

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – September 17, 2014

1. Call to Order

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:06p.m. Wednesday, September 17, 2014. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dempsey, Ebaugh, Guss, Lapinski, McShea, Schmalz, and Spac; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director, Dick Lahr, Collection System Superintendent; Jason Brown, Project Manager; David Gaines, Solicitor; Ben Burns and Dave Swisher, Consulting Engineers; Eric Vorwald and Janet Sulzer, Centre Region; Scott Shearer, Public Financial Management; and Kathy Wheeler, Recording Secretary.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – August 20, 2014

UAJA Meeting Minutes Approved
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A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve the minutes of the UAJA meeting held on August 20, 2014 as submitted. The motion passed unanimously.

3. Public Comment

Ms. Sulzer reported that COG Public Services and Environmental Committee meeting on September 11 it UAJA's request to update the Centre Region's Act 537 was briefly discussed. This request will be forwarded to the Centre Region Planning Commission for consideration at their December 2014 meeting.

4. Old Business

4.1 Compost Seasonal Pricing Structure

Each year, as part of the budget process, staff evaluates the cubic yard price of the compost produced at UAJA. Various production costs as well as the market for our compost are taken into account when evaluating the cubic yard price. The last price increase was in 2004 when the price went from \$4.00 to \$5.00 per cubic yard. Staff is proposing a seasonal rate increase for 2015; the rate would remain at \$5.00 per cubic yard for the months of October through February and increase to \$7.00 per cubic yard for the months of March through September.

Compost Seasonal Pricing Structure Approved
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A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve Compost Seasonal Pricing Structure. The motion passed unanimously.

4.2 Resolution 14-1 Series of 2014 Revenue Bonds and Authorization to Amend and Restate the Swap Agreement

As discussed at the August meeting, the variable rate note needs to be refinanced in November. Mr. Shearer reviewed with the Board the Parameters Sale Document. This resolution authorizes the issuance of sewer revenue bonds to replace the variable rate note and authorizes officers to execute documents needed to complete the refinancing of the variable rate note, including any changes needed to the swap agreement.

Resolution 14-1 Approved

A motion was made by Mr. Lapinski, seconded by Mr. McShea, to approve Resolution 14-1. The motion passed unanimously.

Mr. Miller informed the board that the Authority was notified by Mr. Mellott that he has resigned his position on the Board. Mr. Mellott held the Secretary position therefore a new Secretary needs to be appointed.

Secretary Appointment Approved	A motion was made by Mr. Ebaugh, seconded by Mr. Lapinski, to appoint Brian Dempsey to Secretary of the Board. The motion passed unanimously.
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5. New Business

5.1 2015 Budget

Included in the Board packet was the first draft of our 2015 Budget. Mr. Smith explained the assumptions used to develop the draft and the areas of concern. As previously communicated, the goal is to complete our budget process and have a final budget ready for your approval at the October meeting.

The budget workshop will be held on September 25 at 1 p.m. in which the committee members (Mr. McShea, Mr. Guss and Mr. Lapinski) will discuss the budget line by line with a final draft to be presented to the Board for approval at the October meeting.

5.2 Requisitions

BRIF #107	Lobar Inc. Pay App #17 Big Hollow Pump Station	\$46,753.30
BRIF #108	John Nastase Construction Pay App #1 Wetland and Stream Augmentation	\$133,416.00
BRIF #109	Dale Summit Acquisitions September 2014 Lease Pymt Reuse Water Storage Tanks	\$25,000.00
BRIF #110	Fisher Scientific Glassware washer	\$513.45
BRIF #111	IC & EE Big Hollow SCADA	\$7682.30

Requisitions Approved	A motion was made by Mr. Lapinski, seconded by Mr. Guss, to approve the BRIF # 107-111. The motion passed unanimously.
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7. Reports of Officers

7.1 Financial Report

Mr. Smith reviewed with the Board the YTD budget report for the period ending August 31, 2014.

7.2 Chairman's Report

Mr. Schmalz reported that a meeting was held at the College Township office on September 19, 2014 regarding the reuse water agreement and the reimbursement to College Township Water Authority for reuse water being used by customers.

7.3 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>Mar. 2014</u>	<u>Apr. 2014</u>	<u>May 2014</u>	<u>Jun. 2014</u>	<u>Jul. 2014</u>	<u>Aug. 2014</u>
Production	680 cu/yds.	716 cu/yds.	859 cu/yds.	689 cu/yds.	613 cu/yds.	425 cu/yds.
YTD. Production	2,086 cu/yds.	2,802 cu/yds.	3,661 cu/yds.	4,350 cu/yds.	4,963 cu/yds.	5,388 cu/yds.
Distribution	387 cu/yds.	2,299 cu/yds.	863 cu/yds.	561 cu/yds.	645 cu/yds.	432 cu/yds.
YTD. Distribution	526 cu/yds.	2,825 cu/yds.	3,688 cu/yds.	4,249 cu/yds.	4,894 cu/yds.	5,326 cu/yds.
Immediate Sale	2,772 cu/yds.	1,163 cu/yds.	907 cu/yds.	1,205 cu/yds.	1,247 cu/yds.	1,428 cu/yds.
Currently in Storage	3,452 cu/yds.	1,879 cu/yds.	1,766 cu/yds.	1,894 cu/yds.	1,860 cu/yds.	1,853 cu/yds.

SEPTAGE OPERATIONS

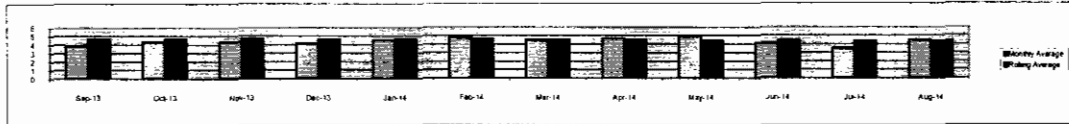
	<u>Mar. 2014</u>	<u>Apr. 2014</u>	<u>May 2014</u>	<u>Jun. 2014</u>	<u>Jul. 2014</u>	<u>Aug. 2014</u>
Res./Comm.	0 gals.	6,500 gals.	10,000 gals.	19,100 gals.	13,300 gals.	0 gals.
* Other Flow	52,500 gals.	66,000 gals.	78,000 gals.	0 gals.	0 gals.	0 gals.
CH/Potter	3,903.12 lbs/solids	9,324.12 lbs/solids	8,239.92 lbs/solids	8,131.50 lbs/solids	12,414.09 lbs/solids	3,144.18 lbs/solids
Port Matilda	1,534.56 lbs/solids	1,718.04 lbs/solids	1,901.52 lbs/solids	1,617.96 lbs/solids	1,768.08 lbs/solids	1,417.80 lbs/solids
Huston Twp.	600.48 lbs/solids	1,100.88 lbs/solids	0 lbs/solids	817.32 lbs/solids	600.48 lbs/solids	567.12 lbs/solids
Total Flow	98,500 gals.	144,500 gals.	153,500 gals.	88,600 gals.	100,300 gals.	39,500 gals.

7.4 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 with no exceptions to our NPDES permit. The 12-month rolling average flow for August was 4.35mgd with the average for the month being 4.47mgd. Please see chart below.



There were no inspections by DEP this month.

Treatment units on line are as follows: primary clarifiers #3, #4, #5 and #6; aeration basins #1 and #2; secondary clarifiers #1, #3 and #4; eight tertiary filters.

Plant Maintenance

- Replaced the Grit Chamber vacuum pump.
- Repaired the concrete loading dock at the Control Bldg.
- Replaced the oil sensor in Primary Air-compressor #1.
- Replaced the motor cooling fan on Utility Water Pump #2.
- Replaced the valve for WAS Pump #4.
- The annual fire extinguisher inspection was performed.
- Repaired the communication circuit for Centrifuge Feed Pump #1.
- Replaced the air line dryer cooling fan in AWT Compressor #2.
- Replaced a hydraulic hose, dolly drive shaft, bearings, and E-stop switch on Composter #1.
- Replaced the agitator power cable on Composter #2.
- Repaired the level by controls on Composter #3.
- Our facility participated in the annual Enernoc Energy Audit. We met our reduction goal.

Reuse Total

Total for 2014-----82,703,800 gallons.
 Total for August 2014-----16,003,500 gallons.
 Total Reuse Water Distributed to Date-----526,667,400 gallons.

7.5 Collection System Superintendent’s Report

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

- (UA) Lateral Installations – (4) 2@517 Boalsburg Pike, 114 Creek Hollow Rd., 107 Harris Ave.
- (UA) Lateral Repairs – (0)
- (UA) Mainline Cleaning – (0) manholes inspected- (0) feet cleaned
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (3)
- (FTA) Lateral Installations – (0)
- (FTA) Lateral Repairs – (0)
- (FTA) Mainline Cleaning – (0) manholes inspected- (0) feet cleaned)
- (FTA) Mainline Repairs – (0)
- (FTA) Manhole Repairs – (0)
- (FTA) Manhole Casting Repairs – (4)

We have completed the N. Allen Street work for this year. We have completed the Big Hollow force-main work with the exception of making the final tie-in.

(A)Construction &(B)I/I Inspection(A)(We TV’d 0 ua/0 fta feet of mainline and inspected 0 ua/0 fta MH’s.) (B)Tested/Grouted – (MH’s grouted ua 0 fta 0 /Joints tested ua 0 fta 0 /grouted ua 0 fta 0/) (Grout used 0/Gal.). Estimated 1/1-flow decreased (0gpd/= 0 EDU’s).

Lift Station Maintenance:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally.
 We cleaned grease out of the wet wells and we repaired the Bioxide pump at Marywood.

Inspection: Final As-builts : Liberty Hill, Phase 2C

Mainline Construction:

- a. CVS, N. Atherton –As-built drawings are being reviewed.
- b. Rockey Ridge, ph2 – Construction is approximately 70% complete.
- c. Villa1 & Villa 2 Apts. Replacement – Construction is approximately 75% complete.
- d. The Gates – As-built drawings are being reviewed.

New Connections:

a.	Single-Family Residential	5	c.	Commercial	2
b.	Multi-Family Residential	0	d.	Industrial	0
					TOTAL
					7

PA One-Calls Responded to 8/1-31/14: **269**

7.6 Engineer’s Report

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

Retainer

- Sewer Model Updates –Staff is updating the GIS data base for geospatial EDU distribution.

Big Hollow Interceptor Rehabilitation

- Contract 09-4/5/6 Big Hollow Diversion Pump Station (General, Mechanical, Electrical)

Contract Summary (as of September 17, 2014, date of Board Meeting)

Notice to Proceed	Contract Time ¹	Substantial Completion ¹	Time Used	% Used
2/26/2013	323	1/15/2014	568	+100%

¹Contract Time and Substantial Completion Date reflect time extension in accordance with applicable Change Orders.

- Contracts 09-4, 09-5, 09-6: Big Hollow Diversion Pump Station
 - ✓ Construction Conference No. 18 was held on September 4, 2014.
 - ✓ Contractor and Owner mutually agreed to postpone mediation until project completion for Engineer’s denial of costs for flooding.
 - ✓ Contractor requested time extensions
 - Delays associated with wet weather
 - Delays associated with delay in permanent power
 - Delays associated with cold weather
 - Delays associated with relocation of sewer line
 - ✓ Contractor submitted an additional claim for storm runoff that impacted the site on August 20, 2014.
 - ✓ New wet well covers have been installed.
 - ✓ Flow diversion has occurred and the station has been operating on the 100 Series Pumps and the 20-inch forcemain.
 - ✓ Lining of 36” highway crossing installed and tested.

- ✓ Working with Contractors to relocate the floats and transducer in the wet well nearest to Fox Hollow Road.
- ✓ Work remaining:
 - Hydrostatic test of 36” forcemain completed
 - Final tie-ins occurred during the week of September 8th.

Start-up of 200 Series Pumps scheduled for week of Board meeting.

Contract Changes (Change Orders/Work Change Directives)

The following summarizes the status of all Contract Changes requested, approved, or pending:

No.	Contract	Description	Amount	Notes
CO 4-1	GC	Delete requirement for obtaining Building Permit.	(\$20,543.11)	Executed
CO 4-2	GC	Additional Code Requirements	16,818.99	Executed
CO 4-3	GC	Shorten Factory Pump Cable Lengths	(\$9,135.00)	Executed
CO 4-4	GC	Additional Time for Rain Events	21 Days	Mediation
CO 4-5	GC	Modified Grading/Deletion of Field Controls	\$1,210.74	Time Requested
CO 4-6	GC	Relocate Sewer on north side of I-99	\$3,962.41	Executed
CO 6-1	EC	Add Junction Box & Wiring/Upsize main breaker	\$4,492.70	Executed
CO 6-2	EC	Provide Starters for EF-1, EF-2, and SF-1	\$ 4,168.45	Recommended
COR 4-2	GC	Upcharge for window frame color selection	\$875.00	Rejected
COR 4-4	GC	Additional Compensation for Rain Events	\$125,270.46	Rejected
WCD 4-4	GC	Cut through concrete encasement on 36” pipe	Developing	Recommended

Applications for Payment

The following Applications for Payment were received and are recommended for approval, as follows:

Contr. No.	Contract	Contractor	App No.	Amount
09-4	General	Lobar, Inc.	17	\$46,753.30
09-5	Mechanical	Port Vue	--	\$ --
09-6	Electrical	Lepley Electric	--	\$ --
				\$46,753.30

Constructed Wetlands

- ✓ Construction Conference No. 2 was held on September 10th.
- ✓ Stream crossing installed (directional drill)
- ✓ Distribution piping installed and tested
- ✓ Contractor is working to install pressure reducing valve stations and plow wetland areas

Applications for Payment

The following Applications for Payment were received and are recommended for approval:

Contr. No.	Contract	Contractor	App No.	Amount
14-9	General	John Nastase	1	\$133,416.00
				\$133,416.00

Radio Park Interceptor

- Finalized hydraulic model update for the Radio Park Sewershed using survey data

collected for manholes at Atherton Street crossing. Existing EDU distribution and allocation was completed by counting EDUs for single residential units and consulting with UAJA staff for multiple EDU connections. Future modeling was completed using Centre Region Planning's build-out analysis.

Selders Circle Sewer Relocation

- Stake-out completed.
- HRG is available as needed to assist with construction activities.

Ghaner Road Pump Station

- Temporary communication is established with the radio, but information is limited.
- Plan for "worst case" scenario simulation.
- PLC programming updates scheduled for September 18th.

Odor Control Study

- Public outreach meeting and plant tour occurred on August 20, 2014. Meeting was well attended.
- Summer sampling even occurred on August 21, 2014. Results are being tabulated.

7.7 Executive Director's Report

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

Act 537 Plan

UAJA's request for an update to the Centre Region Act 537 plan was briefly discussed at the COG Public Services and Environmental Committee meeting September 11, 2014. The item was presented as information. No formal action was required, and none was taken. The matter will be presented to the Centre Region Planning Commission for consideration, most likely at the December meeting. CRPC would likely refer the matter back to the Public Services and Environmental Committee with a recommendation. The earliest that it is likely to appear on a General Forum agenda for action is January 2015.

Storm Water Grant

No funds received.

Songer/Balkey Request

Received correspondence from Clearwater Conservancy regarding Mr. Songer/Balkey's request. After researching through the history it was noted that in 2005 COG took action that the CBICC should do a program with EPA guidelines. It was never followed through.

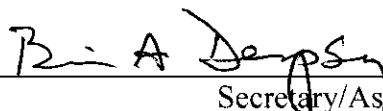
8. Other Business

9. Adjournment

The meeting was adjourned at 5:33 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary