

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – December 21, 2016

1. Call to Order

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:03 p.m. Wednesday, December 21, 2016. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Bridger, Dempsey, Ebaugh, Guss, Lapinski, McShea and Schmalz; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Mark Harter, Collection System Superintendent; Art Brant, Plant Superintendent; Jason Brown, Project Manager; Dick Campbell and David Gaines, Solicitors; Ben Burns, Doug Weikel, Tom Holleran and Shelby Owens, Consulting Engineers; Jason Wert and Steve Siegfried, Construction Engineer; Amy Kerner, State College Borough; Chris Bamber, PFM; Dave Swisher, Catherine Watt and Kathy Wheeler, Recording Secretary.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – November 16, 2016

UAJA
Meeting Minutes
Approved

A motion was made by Mr. Dempsey, seconded by Mr. Lapinski, to approve the minutes of the UAJA meeting held on November 16, 2016 as presented. The motion passed unanimously.

3. Public Comment

None.

4. Old Business

4.1 2017 Bond Issue

An updated report on the \$20 million bond issue will be presented by Public Financial Management. Two alternatives, as outlined at the November meeting, are being considered:

1. Two separate bank qualified borrowings, the first occurring in early 2017, and the second in early 2018.
2. A single non-bank qualified borrowing early in 2017.

To formally begin the process, an action of the Board is required. The recommended motion as submitted by our bond counsel follows.

2017 Bond Issue
Approved

A motion was made by Mr. McShea, seconded by Mr. Guss, to appoint the firm of Public Financial Management ("PFM") as financial advisor and the firm of Mette, Evans & Woodside ("Mette") as bond counsel for the Authority in connection with the proposed financing for new capital projects consisting of the design, acquisition and construction of alterations, renovations and improvements to its facilities including, interalia, of new odor control system, renovation of the tertiary filters and upgrade to denitrification filters, increase advance water treatment capacity by 1MGD to a total of 2MGD and

extending the beneficial reuse water transmission main to Harris Township, by the issuance of the sewer revenue bonds in calendar year 2017. Motion passed unanimously.

4.2 Solar Project Update

Jason Wert provided an overview of the latest project financial spreadsheet.

Review of the proposed agreements has been completed, and a list of remaining issues has been prepared. One last round of revisions should complete the agreements. A meeting of the subcommittee will be held early January 2017.

5. New Business

5.1 Requisitions

Revenue Fund #148	Debt Service, Operation, And Maintenance	\$1,000,000.00
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Requisitions Approved

A motion was made by Mr. Lapinski, seconded by Mr. Dempsey, to approve the Revenue Fund Requisition #148. The motion passed unanimously.

BRIF #241	Gannett Fleming Companies GIS Upgrade	\$1,810.20
BRIF #242	Maxwell Truck and Equipment Salt Spreader	\$3,990.00
BRIF #243	HRG Odor Control Prelim. Design 29% Complete	\$45,890.00
BRIF #244	Robert P. Lepley Electric Ground, Megger & Oil Testing	\$5,825.00
BRIF #245	Dale Summit Acquisitions December 2016 Water Tank Lease FINAL PAYMENT	\$25,000.00
BRIF #246	Allied Control Services Dewatering Control Upgrade Proj.	\$2,940.21
BRIF #247	Rettew ENR/AWT Prelim. Design 35% Complete	\$86,450.00
TOTAL BRIF		\$171,905.41

**Requisitions
Approved**

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve the BRIF Requisitions #241-247. The motion passed unanimously.

**Water Tank Purchase
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. McShea, to approve the purchase of the water tanks as per the agreement for \$10.00. The motion passed unanimously.

5.2 Clearwater Conservancy Slab Cabin Run Project

Clearwater Conservancy has unveiled a project to obtain the development rights for two tracts of land along Slab Cabin Run. Clearwater is asking municipalities, Penn State, and water authorities for contributions. While UAJA has not been mentioned at this time as a possible contributor, this project could potentially impact future UAJA projects. Currently, the Act 537 Plan indicates that the third phase of the Beneficial Reuse Project is to reach higher up in the Slab Cabin Run Watershed. UAJA was beginning to study Slab Cabin Run in 2015 and 2016, but several property owners would not grant permission to enter their the properties for UAJA to complete the study. The study was cancelled in 2016.

Staff will be contacting Clearwater Conservancy to schedule a presentation at the regular January meeting of the Board. The subcommittee will be holding a meeting with Clearwater Conservancy early in January 2107.

6. Reports of Officers

6.1 Financial Report

Mr. Smith reviewed with the Board the YTD budget report for the period ending November 2016. Mr. Smith informed the Board that funds have been transferred to S&T Bank. The nutrient credit sale is complete and we have received \$15,630. A gas and on road diesel rebate from the State Contract has been received in the amount of \$822.70.

6.2 Chairman's Report

Mr. Schmalz reported that two board members terms would be up January 6, Mr. Lapinski and Mr. Spac. Mr. Spac had reached his term limit set by Patton Township.

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>Jun. 2016</u>	<u>Jul. 2016</u>	<u>Aug. 2016</u>	<u>Sep. 2016</u>	<u>Oct. 2016</u>	<u>Nov. 2016</u>
Production	943 cu/yds.	626 cu/yds.	677 cu/yds.	664 cu/yds.	875 cu/yds.	789 cu/yds.
YTD. Production	4,676 cu/yds.	5,302 cu/yds.	5,979 cu/yds.	6,643 cu/yds.	7,518 cu/yds.	8,307 cu/yds.
Distribution	662 cu/yds.	623 cu/yds.	1,100 cu/yds.	1,085 cu/yds.	1,079 cu/yds.	647 cu/yds.
YTD. Distribution	4,223 cu/yds.	4,846 cu/yds.	5,946 cu/yds.	7,031 cu/yds.	8,110 cu/yds.	8,757 cu/yds.
Immediate Sale	1,755 cu/yds.	2,075 cu/yds.	1,601 cu/yds.	1,236 cu/yds.	952 cu/yds.	1,049 cu/yds.
Currently in Storage	2,698 cu/yds.	2,701 cu/yds.	2,278 cu/yds.	1,900 cu/yds.	1,827 cu/yds.	1,838 cu/yds.

SEPTAGE OPERATIONS

	<u>Jun. 2016</u>	<u>Jul. 2016</u>	<u>Aug. 2016</u>	<u>Sep. 2016</u>	<u>Oct. 2016</u>	<u>Nov. 2016</u>
Res./Comm.	0 gals.	0 gals.	0 gals.	7,000 gals.	10,350 gals.	500 gals.
CH/Potter	8,836.23 lbs/solids	8,335.83 lbs/solids	1,164.26 lbs/solids	1,680.51 lbs/solids	5,692.05 lbs/solids	6,071.52 lbs/solids
Port Matilda	1,901.52 lbs/solids	1,467.84 lbs/solids	1,351.08 lbs/solids	1,534.56 lbs/solids	1,117.56 lbs/solids	884.04 lbs/solids
Huston Twp.	600.48 lbs/solids	650.52 lbs/solids	800.64 lbs/solids	733.92 lbs/solids	500.40 lbs/solids	517.08 lbs/solids
Total Flow	86,500 gals.	63,500 gals.	32,900 gals.	42,000 gals.	62,350 gals.	55,500 gals.

Mr. Brown informed the Board that we currently are purchasing wood chips from Metzler Forest Products.

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 November was 3.89mgd with the average for the month being 3.63mgd. The average monthly **influent** flow was 4.53mgd. There were no plant inspections this month. 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:

	Nov-16	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	23,000	274,000		
Centre Hills	1,872,000	53,472,000	Nov-16	Nov-16
Cintas	741,000	8,447,000	65.2	61.7
Red Line	232,000	3,479,000		
Uaja Wetland	1,357,000	36,941,000		
Wetland Vault	16,883,000	139,132,000		
Kissingers	1,311,000	11,710,000		
Stewarts	0	6,396		
TOTAL	23,937,500	253,461,396		

Plant Maintenance

- Removed the weir brushes from the Secondary Clarifiers for the winter.
- Replaced the DO membranes in Trains 1 and 2, Zones 3A.
- Rebuilt a 2.4 HP Aeration basin Mixer.
- Received and installed the new salt spreader.
- Installed the spare pump on the Grit Chamber and the old one was repaired and put back in inventory.
- Replaced the outboard bearing sensor on Continental Blower #4.
- Repaired a process air leak and water leak on MF#3.

- Replaced the solids chute on Centrifuge #2.
- Compost Garage Door 208 jammed and will be repaired by Dock and Door.
- Replaced the #80 chain in the Knight Mixer.
- The Street Sweeper was sent to Bortek for repairs.
- We continue to seal the pavement cracks.

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:

New Lateral – 140 Belle Ave.

Lateral Repair – 1763 Princeton Drive

Casting repairs – (3).

Suburban back lot project Phase 2 (Suburban Park) – Construction is 70% complete.

Mainline Televising – (244) ft televised – (2) manholes inspected.

Worked with plant maintenance with locating existing lines.

Lift Station Maintenance:

Working on gas detection meter at Big Hollow station, (Continuing).

Cleaned (5) lift station wet wells.

Rebuilt (2) E-One pump cores.

NEXT MONTH PROJECTS:

Suburban back lot Phase #2.

Mainline TV inspection of 2017 Township paving projects.

Routine pump maintenance at lift stations.

Cleaning of wet wells at lift stations.

Flushing of mains in our service area.

Inspection: Final As-Builts Approved: The Gates Phase 5

Mainline Construction:

a. Hunters Chase Phase 6 – Construction is 75% complete.

New Connections:

a.	Single-Family Residential	12	c.	Commercial	0
b.	Multi-Family Residential	2	d.	Non-Residential	0
					TOTAL
					14

PA One-Calls Responded to 11/1-30/16: 290

Mr. Harter informed the Board that on December 18, 2016 a sinkhole occurred on Brittany Drive. Approximately forty feet of sewer line was replaced/repared by noon. The water authority personnel and UAJA's personnel worked very well together to get the repair complete. There were six customers were affected.

6.6 Engineer's Report

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

Retainer

- Attendance at monthly project status and regularly scheduled board meetings.

Odor Control Study Upgrades

- A design meeting, where 60% design drawings will be presented, is scheduled for December 16, 2016 at 9AM.
- The Preliminary Design phase is currently on schedule and on budget.

Overlook Heights Sanitary Sewer Replacement: Suburban Avenue Backlot

- Construction is still underway and Record Drawings will be prepared when completed.

Special Study for Act 537 Plan Update Revisions

- A meeting was held on November 17th with the Centre Regional Planning Agency (CRPA) to review the scopes of the Special Studies for the Meeks Lane Pump Station and the Extension of Beneficial Reuse service into Harris Township. Scope elements of the studies were reviewed and assigned to the staff of the CRPA, HRG and UAJA.
- A Final TAR submission for the Beneficial Reuse Extension into Harris Township was made on December 8th. From discussions with the DEP reviewer, approval is expected shortly.
- At this time, only the activities for the Reuse Extension study will be performed. The study for the Meeks Lane Pump Station is expected to be started in mid-2017.

Record Drawing and GIS Data Review

- HRG continues to assist staff with compiling Record Drawings and GIS Data for historic projects.

Wetland NPDES Permit: Application for Renewal

- HRG continues to assist staff with the preparation of this permit application.

Developer Plan Reviews:

- No developer design plans are under review, nor are there any to recommend this month

Property Consolidation for Solar Project:

- At the request of RETTEW, HRG is preparing a proposal to provide survey assistance to consolidate adjacent parcels into the Plant parcel.

6.7 Construction Report

No additional comments were presented.

6.8 Executive Director's Report

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

Growing Greener Grants

A new round of growing greener grant money is available. DEP has made it clear in this round that all nutrient credits created by use of Growing Greener funds will be the property of Pennsylvania. Based on this change, it will most likely be better if Growing Greener funds are not used within the Centre Region's portion of the Spring Creek Watershed, so that the nutrient credits and offsets will not be exported from the watershed.

Other Business

**Executive Session
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Dempsey, to adjourn to executive session at 5:25 p.m. The motion passed unanimously.

8. Adjournment

The meeting was adjourned at 5:25 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

R. A. Dempsey

Secretary/Assistant Secretary