

Regular Meeting – March 16, 2016

- Call to Order**

Mr. Lapinski, Vice Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:01 p.m. Wednesday, March 16, 2016. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dietz, Ebaugh, Guss, Lapinski, McShea, and Nucciarone; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Mark Harter, Collection System Superintendent; Jason Brown, Project Manager; David Gaines, Solicitor; Dave Swisher and Ben Burns, Consulting Engineers; Jason Wert, RETTEW; Autumn Randle, COG; Mark Whitfield, State College Borough; Sharon Bressler; Tom Songer, Laura Dininni, Kevin Mullen and Kathy Wheeler, Recording Secretary.

A motion was made by Mr. McShea, seconded by Mr. Ebaugh, to approve the minutes of the UAJA meeting held on February 17, 2016 as submitted. The motion passed unanimously.

None.

this email to Corey Miller and billing manager:

This is Kevin Mullen owner of 394 Oakwood Ave State College PA 16803. I have an update concerning you billing me twice for this address. We discussed this on the phone 2 months ago. I have new thoughts:

Patton Township allows "Single family dwelling" in R-2 zoning area where my house is. Corey Miller described (part of) my house as an apartment. However Patton Township only allows apartments and duplexes in R-3 area. The UAJA manager can not sub-divide a "single family dwelling" nor add an "apartment" to an R-2 "single family dwelling". The UAJA manager can not change zoning laws / designations. Patton Township E-code says R-2 "Single family dwelling" means / allows / includes a family and up to 2 unrelated people. Therefore, even if the family and / or unrelated people are renters, they are already included in the "single family dwelling" description. Any of them are not in a separate "apartment". Your "E.D.U. Equivalent Dwelling Unit" already accounts for and includes the R-2 zoning of a family and up to 2 unrelated people. See Patton Township E-Code #175-6 "family" definition.

I request a refund of the 2nd bill for this address retroactive to 2015 when you started billing plus any late fees associated with the 2nd account.

Please call or email me. I look forward to resolving this issue.

Kevin Mullen

As of today 1-16-2016 I am still waiting for a reply by phone or email to discuss this billing question or to listen to any reasons you believe my explanation is wrong. I am willing to meet with you or your attorney Mr. Campbell.

The Board took no action but will discuss in an executive session.

4.2 Act 57 Study

Included in the agenda report is the draft Act 57 Capital Charges Study prepared by HRG. The purpose of the study is to calculate the maximum tapping fees allowable according the Municipalities Authorities Act. The study does not set the fees. The actual tapping fees are set by resolution of the Board. The report finds that the maximum fees are as follows:

Max Hydraulic fee (capacity and collection parts) = \$6,388 per EDU

Max Hydraulic fee (capacity and collection parts) = \$29.85 per gpd

Max Organic fee (capacity and collection parts) = \$16,810.53 per lb.

The report is being presented for information only. At the April meeting the consultants will provide a presentation and answer questions.

4.3 Nutrient Credits/Offsets For New Developments

At the February Board meeting, the board took action to halt approvals at the final sewer design step while awaiting input from the municipalities and the Council of Governments. At the February 22, 2016 COG General Forum meeting, the General Forum took action recommending that UAJA continue to allocate capacity pending COG's preparation of a nutrient management plan.

**Approval for the Final
Sewer Design
Approved**

A motion was made by Mr. McShea, seconded by Mr. Ebaugh, to remove the hold placed on the sewer final design approvals at the February 17, 2016. The motion passed unanimously.

4.4 Standard Specifications and Details Update

HRG has been working with staff to bring our Standard Specifications package up to date. A draft of this document has been developed and has been shared with a number of clients that routinely refer to the Standard Specs for any comments they might have. HRG has also met with UAJA's staff to address any concerns. This update will be on the April 2016 agenda for approval consideration.

5. New Business

5.1 Requisitions

BRIF #212	Dale Summit Acquisitions March 2016 Lease Payment	\$25,000.00
BRIF #213	Rettew Dewatering Controls Proj.	\$ 1,908.00

Requisitions Approved

A motion was made by Mr. Nucciarone, seconded by Mr. Guss, to approve the BRIF Requisitions #212-213. The motion passed unanimously.

Reports of Officers

6.1 Financial Report

Mr. Smith reviewed with the Board the YTD budget report for the period ending February 29, 2016.

6.2 Chairman's Report

None

6.3 Compost & Septage Operations Report

The following comments are as presented to the Board in the written report prepared by Jason Brown, Project Manager.

COMPOST PRODUCTION AND DISTRIBUTION

	<u>Sep. 2015</u>	<u>Oct. 2015</u>	<u>Nov. 2015</u>	<u>Dec. 2015</u>	<u>Jan. 2016</u>	<u>Feb. 2016</u>
Production	646 cu/yds.	764 cu/yds.	898 cu/yds.	962 cu/yds.	927 cu/yds.	706 cu/yds.
YTD. Production	6,203 cu/yds.	6,967 cu/yds.	7,865 cu/yds.	8,827 cu/yds.	927 cu/yds.	1,633 cu/yds.
Distribution	707 cu/yds.	598 cu/yds.	844 cu/yds.	439 cu/yds.	424 cu/yds.	618 cu/yds.
YTD. Distribution	6,976 cu/yds.	7,574 cu/yds.	8,418 cu/yds.	8,857 cu/yds.	424 cu/yds.	1,042 cu/yds.
Immediate Sale	877 cu/yds.	925 cu/yds.	845 cu/yds.	1,304 cu/yds.	1,842 cu/yds.	2,151 cu/yds.
Currently in Storage	1,523 cu/yds.	1,689 cu/yds.	1,743 cu/yds.	2,266 cu/yds.	2,769 cu/yds.	2,857 cu/yds.

SEPTAGE OPERATIONS

	<u>Sep. 2015</u>	<u>Oct. 2015</u>	<u>Nov. 2015</u>	<u>Dec. 2015</u>	<u>Jan. 2016</u>	<u>Feb. 2016</u>
Res./Comm.	0 gals.	3,000 gals.	0 gals.	0 gals.	0 gals.	0 gals.
Hawbaker	0 gals.	162,500 gals.	0 gals.	0 gals.	0 gals.	0 gals.
CH/Potter	6,755.40 lbs/solids	4,716.27 lbs/solids	5,258.37 lbs/solids	7,447.62 lbs/solids	4,657.89 lbs/solids	6,138.24 lbs/solids
Port Matilda	1,367.76 lbs/solids	1,200.96 lbs/solids	1,217.64 lbs/solids	1,668.00 lbs/solids	1,517.88 lbs/solids	1,501.20 lbs/solids
Huston Twp.	583.80 lbs/solids	350.28 lbs/solids	400.32 lbs/solids	0 lbs/solids	1,000.80 lbs/solids	767.28 lbs/solids
Total Flow	70,000 gals.	222,500 gals.	62,500 gals.	72,500 gals.	61,500 gals.	75,500 gals.

6.4 Plant Superintendent's Report

The following comments are as presented to the Board in the written report prepared by Art Brant, Plant Superintendent.

Plant Operation

The treatment plant is operating well no exceptions to our NPDES permit. The 12-month rolling average flow for February was 4.37mgd with the average for the month being 4.96mgd. The average monthly **influent** flow was 6.36mgd. There were no inspections of the Plant by DEP. Treatment units on line are as follows: primary clarifiers #4, #5 and #6; aeration basins #1 and #2; secondary clarifiers #1, #2, and #3; eight tertiary filters.

Below is the chart for Reuse Distribution and Temperature Data:

	Feb-16	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	22,000	45,000		
Centre Hills	0	0	Feb-16	Feb-16
Cintas	713,000	1,406,000	54.9	50.6
Red Line	400,000	884,000		
Uaja Wetland	4,011,000	6,388,000		
Wetland Vault	7,055,900	7,431,900		
Kissingers	983,000	2,065,000		
Stewarts	0	0		
TOTAL	13,184,900	18,219,900		

Plant Maintenance

- Replaced the circuit breaker in the AWT MCC panel for A/C #2.
- Repaired the unloading valve and temp sensor in Primary A/C #1.
- Replaced the check arm packing on the Main Station pumps.
- Repaired the check valve for WAS Pump #2.

- Replaced a Compost Transfer Fan #1 and the power cables to Transfer fans #1 and #2.
- Replaced the oil heater on the Trommel Screen at Compost.
- Replaced one head lift hydraulic cylinder on Composter #1.
- Repacked the pumps at the Booster Station.
- Rebuilt 2 Aeration Mixers.
- Repaired the belt scraper on the Compost Vertical Belt.
- Repaired emergency lighting around the facility.
- Installed emergency eye wash station in the caustic dyke at AWT.
- Replaced the damper actuator for EF-AWT.
- Replaced the battery in the PLC of MF #2.

6.5 Collection System Superintendent's Report

The following comments are as presented to the Board in the written report prepared by Mark Harter, Collection System Superintendent.

Mainline Maintenance:

Lateral Repair (1) – Mount Nittany Road.

Mainline Repair (1) – 2317 Saratoga Drive.

Mainline Cleaning – (97) manholes Inspected / (15,193) ft. of mainline cleaned.

Mainline Televising for 2016 Township Paving projects (1,498.1) ft. televised (16) manholes inspected.

Cleaned grease out of mainline beside 1611 N. Atherton St (Champs).

Assisted Jason with grinding and hauling of wood chips.

(I/I) Joint Testing and Grouting / Boalsburg Interceptor.

(56) Joints tested / (35) Joints grouted / (1) Manhole grouted.

438 gallons of grout used / Estimated 51,120 GPD of infiltration eliminated.

Lift Station Maintenance:

Replaced battery charger on Big Hollow generator.

Repaired (1) E-One Pump Core.

Cleaned (12) lift station Wet Wells.

Installed new thermal moisture relay and ups backup battery at Scott Road.

Installed new ups at North Meter chamber.

NEXT MONTH PROJECTS:

Grouting of back lot main sewers in Boalsburg area.

Mainline and lateral repairs on Park Forest Ave, Cricklewood Cir, Sylvan Dr and W. Cherry Ln.

Inspection: Final As-Builts Approved Fieldstone Phase 3

Mainline Construction:

- North Atherton Place – construction is approximately 95% complete.
- Stearns Crossing Ph. 8 – construction is 60% complete.
- Canterbury Crossing Lot 33 ph. 1B – ready to start construction.

New Connections:

a.	Single-Family Residential	10	c.	Commercial	0
b.	Multi-Family Residential	0	d.	Non-Residential	0
					TOTAL 10

PA One-Calls Responded to 2/1-29/16: 182

6.6 Engineer's Report

The following comments are as presented to the Board in the written report prepared by the Consulting Engineer.

Retainer

- Prepared the 2015 Chapter 94 Report map and pump station capacity tables.
- Pursuant to the requirements of the NPDES Permit, the annual inspection for discharges of stormwater will be scheduled.

Odor Control Study

- Prepared a scope memorandum for the Basis of Design and discussed the next steps to advance project development with staff.

Standard Specifications and Details Update

- Final draft specifications have been delivered to the Authority and subsequently distributed to Engineers, Developers and Contractors for review and comment. To date, no comments have been received.
- Suggested revisions to the policy document (00700) have been submitted and will be reviewed with staff.

Act 57 Study

- A Draft Final Report has been provided to staff. Because of prior commitments, HRG's financial services staff, who prepared the report, are not available to attend the meeting; however, they are available for the April meeting or to attend a committee work session, if requested.

Big Hollow Force Main Evaluation

- The 20" flange was removed from the tee located at the force main high point, presumably simulating open to atmosphere conditions. On-site observations of improved pump performance and reduced vibrations were confirmed by KCF Tech.
- HRG is obtaining cost estimates to increase the size of the air release valves. Numerous manufacturers are being contacted to provide recommended sizing. Sizing will be reviewed with KCF Tech.

Overlook Heights Sanitary Sewer Replacement: Suburban Avenue Backlot

- Field survey work has been conducted and base mapping is expected to be completed by March 11th.
- Right-of-way exhibits for the replacement section of the project will be promptly prepared.

Engineer's Certification for the 2016 Bonds

- Completed the review of the documents and issued the Consulting Engineer's Certificate to Bond Counsel.

Meeks Lane Pump Station and Force Main Design

- Field inspection of the proposed force main alignment was completed with Mark Harter.
- Basis of design flow rates have been developed for build out of west Patton Township and expansion of the sewer service area into Halfmoon Township.
- Pump design criteria have been identified and Flygt has been contacted to confirm pump selections and provide budgetary pricing.

- A preliminary forcemain profile has been developed. The alignment appears to be constructible without intermediate high points while minimizing depth of installation.

Developer Plan Reviews:

- One (1) As-Built plan review was completed this past month and was recommended for approval (Fieldstone Phase 3).

6.7 Construction Report

The following comments are as presented to the Board in the written report prepared by the Construction Engineer.

Mr. Wert stated that controls for the first centrifuge have been transferred and are operational. Trouble shooting in one of the operational modes will be done later this week. The controls for second centrifuge will be transferred next week to complete the upgrade.

6.8 Executive Director's Report

The following comments are as presented to the Board in the written report prepared by the Cory Miller, Executive Director.

Grays Woods Pump Station Elimination

Patton Township has scheduled a public meeting for March 23, 2016 at 7:00 PM to describe the proposed route to property owners along the route. Notices were mailed by Patton Township to each owner.

Beneficial Reuse extension to Mountainview

At the February 22, 2016 meeting of the COG General Forum, the General Forum voted to ask UAJA to undertake and fund an Act 537 Plan special study for the extension of beneficial reuse water to Mountainview. The next step will be to meet with DEP to determine a scope for the study. UAJA has also contacted DEP to see if they would like to reclassify the beneficial reuse water as something other than sewage so that the study would not be needed.

7. Other Business

None

8. Executive Session

**Executive Session
Approved**

A motion was made by Mr. Dietz, seconded by Mr. Nucciarone, to adjourn to executive session at 5:00 p.m. The motion passed unanimously.

9. Adjournment

The meeting was adjourned at 5:00 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

B. A. Depina

Secretary/Assistant Secretary