



Binghamton-Johnson City
JOINT SEWAGE BOARD



FINAL COPY

Ray L. Standish, P.E.
Gary Holmes
Edward Crumb

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

Stephen Andrew
George Kolba, Jr.
Ron C. Davis

Tuesday, October 10, 2017
Village of Johnson City Municipal Bldg.

Members Present: George Kolba, Jr., Chairman *Pro Tem*
Edward Crumb
Ronald Davis
Steve Andrew
Ray Standish
Gary Holmes

Also Present: Cathy Young, Superintendent
Charles Pearsall, Business Manager
Howard Reeve, Facilities Engineer
Michele Cuevas, Confidential Secretary
Chuck Shager, Fiscal Officer and City of Binghamton Comptroller
Chuck Robinson, Assistant Accountant, City of Binghamton
Alfred Paniccia, Jr., Esq., Co-Counsel
Bruce King, Village of Johnson City Trustee
Conrad Taylor, City of Binghamton
Laura Lee Perkins, Transcriptionist

Guests: George Fowler, P.E., Woidt Engineering
John LaGorga, P.E., BCEE, GHD
Mike Lisson, CPA, Grossman St. Amour
Ken DelBianco, P.E., City of Binghamton Project Manager
Jeff Platsky, Press & Sun Bulletin

Chairman George Kolba called the meeting to order at 3:02 PM. All six (6) Board Members were present. Sign-in sheet was passed for signatures. Fire exits identified.

Edward Crumb made a motion for the Board to approve the 6/13/17 Draft Minutes in the form found in the Board Folder with the changes shown.

Ronald Davis seconded the motion

Motion carried 6/0

Catherine P. Young, Superintendent
Binghamton-Johnson City Joint Sewage Treatment Facilities
4480 Vestal Road, Vestal, New York 13850
Phone: 607-729-2975 Fax: 607-729-3041
Email: bjcwwtp@stny.rr.com

Edward Crumb made a motion for the Board to approve the 7/11/17 Draft Minutes in the form found in the Board Folder with the changes shown.

Stephen Andrew seconded the motion

Motion carried 6/0

Edward Crumb made a motion for the Board to approve the 8/8/17 Draft Minutes in the form found in the Board Folder with the changes shown.

Stephen Andrew seconded the motion

Motion carried 6/0

Edward Crumb made a motion for the Board to approve the 8/14/17 Draft Minutes of the Special meeting in the form found in the Board Folder with the changes shown.

Stephen Andrew seconded the motion

Motion carried 6/0

John LaGorga, P.E., BCEE and George Fowler, P.E. presented the 60% design for the WQIP

George Fowler gave a slideshow presentation:

- 2 design goals: 1) preventing erosion of islands adjacent to the effluent channel and restore degraded water habitat and 2) eliminate local water stagnation that has been created by the gravel bars
- 1944 aerial photo noting size of islands and trees
- 1965 aerial – construction of Plant – gravel bar starting to form
- 1995 – progression of gravel bars north; loss of islands
- 2006 – some change due to June flooding
- 2015 aerial – island is pretty much gone; gravel bar progressing out
- Round 13 WQIP grant – use to improve low flow channel
- Comply with local Flood Plain Ordinance and eliminate gravel bar
- Apply to Town of Vestal for their Flood Ordinance Permit
- Determined size of materials in gravel bar – important because it tells what kind of hydraulics are needed to flush the material downstream
- Average size of particles is 6 mm (coming out of Fuller Hollow Creek)
- Removing most of the material from the gravel bar
- Using 2 different hydraulic models – one-dimensional and two-dimensional
- Want to flush particles downstream often throughout the year
- 100-year flood event: within tolerance of 100 years – confident they can achieve flushing flows and high design flows
- When a large chunk of the gravel bar is removed, the available area to convey a flood load is improved (which decreases the velocity of water and results in an increase in water surface elevation - which is not in compliance with Vestal's 100-year Flood Plane Ordinance.
- Using some of material coming out of gravel bar to rebuild the islands – saving \$
- 3 dimensional structures – instructions to contractors on where to put logs, rocks – height of structure will not exceed height of islands; will blend in
- Will be built side-by-side, no gaps, quasi-impermeable structure backfilled with stones

Questions were fielded by Messrs. Fowler and LaGorga.

(Messrs. Fowler and LaGorga exited the meeting)

Mike Lisson, CPA passed out a 1-page summary page document highlighting the audit requirements and findings. He characterized the audit result as "excellent". Not a big change in Grant revenues. Edward Crumb questioned the Bond chart, which he believes may mistakenly include Owners' Local System Cost Bonds as Plant debt. Mr. Lisson will need to research this and report back to the Board.

(Mr. Lisson exited the meeting)

Ken DelBianco, P.E. presented an update on the Owners' Plant Restoration and Rehabilitation project:

- As Lead Agency, the City posts monthly updates and all reports to DEC on the City's website
- DEC visits the Plant at least once a month
- There are about 300 workers on site; projecting up to 400 workers
- Quandel, the General Contractor on Solids Handling, - has begun work at the site, where there is going to be large excavation
- the new Administration and Maintenance Building is moving along quickly
- Regarding the application of the shotcrete liner to the deep backwash tank, of concern is the moisture content in the concrete
- the Chemical Building is in good shape
- Distribution box – used part of the base slab to support the 2nd tower crane; some reinforcement got shifted; took a couple of months to resolve; now identified and settled on a resolution with General Contractor PC Construction
- Cleaned out the area between the new Administration Building and Vestal Road for staff parking

Steve Andrew explained to Mr. DelBianco that Plant Staff have expressed that they have no space – everything allocated by and to construction crews. Concern is that the Plant must operate and Plant employees need to access the Plant.

George Kolba inquired into double shifts; contract does not allow unless contractor pays oversight costs to Construction Manager and City. Expressed concerns with adding another 100 people; Mr. DelBianco stated that there has been talk of renting additional parking areas; construction crews are parking offsite and being bused to site.

Cathy Young stated that conditions have improved.

Ronald Davis inquired as to the schedule; Mr. DelBianco stated they are a couple of months behind.

- Primary Settling Tanks 7 through 10 – on schedule; ran into rebar issues with existing rebar
- demolition for the UV disinfection system is complete
- Pump Stations 1 and 2 need to be tested

Chuck Shager presented the Fiscal Officer's Report

| | | |
|-----------------------|-----------------------|-----------------|
| 1/1/2017 Beg. Balance | | |
| Checking | \$ 888,759.69 | |
| Savings | <u>\$9,575,403.32</u> | |
| Total | | \$10,463,983.01 |
| | | |
| 9/30/2017 | | |
| Checking | \$ 219,787.40 | |
| Money Market | <u>\$8,540,440.12</u> | |
| | | \$8,760,227.52 |

Chuck Shager reported that Personal Services, Chemicals, Social Security and health insurance are all under budget year to date.

Mr. Shager suggested that it may make sense to transfer \$300,000.00 to Capital to make those funds available for capital project work, including the WQIP project work.

The JH and JF funds all look pretty good.

Stephen Andrew made a motion for the Board to approve the transfer of \$6,000.00 from J8130.54804 (Sludge & Waste Disposal) to J8130.-54450 (Vehicle Repairs).

Ronald Davis seconded the motion

Motion carried 5/0/1 (GH)

Edward Crumb made a motion for the Board to approve the following budget modifications and submit the appropriate Requests for Legislation to the Owners' Legislative bodies:

1. Revenue side – increase J44960 (Federal Aid – Emergency) by \$2,501,820.69
2. JF45031 be increased by \$45,089.51
3. Expense appropriation J8130.54899 (Reimburse Owners) to be increased by \$2,456,231.18
4. Transfer to Capital J9950.5900 to be increased by \$45,589.51
5. Flood Capital Professional Services J8130.55900 to be increased by \$45,589.51

Stephen Andrew seconded the motion

Motion carried 6/0

Edward Crumb made a motion for the Board to approve payment to the City of Binghamton of \$1,346,014.69 and payment to Village of Johnson City of \$1,110, 216.49 to be paid after the above budget transfers have taken place.

Stephen Andrew seconded the motion

Motion carried 6/0

Edward Crumb made a motion for the Board to authorize the renewal of the Hillside Building lease for a one-year period under the same terms and conditions as presently in effect.

Ronald Davis seconded the motion

Motion carried 6/0

Edward Crumb made a motion for the Board to renew the website host agreement with Broome County under the same terms and conditions as presently in effect.

George Kolba, Jr. seconded the motion

Motion carried 6/0

Edward Crumb made a motion for the Board to authorize renewal of the Workers Comp. PPO services agreement with UHS under the same terms and conditions as presently in effect.

Ronald Davis seconded the motion

Motion carried 6/0

Regarding the 2017 audit, Edward Crumb suggested the Board to include a hard date for a draft report from the Auditor to the Business Manager, the Finance Committee and the Fiscal Officer of August 17, 2018, with a final report to the Board by September 5, 2018 so that the Board can vote at the September meeting in order to file a Board-approved audit report with NYS by September 30th. Charles Pearsall pointed out that we have no control over when the information is received from the City's Finance Department.

Edward Crumb made a motion for the Board to authorize advertisement for supply of hydrated lime using the existing documents but changing the quantity to 8 to 15 tons per delivery.

Ronald Davis seconded the motion

Motion carried 6/0

Edward Crumb made a motion for the Board to authorize the Business Manager to procure a flood insurance policy for the TPS Utility Building with limits of up to \$500,000.00 on the building and up to \$500,000.00 on its contents, with a \$2,000.00 deductible, at a cost of \$2,534.00 for the first year, to be encumbered against and paid for from budget line J8130.54300 (Insurance).

Ronald Davis seconded the motion

Motion carried 5/0/1 (GH)

Superintendent's Report

Superintendent Young presented the Superintendent's Report, a copy of which appears below:

Violations and Significant Issues (none)

Compliance

| Date: September 2017 Average Flow | Influent 11.78mgd | Effluent | Average % Removal | Effluent Limit |
|--------------------------------------|----------------------|-----------|-------------------|----------------|
| CBOD | 272 | 178 | 34.56% | Monitor |
| Suspended Solids | 213 | 71 | 66.67% | Monitor |
| Other: Settleable Solids Max | 12.7 | 0.27 | 97.87% | Monitor |
| Total Nitrogen | Aug 21.2 | Aug 16.6 | 21.33% | Monitor |
| Chlorine | NA | 0.68 Max. | NA | 2.0Max. |
| Avg. Temperature | 21.0 | 21.1 | | |

| Solids Removed | June 2017 | July 2017 | August 2017 | Sept 2017 |
|-----------------|-----------|-----------|-------------|-----------|
| Digested | 0 | 0 | 0 | 0 |
| Lime Stabilized | 740.49 | 557.83 | 580.45 | 536.53 |
| Total | 740.49 | 557.83 | 580.45 | 536.53 |
| Grit | 0 | 0 | 0 | 0 |
| Screenings | 4.10 | 13.82 | 5.07 | |
| Grease | 7.58 | 3.79 | 9.78 | 0 |

Operations Summary, Construction and Related Issues

- There is a possibility that the new temporary effluent discharge pipe may not handle the maximum flow of 35 mgd in a wet weather event. Recently our flow peaked at 29 MGD and the weirs and skimmers in the settling tanks were submerged. GHD and Jacobs are working to understand and resolve the issue.
- The solids handling phase of the construction has begun.
- Flood Wall: Vestal 12" line Overflow is required. There have been Planning/ Discussion meetings with the Town Engineer, and the issue is not yet resolved.
- The temporary disinfection system has been tested and chlorine contact tank #3 has been taken out of service to prepare for the methanol storage tank work. Contractors increased the depth of the remaining chlorine basin to accommodate the loss of contact time from chlorine contact tank #3. The sampling and pH monitoring stations were relocated for permit compliance. The temporary discharge pipe may need to be adjusted due to flow constriction at over 24-26 MGD.
- Our next meeting with SEMO is scheduled for October 19th to review submissions and anticipated reimbursements for projects thus far.

Committee Reports:

Construction – Gary Holmes – asked for an update on the TPS HVAC and roof project; in supplement to the report given by City Project Officer Ken DelBianco, P.E., noted that the construction on the East Scrubber Building and Chemical Storage Building is ramping-up. A goal would be to not need the temporary skid-mounted odor control system next season.

Finance – Edward Crumb – reported that the Superintendent and Business Manager presented the 2018 proposed budget and, together with Board Members, had budget meetings with the Owners' legislative bodies; the Owners adopted the 2018 budget under the new Enterprise Accounting format. Mr. Crumb thanked Business Manager Charles Pearsall and Superintendent Cathy Young for their work in the budget process and stated his belief that under the adopted 2018 budget the Plant's finances will be in decent shape next year.

Flow Management – Edward Crumb – Nothing new to report

Personnel – Steve Andrew – reported on new language for an updated SPD for Retiree health benefits prepared by Alfred Paniccia. Mr. Paniccia stated that Tom Surowka called him and recommended the ErisaPros Platinum program that includes a web-based communications portal. Board Secretary Michele Cuevas will set up a meeting with Mr. Surowka and the Board to review.

Ad Hoc – Ronald Davis – Nothing to report

Correspondence:

GHD September IWPP report Johnson City Resolutions regarding modifications to the Owners' contracts with GHD

NYSDEC 9/6/17 and 9/14/17 letters (regarding the NYSDEC – 9/6/17 letter regarding the Protection of Waters permit for the Flood Wall project – Ed Crumb stated that he will send this to Howard Weaver)

Next regularly scheduled meeting - 11/14/17 at 3 PM at Village of JC Municipal Offices

Ray Standish made a motion to adjourn.

Steve Andrew seconded the motion

Motion carried 6/0

Meeting adjourned at 5:43 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
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
Ray Standish, P.E., City of Binghamton, Acting Engineer
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