

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – June 15, 2016

1. Call to Order

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:04 p.m. Wednesday, June 15, 2016. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dietz, Ebaugh, Guss, McShea, Nucciarone, Schmalz and Spak; Cory Miller, Executive Director, Mark Harter, Collection System Superintendent; Art Brant, Plant Superintendent; Jason Brown, Project Manager; Dick Campbell and David Gaines, Solicitors; Ben Burns and Tom Holleran, Consulting Engineers; Mark Whitfield, State College Borough; Sharon Bressler, CRCP; Tom Songer, Laura Dininni and Al Matyasovsky.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – May 18, 2016

UAJA Meeting Minutes Approved
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A motion was made by Mr. McShea, seconded by Mr. Guss, to approve the minutes of the UAJA meeting held on May 18, 2016 as corrected. The motion passed unanimously.

3. Public Comment

Mr. Matyasovsky reviewed with the Board his professional background giving detail to some of his major accomplishments. Mr. Matyasovsky stated that he is a consultant for Mr. Songer and has been doing research on EDU's. Mr. Matyasovsky recommends that the Board form a committee of Board members and from the community to begin dialog into the billing structure. Mr. Matyasovsky stated that he would be willing to mediate such a meeting. The Board discussed the nutrient credit impact, the rate structure and the need for updating the Act 537 Plan if the municipalities want to direct how UAJA should bill their customers.

4. Old Business

4.1 Power Purchase

UAJA's contract for power expires in December 2016. The power market is lower now than our current contract price. This would be a good time to bid our power. Staff has been evaluating options and believes that participating in an EMEX, LLC energy auction is appropriate. Up to 13 power providers will bid on our power through an internet auction. The auction will occur before the July Board meeting. Accepting the bid will need to take place within the same day of the auction. A parameters resolution was presented at the meeting which will authorize the Executive Director to approve the contract. This is very similar to what we have done in the past with pricing bond issues.

Power Purchase Approved

A motion was made by Mr. McShea, seconded by Mr. Ebaugh, to approve the parameters resolution authorizing the Executive Director to approve the contract. The motion passed unanimously.

4.2 Long Range Financial Model

UAJA is likely to have several significant capital projects in the near future. While we do not yet know the costs of these projects, we do have some reasonable estimates. The long range

financial model will show how the projects impact debt service, rates, and tapping fees. Staff presented a few “what if” scenarios to give the Board an idea of the range of the impacts.

5. New Business

5.1 Requisitions

BRIF #222	Dale Summit Acquisitions June 2016 Lease Payment	\$25,000.00
BRIF #223	HRG Suburban Backlot Eng.	\$8,836.96
BRIF #224	Lake Chevrolet Unit 28 Accessories	\$458.00
BRIF #225	Rettew Dewatering Controls	\$6717.00
TOTAL BRIF		\$41,011.96

**Requisitions
Approved**

A motion was made by Mr. Dietz, seconded by Mr. Nucciarone, to approve the BRIF Requisitions #222-225. The motion passed unanimously.

6. Reports of Officers

6.1 Financial Report

Mr. Miller reviewed with the Board the YTD budget report for the period ending May 31, 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>Dec. 2015</u>	<u>Jan. 2016</u>	<u>Feb. 2016</u>	<u>Mar. 2016</u>	<u>Apr. 2016</u>	<u>May 2016</u>
Production	962 cu/yds.	927 cu/yds.	706 cu/yds.	694 cu/yds.	657 cu/yds.	749 cu/yds.
YTD. Production	8,827 cu/yds.	927 cu/yds.	1,633 cu/yds.	2,327 cu/yds.	2,984 cu/yds.	3,733 cu/yds.
Distribution	439 cu/yds.	424 cu/yds.	618 cu/yds.	898 cu/yds.	835 cu/yds.	786 cu/yds.
YTD. Distribution	8,857 cu/yds.	424 cu/yds.	1,042 cu/yds.	1,940 cu/yds.	2,775 cu/yds.	3,561 cu/yds.
Immediate Sale	1,304 cu/yds.	1,842 cu/yds.	2,151 cu/yds.	1,989 cu/yds.	1,794 cu/yds.	1,665 cu/yds.
Currently in Storage	2,266 cu/yds.	2,769 cu/yds.	2,857 cu/yds.	2,683 cu/yds.	2,451 cu/yds.	2,414 cu/yds.

SEPTAGE OPERATIONS

	<u>Dec. 2015</u>	<u>Jan. 2016</u>	<u>Feb. 2016</u>	<u>Mar. 2016</u>	<u>Apr. 2016</u>	<u>May 2016</u>
Res./Comm.	0 gals.	0 gals.	0 gals.	14,800 gals.	0 gals.	6,600 gals.
CH/Potter	7,447.62 lbs/solids	4,657.89 lbs/solids	6,138.24 lbs/solids	7,697.82 lbs/solids	7,643.61 lbs/solids	8,348.34 lbs/solids
Port Matilda	1,668.00 lbs/solids	1,517.88 lbs/solids	1,501.20 lbs/solids	1,601.28 lbs/solids	1,684.68 lbs/solids	3,319.32 lbs/solids
Huston Twp.	0 lbs/solids	1,000.80 lbs/solids	767.28 lbs/solids	800.64 lbs/solids	1,034.16 lbs/solids	0 lbs/solids
Total Flow	72,500 gals.	61,500 gals.	75,500 gals.	86,800 gals.	67,500 gals.	74,600 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 May was 4.12mgd with the average for the month being 3.27mgd. The average monthly **influent** flow was 4.78mgd. 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 #2, #3, and #4; eight tertiary filters.

Below is the chart for Reuse Distribution and Temperature Data:

	May-16	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	21,000	119,000		
Centre Hills	7,820,000	9,986,000	May-16	May-16
Cintas	758,000	3,826,000	63.1	61.2
Red Line	310,000	1,944,000		
Uaja Wetland	4,707,000	20,145,000		
Wetland Vault	15,075,000	57,052,000		
Kissingers	1,098,000	5,426,000		
Stewarts	296	296		
TOTAL	23,891,000	98,498,296		

Plant Maintenance

- Replaced the heat pump for the SCADA room.
- Replaced AV-13 on MF#2.
- Planted trees at the GDK Wetlands.
- Replaced a manual valve and a check valve on the RO Unit.
- Poured a concrete slab under the long belt to prevent any spillage onto the ground.
- Replaced the scrapers on the short belt.
- Replaced the hydraulic cooling fan contactor and relays in Composter #1.
- Cleaned the Bio-Filter.
- Replaced the signal isolator for Pump #2 at the Main Station.
- Replaced the gearbox on Polymer Tank #2.
- Removed trees from the detention basins.
- Replaced the pump head on Carbon Feed Pump #1.

- Replaced the control transformer for the Polymer System.

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 repairs (1) – 252 Strouse Ave...

Mainline cleaning – (7) manholes inspected / (2,174) ft. of mainline cleaned.

Mainline televising for new construction - (1071.2) ft. televised (6) manholes inspected.

Casting repairs – (1).

Suburban back lot project – Phase 1 (N. Allen St. to N. Atherton St.) piping complete (799’ft), started restoration.

Phase 2 (Suburban Park) awaiting permits.

Lift Station Maintenance:

Replaced capacitor, starter and impeller at Scenery Park station.

Repaired (1) E-One pump core.

Cleaned (7) lift station wet wells.

TRAINING:

Electrical training completed – Morgan Miller and Troy Rimmey.

Flygt training completed – Bill Heckman.

Drivers training – Morgan Miller.

Generator training – Morgan Miller and Troy Rimmey.

NEXT MONTH PROJECTS:

Rebuild check and plug valves at Scott road station.

Lateral and main repairs on 2nd Ave. (Woodycrest).

Lateral repair on W. Hillside.

Inspection: Final As-Builts Approved: Stearns Crossing Ph. 8

Mainline Construction

- a. North Atherton Place – We are awaiting As-Builts.
- b. Canterbury Crossing Lot 33 ph. 1B – construction is 95% complete.
- c. Rocky Ridge Section 3 – We are awaiting As-Builts.
Section 4 – Started construction.

New Connections:

a. Single-Family Residential	9	c. Commercial	0
b. Multi-Family Residential	0	d. Non-Residential	0
			TOTAL
			9

PA One-Calls Responded to 5/1-31/16: 355

6.6 Engineer’s Report

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

Retainer

- The annual NPDES SW inspection has been completed.

Standard Specifications and Details Update

- Final documents have been provided to Staff for publishing on the Authority's web site.

Odor Control Study Upgrades

- An engineering services proposal for design, permitting, and construction phase services for the development of the selected alternative has been provided to Staff for review.

Big Hollow Force Main Evaluation

- UAJA is purchasing the recommended equipment for installation at the second air release/vacuum valve.

Overlook Heights Sanitary Sewer Replacement: Suburban Avenue Backlot

- The Sewage Facilities Planning Module has been adopted by the Ferguson Township Supervisors. The package will now be submitted to the PA DEP.
- The GP-5 (Utility Line Stream Crossings) Permit Application has been submitted to the Centre County Conservation District.

Meeks Lane Pump Station and Force Main Design

- The basis of design report has been provided to Staff for review.

Developer Plan Reviews:

- Three (3) developer submissions were received, no design plans to recommend for this meeting.
- Stearns Crossing Phase 8 – As Built plans, review completed and recommended to Staff for approval.
- Nittany Valley Sports Centre - Design plans, review comments have been provided to the developer's engineer.
- North Atherton Retail Centre, As-Built plans, review comments have been provided to the developer's engineer

Wetland Flow Meter

- Daily flow data is being collected from the meter's integral logger.
- An approach to providing a 12-24VDC power supply to the meter to enable the use of the external logger was provided, which included a solar panel with batter pack and a DC powered Act-Pak.

6.7 Construction Report

None.

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.

PennVest Nutrient Auction Results

PennVest conducted an auction for Nitrogen and Phosphorus credits June 8, 2016. No Phosphorus credits were offered for sale in the auction. 6,739 pounds of Nitrogen were traded at \$2.81 per pound. In the second round of the auction, no transactions were matched. The results of the auction confirm UAJA's projection that based on the changes made by DEP in January, the market would have fewer credits available for purchase, and that the price would be higher. The next auction is September 7, 2016. To put a scale to the results, the 6,739 pounds traded is only 10.6 percent of the credits UAJA would need to buy to offset our current practice of feeding Carbon to reduce Nitrogen.

7. Other Business

None

8. Adjournment

The meeting was adjourned at 5:04 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary