

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – February 21, 2018

1. Call to Order

Mr. Lapinski, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, February 21, 2018. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dempsey, 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; Dick Campbell and David Gaines, Solicitor; Jeff Garrigan and Ben Burns, Consulting Engineers; Jason Wert and Steve Siegfried, RETTEW; Greg Garth, COG; Amy Kerner, State College Borough, Berny Hoffner, SCBWA Liaison; Scott Shearer, Public Financial Management; Jon Sepp, Penn Terra Engineering; Dave Swisher, Penn State; and Kathy Wheeler, Recording Secretary.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – January 17, 2018

<p>UAJA Meeting Minutes Approved</p>

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve the minutes of the UAJA meeting held on January 17, 2018 as submitted. The motion passed unanimously.

3. Public Comment

None.

4. Old Business

4.1 Capital Projects Financing – PFM

Scott Shearer of PFM presented the results from the RFQ process initiated at the last meeting to secure the remaining financing necessary for the capital projects planned for the near future. (Odor Control, ENR/AWT, Outfall Cascade and Harris Reuse). Both a “Bank Qualified” option and a “Non-Bank Qualified” option were presented for consideration.

The Board directed PFM to move forward with non-bank qualified option.

4.2 Toll Brothers Project Force Main Letter to State College Borough Water Authority

Included in the agenda materials is a draft letter to the State College Borough Water Authority (SCBWA) clarifying UAJA’s position on the easement for the force main for the Toll Brother project. SCBWA has the easement tabled until they receive information from UAJA. The Board should consider any changes that should be made to the letter before it is sent to SCBWA.

See the discussion of the SCBWA Liaison.

4.3 Big Hollow Interceptor Easement Agreement with Penn State

Dave Swisher gave a presentation on The Big Hollow interceptor Easement Agreement with Penn State.

In 1966, Patton Ferguson Joint Authority (PFJA) and Penn State entered into an easement agreement providing PFJA with an easement to build a portion of the Big Hollow Interceptor through Penn State property. UAJA inherited the easement when UAJA and PFJA merged. The agreement allocates 600,000 gpd of capacity in the Big Hollow interceptor to Penn State. Penn

State has argued that the agreement allocates capacity in the interceptor and the UAJA treatment plant to Penn State, and that they may connect to the interceptor without cost, including tapping fees.

Penn State will present their offer to resolve the dispute over interpretation of the 1966 agreement. The presentation is included in the agenda materials. Since this is a legal dispute, the Board should receive the presentation, ask questions to clarify anything in Penn State’s offer, and then discuss during an executive session.

5. New Business

5.1 Penn State Treatment Plant Upgrade Act 537 Plan Special Study

Penn State repeated the presentation for UAJA that was presented February 12, 2018 meeting of the COG Public Services and Environmental Committee, concerning the proposed upgrade to the PSU treatment plant, and the Act 537 Plan Special Study for the project. According to PSU, the public comment period will begin soon.

Mr. Ebaugh will work with UAJA staff to develop comments and questions for submittal during the public comment period.

5.2 Gordon D. Kissinger Meadow NPDES Permit

The draft permit and the fact sheet were included in the agenda materials for the Board’s review. The comment period has been extended to March 14th. Staff has been evaluating existing flow and temperature data, as well as meeting with interested parties. Mette Evans and Woodside have begun working on the legal aspects of the comments, as well as preparing for a possible permit appeal.

At the meeting, Staff shared what is available to date and asked the Board to share any comments they may have between February 21 and March 13th so they can be incorporated into the final comment document. Staff will share by email all comments as they are raised.

5.3 Requisitions

BRIF #307	Gannett Fleming GeoDecisions – GIS	\$3,396.09
BRIF #308	Evoqua Water Technologies	\$78,845.32

**Requisitions
Approved**

A motion was made by Mr. McShea, seconded by Mr. Nucciarone, to approve the BRIF Requisitions #307 -308. The motion passed unanimously.

Revenue Fund #156	Debt Service, Operating And Maintenance Expenses	\$1,000,000
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**Requisitions
Approved**

A motion was made by Mr. Dietz, seconded by Mr. Guss, to approve the Revenue Fund Requisitions #156. The motion passed unanimously.

6. Reports of Officers

6.1 SCBWA Liaison

Mr. Hoffner reviewed with the Board some key points of the State College Borough Water Authority (SCBWA). The Water Board has tabled the discussion on the approval of the easement for the force

main for the Toll Brother’s project. SCBWA would like to hold a meeting with Ferguson Township, Borough of State College, Toll Brothers and UAJA to further discuss this project

SCBWA is generally agreeable with the connection of septic systems to the public sewers.

6.2 Financial Report

Mr. Smith reviewed with the Board the YTD budget report for the period ending January 31, 2018.

6.3 Chairman’s Report

None

6.4 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>Aug. 2017</u>	<u>Sep. 2017</u>	<u>Oct. 2017</u>	<u>Nov. 2017</u>	<u>Dec. 2017</u>	<u>Jan. 2018</u>
Production	822 cu/yds.	706 cu/yds.	836 cu/yds.	860 cu/yds.	945 cu/yds.	896 cu/yds.
YTD. Production	6,579 cu/yds.	7,285 cu/yds.	8,121 cu/yds.	8,981 cu/yds.	9,926 cu/yds.	896 cu/yds.
Distribution	861 cu/yds.	809 cu/yds.	633 cu/yds.	994 cu/yds.	794 cu/yds.	1,201 cu/yds.
YTD. Distribution	5,525 cu/yds.	6,334 cu/yds.	6,967 cu/yds.	7,961 cu/yds.	8,755 cu/yds.	1,201 cu/yds.
Immediate Sale	2,367 cu/yds.	2,380 cu/yds.	2,414 cu/yds.	2,595 cu/yds.	2,661 cu/yds.	2,405 cu/yds.
Currently in Storage	3,189 cu/yds.	3,086 cu/yds.	3,250 cu/yds.	3,455 cu/yds.	3,606 cu/yds.	3,301 cu/yds.

SEPTAGE OPERATIONS

	<u>Aug. 2017</u>	<u>Sep. 2017</u>	<u>Oct. 2017</u>	<u>Nov. 2017</u>	<u>Dec. 2017</u>	<u>Jan. 2018</u>
Res./Comm.	2,000 gals.	10,900 gals.	2,000 gals.	0 gals.	1,150 gals.	2,200 gals.
CH/Potter	4,553.64 lbs/solids	5,258.37 lbs/solids	3,306.81 lbs/solids	4,678.74 lbs/solids	5,746.26 lbs/solids	2,927.34 lbs/solids
Port Matilda	1,784.76 lbs/solids	892.38 lbs/solids	1,506.20 lbs/solids	1,271.02 lbs/solids	1,467.84 lbs/solids	1,534.56 lbs/solids
Huston Twp.	704.73 lbs/solids	733.92 lbs/solids	1,217.64 lbs/solids	0 lbs/solids	767.28 lbs/solids	767.28 lbs/solids
Total Flow	59,250 gals.	58,500 gals.	71,900 gals.	54,000 gals.	42,500 gals.	62,150 gals.

6.5 Plant Superintendent’s Report

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

Mr. Brant stated that over a billion gallons of reuse water has been put back into the aquifers.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permits for the month of January 2017. The 12-month rolling average flow for January was 4.06mgd with the average for the month being 4.09mgd. The average monthly **influent** flow was 5.07mgd.

Treatment units on line are as follows: primary clarifiers #1, #3, #5 and #6; aeration basins #2 and #3; secondary clarifiers #1, #2, and #3; eight tertiary filters.

Below is the chart for Reuse Distribution and Temperature Data:

	Jan-17	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	25,000	25,000		
Centre Hills	0	0	Jan-17	Jan-17
Cintas	748,000	748,000	54.3	50.7
Red Line	960,000	960,000		
Uaja Wetland	3,793,000	3,793,000		
Wetland Vault	19,743,000	19,743,000		
Kissingers	1,460,000	1,460,000		
Stewarts	1000	1000		
TOTAL	26,730,000	26,730,000		

Plant Maintenance

- Replaced Panel View 600’s for the Blower and Aeration trains with Panel View Plus controllers.
- Removed the Mohawk hoist from the maintenance area below the office.
- Returned an Auma Valve for repair.
- Unplugged #3 pump at the Main Station.
- Unplugged Primary Scum line to Dewatering.
- Repaired HVAC on Conference room roof.
- Replaced Agitator #2 take up reel chain.
- Replaced circuit board for the Compost office heating unit and ordered a safety rollover switch.
- Replaced burnt wires that had come loose on Centrifuge #1 and tightened wiring on #2 Centrifuge VFD control panels. Also replaced the UPS on #2.
- Replaced Ozone Ambient Air Monitor and sent the removed one out for recalibration.

6.6 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:

Mainline Cleaning – (76) manholes inspected – (11,026’) of mainline cleaned.
Mainline Televising – (15,038’ televised) – (131) manholes inspected.
AWT pump station force main project – 100% complete.
Equipment Maintenance.

Lift Station Maintenance:

Replaced run timers at Scenery station.
Replaced run timer on generator at Graysdale 2B station.
Cleaned (7) lift station wet wells.

Worked on spare pumps in shop.
Routine Maintenance.

NEXT MONTH PROJECTS:

Televising and Flushing of 2018 Twp. Paving projects.
Continue flushing of mains in service area.
Brushing of backlot interceptors.
Equipment maintenance.
Concrete curbs and sidewalks at plant.

Inspection: Final As-Builts Approved:

- a. Pleasant Point.
- b. NVSC Lot 3 / Nursing Home

Mainline Construction:

- a. The Gates 4 – Started Construction (90%)
- b. Branch Road Bridge (Penn Dot) –Complete – Awaiting As-Builts.
- c. Mountain View Country Club Hotel – Started Construction (65%) Complete.
- d. Aeropointe – Started Construction (90%) Complete.

New Connections:

a.	Single-Family Residential	10	c.	Commercial	0
b.	Multi-Family Residential	1	d.	Non-Residential	0
TOTAL					11

PA One-Calls Responded to 1/1-31/18: 191

6.7 Engineer’s Report

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

Retainer

- Commenced preparation of the Pump Station Capacity Table for the Chapter 94 Report.
- Developed average sanitary sewer replacement costs to support preparation of the Audit.
- Wetland NPDES Permit – Received and completed a cursory review of the draft permit. Comments will be provided to the Authority for consideration.
- Attended the February CRCOG PS&E Committee Meeting.

Odor Control Study

- Bids will be received on April 4th at 2:00 PM. There appears to be notable interest in the project.
- The College Township Zoning permit and the CRCA Building Code Permit applications have been submitted. HRG is re-evaluating the permit fee and will review the results with Staff.

Extension of Beneficial Reuse Water to Harris Township (1178.0637)

- A field investigation and walkthrough of the proposed alignment was completed with the Collection Systems Superintendent and staff. The preliminary alignment was mapped

using the Authority’s GPS equipment.

- HRG will begin coordinating environmental and archeologic surveys in order to affirm the alignment.

Developer Plan Reviews:

- Three (3) Developer Plan submissions have been active since the last report.
- Pump Station AutoCAD files were provided to the Developer’s Engineer (Hershey Engineers) for their use in preparing plans for The Cottages by Toll Brothers on January 9, 2018 (R001178.0567).
- As-Built Plans for Nursing Home-NVSC Lot 3-Bernel Road were recommended for approval on January 31st (R001178.0642).
- Design plans for Lawnwood Avenue were recommended for approval on February 5, 2018 (R001178.0643). The Developer has not yet submitted the DEP letter.

6.8 Construction Report

Nothing to add to the discussion.

6.9 Executive Director’s Report

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

Gordon D. Kissinger Meadow NPDES Permit Temperature Limits

On January 27, 2018, PADEP published the draft NPDES permit for the Gordon D. Kissinger Meadow. The draft permit contains temperature limits that cannot be met by UAJA 70 percent of the year. There is a public comment period, which has been extended to end March 14, 2018. Once the public comment period ends, PADEP will respond to all of the comments, and decide if changes to the draft permit are needed.

7. Other Business

Executive Session


A motion was made by Mr. Dempsey seconded by Mr. McShea, to adjourn to executive session at 5:45 p.m. The motion passed unanimously.

8. Adjournment

The meeting was adjourned at 5:45 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY


Secretary/Assistant Secretary