

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – July 18, 2012**

**1. Call to Order**

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, July 18, 2012. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Lapinski, McShea, Mellott, Schmalz, Spac, and Zeigler; Cory Miller, Executive Director, Dick Lahr, Collection System Superintendent; Art Brant, Plant Superintendent; Jason Brown, Project Manager; David Gaines, Solicitors; Doug Weikel, and Ben Burns, Consulting Engineers; Chris Bamber, Public Financial Management, Janet Sulzer, Centre Region Planning; Tom Smida and Bernadette Battens, Mette & Evans; and Kathy Wheeler, Recording Secretary.

**2. Reading of the Minutes**

**2.1 UAJA Regular Meeting – June 20, 2012**

<b>UAJA Meeting Minutes Approved</b>
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A motion was made by Mr. McShea, seconded by Mr. Zeigler, to approve the minutes of the UAJA meeting held on June 20, 2012. The motion passed unanimously.

**3. Public Comment**

Ms. Sulzer informed the Board that the development of Canterbury Crossings 4 & 5 have been approved by College Township. This project will be completed in three phases with 131 townhomes.

**4. Old Business**

**4.1 Series 2003A Bond Refinancing**

The schedule for the refinancing has been delayed slightly. Instead of pricing the bonds July 18, a parameters resolution was presented by bond counsel for adoption that authorizes the Executive Director to approve the refinancing if the target savings is achieved. A summary of the pricing was distributed and reviewed by Mr. Bamber.

<b>Series 2003A Bond Refinancing Approved</b>
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A motion was made by Mr. Zeigler, seconded by Mr. Mellott, to approve the parameters resolution as presented. The motion passed unanimously.

**5. New Business**

**5.1 Final Design Gray's Woods Planned Community Town Center Phase 6**

Final design drawings for the Gray's Woods Planned Community Town Center Phase 6 sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 137 townhomes and 13 single family homes for a total of 150 EDUs. The review comments have been addressed.

<b>Final Design Gray's Woods Planned Community Town Center Phase 6 Approved</b>
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A motion was made by Mr. Lapinski, seconded by Mr. Spac, to approve Final Design Gray's Woods Planned Community Town Center Phase 6. The motion passed unanimously.

**5.2 Final Design Eastview Plaza**

Final design drawings for the Eastview Plaza (College Township) have been received and reviewed by staff and our consulting engineer. The project will remove the grinder pump station and abandon the forcemain. The flow will go gravity to Stocker’s then to here. The review comments have been addressed.

**Final Design Eastview  
Plaza Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve Final Design Eastview Plaza. The motion passed unanimously.

**5.3 Requisitions**

2010 Construction Fund #44	Heberling Associates (Wetland Archeological Study)	\$2806.94
2010 Construction Fund #45	Pitney Bowes (billing machine)	\$12,312.00
2010 Construction Fund #46	Lake Chevrolet (Two 2012 Chevy Colorado work trucks)	\$37,929.03

**Requisition  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve the 2010 Construction Fund requisitions # 44, 45 & 46. The motion passed unanimously.

Revenue Fund #123	Debt Service, Operating and Maintenance Expenses	\$1,000,000
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**Requisition  
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to approve the Revenue Fund requisition #123. The motion passed unanimously.

**6. Reports of Officers**

**6.1 Financial Report**

Mr. Smith reviewed with the Board the YTD budget report for the period ending June 30, 2012.

**6.2 Chairman’s Report**

Mr. Schmalz reported that he will not be in attendance for the August meeting.

**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**

<b><u>Jan. 2012</u></b>	<b><u>Feb. 2012</u></b>	<b><u>Mar. 2012</u></b>	<b><u>Apr. 2012</u></b>	<b><u>May 2012</u></b>	<b><u>Jun. 2012</u></b>
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<b>Production</b>	738 cu/yds.	765 cu/yds.	698 cu/yds.	778 cu/yds.	763 cu/yds.	729 cu/yds.
<b>YTD. Production</b>	738 cu/yds.	1,503 cu/yds.	2,201 cu/yds.	2,979 cu/yds.	3,742 cu/yds.	4,471 cu/yds.
<b>Distribution</b>	169 cu/yds.	286 cu/yds.	947 cu/yds.	626 cu/yds.	2,493 cu/yds.	893 cu/yds.
<b>YTD. Distribution</b>	169 cu/yds.	455 cu/yds.	1,402 cu/yds.	2,028 cu/yds.	4,521 cu/yds.	5,414 cu/yds.
<b>Immediate Sale</b>	2,497 cu/yds.	2,949 cu/yds.	2,704 cu/yds.	2,777 cu/yds.	778 cu/yds.	593 cu/yds.
<b>Currently in Storage</b>	3,235 cu/yds.	3,714 cu/yds.	3,402 cu/yds.	3,555 cu/yds.	1,541 cu/yds.	1,322 cu/yds.

**SEPTAGE OPERATIONS**

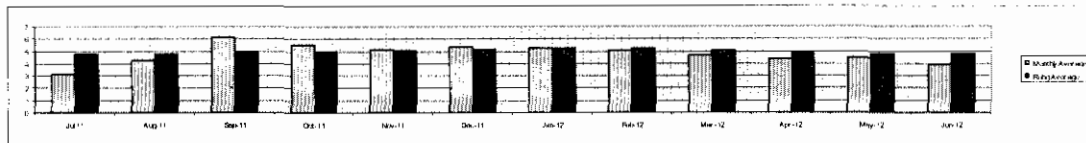
	<u>Dec. 2011</u>	<u>Jan. 2012</u>	<u>Feb. 2012</u>	<u>Mar. 2012</u>	<u>Apr. 2012</u>	<u>May 2012</u>
<u>Res./Comm.</u>	<u>Jan. 2012</u>	<u>Feb. 2012</u>	<u>Mar. 2012</u>	<u>Apr. 2012</u>	<u>May 2012</u>	<u>Jun. 2012</u>
<b>* Other Flow</b>	0 gals.	0 gals.	2,500 gals.	0 gals.	8,400 gals.	0 gals.
<b>CH/Potter</b>	0 gals.	0 gals.	0 gals.	0 gals.	159,064 gals.	1,163,258 gals.
<b>Port Matilda</b>	5,787.13 lbs/solids	4,395.18 lbs/solids	8,277.45 lbs/solids	3,198.39 lbs/solids	7,589.40 lbs/solids	5,312.58 lbs/solids
<b>Huston Twp.</b>	2,001.60 lbs/solids	1,701.36 lbs/solids	1,601.28 lbs/solids	1,434.48 lbs/solids	1,901.52 lbs/solids	1,884.84 lbs/solids
<b>Total Flow</b>	241.86 lbs/solids	717.24 lbs/solids	650.52 lbs/solids	1,284.36 lbs/solids	1,034.16 lbs/solids	0 lbs/solids

**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 with no exceptions to our NPDES permit. The 12-month rolling average flow for June was 4.77mgd with the average for the month being 3.89mgd. Please see chart below.



There were no inspections of our facility by D.E.P. this month.

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

**Plant Maintenance**

- Replaced weir brushes in Secondary Clarifier #2.
- An air diffuser broke in Train #1 and was taken off-line. Train #2 was put on line.
- Serviced all the Aeration Basin Mixers.

- Replaced the power cables for Tank#3 AM-512 Tank mixer. The wiring was shorted.
- Installed low level shut-off floats in the RAS wet well and programmed the PLC.
- The power transformer for the Mountain tanks was damaged during an electrical storm. A new transformer was ordered.
- Replaced the MF Memclean line.
- Cleaned Primary Sludge Tanks #1 and #2. Tideflex diffusers were also installed.
- Replaced the polymer mixer motor.
- Replaced the 120 chain in the Knight Mixer.
- Replaced the UPS for the Compost computer.
- We continue repairing the high bay lights in Compost.

**Reuse Total**

Total for 2012-----63,446,800 gallons.  
 Total for June 2012-----13,635,200 gallons.  
 Total Reuse Water Distributed to Date-----314,455,700 gallons.

**6.5 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.

**Mainline Maintenance:**

- (UA) Lateral Installations – (0)
- (UA) Lateral Repairs – (9) Various locations in Patton Twp for paving projects
- (UA) Mainline Cleaning – (0) manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – (3) Various locations in Patton Twp for paving projects
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (0)
- (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 – (0)

We have installed 100% of the 20” and the 36” force main pipe required at Big Hollow. All the pipe has been tested and passed. We are done on this project for this year.

(A)Construction &(B)I/I Inspection: ; (A)(We TV’d 1,196 ua/0 fta feet of mainline and inspected 12 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 I/I-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.

**Inspection:** Provisional As-builts Approved: None

**Mainline Construction:**

- a. Aikens-Boalsburg – Construction is complete. As-builts are in revision.
- b. Rocky Ridge, ph1 – Construction is complete with the exception of one lateral and put on hold by the Developer.
- c. Hospital Expansion – New lateral construction is approximately 98% complete and is on hold for other work.

**New Connections:**

a. Single-Family Residential	10	c. Commercial	1
b. Multi-Family Residential	0	d. Industrial	0

TOTAL 11

PA One-Calls Responded to 6/1-30/12: 296

## 6.6 Engineer's Report

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

### Retainer

- Bionol – provided assistance to staff with recommended data collection to assist in biological re-rate of the WWTP.
- Source Water Permitting – Began discussing with staff steps to begin the process.
- Odor Control RFP - Provided staff assistance and information regarding the Odor Study RFP.

### Big Hollow Interceptor Rehabilitation

- Contract 09-2:Big Hollow Forcemain Installation and Appurtenances  
HRG remains available to provide assistance to the UAJA construction crew as needed.
- Contract 09-4/5/6 Big Hollow Diversion Pump Station (General, Mechanical, Electrical)  
Right-of-way drawings have been forwarded to Penn State who has requested additional notations on the drawings as well as metes and bounds descriptions as well as CADD files of the permanent pump station easement. We have coordinated with the solicitor to modify the existing agreement. We have received WQM Part II Permit and PennDOT HOP for the I-99 crossing and the driveway HOP. We have received right-of-ways and have advertised to receive Bids on July 27<sup>th</sup>. It is anticipated an addenda will be issued.

### Constructed Wetlands

HRG is preparing the design for the wetland construction which includes two stream augmentation discharges. The following lists permit applications:

- The third draft NPDES Permit was published in the PA Bulletin which is based on Class A limits (as opposed to Class A+). We attended a meeting with PA DEP, UAJA and Hill & Associates to discuss our concerns. We also provided GPS coordinates of all connections to the ponds in the golf course area.
- DEP/ACE Joint Permit Application for the water obstruction - submitted.
- Chapter 102 Permit Application – submitted.
- The Phase 1A and Phase 1B Archaeological Surveys have been completed.
- ACE has completed their review of the project and provided DEP & PHMC clearance to continue. We coordinated with Heberling & Associates for their Phase 2 Archaeological survey. Heberling completed the report and has submitted it to PHMC.

### UV Tank Cover System

The substantial completion date is 1/25/2012 with Final Completion by 2/25/2012. A Change Order has been issued granting a time extension until May 31<sup>st</sup> and have continually notified the Contractor of liquidated damages. The Contractor's additional request for more time was denied. We have met with the Contractor and Manufacturer to review issues including misalignments.

### Radio Park Interceptor

The project includes an analysis of the interceptor by updating/validating the flow modeling completed in 2005.

- Reviewed flow model and provided capacity data for Planning Module Assistance for a 165,000 gpd development.
- Prepared and submitted an interim summary of flow monitoring results to the PA DEP.
- Recommended the relocation of monitoring sites for additional data collection.
- Current and projected EDU evaluation is ongoing.
- Updating the Component 3 Planning Module to reflect the results of the flow study.

#### **Administration Roof Replacement**

Reviewed the existing condition of the Administration Building Roof and began to develop replacement specifications for bidding.

#### **6.7 Executive Director's Report**

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

Mr. Miller informed the Board that Centre Region is constructing park land in Oak Hall. They have requested compost for this project. The Board instructed Mr. Miller to inform the Centre Region that the compost will be donated to their project.

#### **7. Other Business**

##### **7.1 Executive Session**

<b>Executive Session</b>
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A motion was made by Ms. Barnes, seconded by Mr. McShea, to adjourn to executive session at 5:10 p.m. The motion passed unanimously.

#### **8. Adjournment**

The meeting was adjourned at 5:10 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

  
Secretary/Assistant Secretary