

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – November 16, 2011**

**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, November 16, 2011.

**2. Roll Call**

The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Ballenger, Ebaugh, Lapinski, McShea, Schmalz, Spac, Zeigler and Barnes; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Brown, Project Manager; Dick Campbell & Dave Gaines, Solicitor; Doug Weikel, and Ben Burns, Consulting Engineers; Janet Sulzer, Centre Region Planning; Chris Bamber, Public Financial Management; Robert Moore, Mette, Woodside and Evans; and Kathy Wheeler, Recording Secretary.

**3. Reading of the Minutes**

**3.1 UAJA Regular Meeting – October 19, 2011**

**UAJA  
Meeting Minutes  
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to approve the minutes of the UAJA meeting held on October 19, 2011 with the clarification in the motion under 5.1 in regards to the motions and actions that were rescinded for the Constant Maturity Swap Termination and to the motion under 8.1 for the Salary Increase for all non union employees. The motion passed unanimously.

**4. Public Comment**

None

**5. Old Business**

**5.1 Series 2006 Bond Refinancing**

At the October meeting our financial consultant, Public Financial Management (PFM) reviewed the possibility of refinancing the 2006 bonds. Nearly all of the preparations have been completed. PFM will be present to review the current financial status, and recommend any action to proceed with the refinancing.

**Series 2006 Bond  
Refinancing Resolution  
# 1  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to adopt the Resolution for the issuance of the bonds contemplated by Janney Montgomery Scott LLC. Motion passed unanimously.

**Series 2006 Bond  
Refinancing Resolution  
#2  
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Spac, to adopt the Resolution for the Notice of Redemption for the 2006 Bonds maturing on November 1, 2012 for redemption on December 22, 2011. Motion passed unanimously.

**Series 2006 Bond  
Refinancing Resolution  
#3  
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Lapinski, to adopt the Resolution for the Tenth Supplemental Indenture to a Trust Indenture dated as of November 1, 1993 to authorize issuance of \$6,375,000 Sewer Revenue Bonds - Series A of 2011. Motion passed unanimously.

**5.2 2012 Budget**

The draft budget was reviewed by staff and the Board. The budget sub-committee will meet with staff on December 7 beginning at 8:30 a.m.

**6. New Business**

**6.1 Requisitions**

2010 Construction Fund #32	2012 International Tandem Dump Truck	\$149,812.75
2010 Construction Fund #33	Unit #10 replacement truck	\$47,814.00

**Requisitions  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Ebaugh, to approve the 2010 Construction Fund Requisition # 32 and 33. The motion passed unanimously.

**7. Reports of Officers**

**7.1 Financial Report**

Mr. Smith reviewed with the Board the YTD budget report for the period ending October 31, 2011.

**7.2 Chairman's Report** – Nothing to report.

**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>May 2011</u>	<u>Jun. 2011</u>	<u>Jul. 2011</u>	<u>Aug. 2011</u>	<u>Sep. 2011</u>	<u>Oct. 2011</u>
<b>Production</b>	812 cu/yds.	654 cu/yds.	717 cu/yds.	796 cu/yds.	749 cu/yds.	731 cu/yds.
<b>YTD. Production</b>	3,858 cu/yds.	4,512 cu/yds.	5,229 cu/yds.	6,025 cu/yds.	6,774 cu/yds.	7,505 cu/yds.
<b>Distribution</b>	628 cu/yds.	1,361 cu/yds.	1,313 cu/yds.	517 cu/yds.	789 cu/yds.	596 cu/yds.
<b>YTD. Distribution</b>	1,722 cu/yds.	3,083 cu/yds.	4,396 cu/yds.	4,913 cu/yds.	5,702 cu/yds.	6,298 cu/yds.
<b>Immediate Sale</b>	957 cu/yds.	1,542 cu/yds.	873 cu/yds.	1,073 cu/yds.	957 cu/yds.	1,110 cu/yds.
<b>Currently in Storage</b>	1,769 cu/yds.	1,607 cu/yds.	1,590 cu/yds.	1,869 cu/yds.	1,706 cu/yds.	1,841 cu/yds.

SEPTAGE OPERATIONS

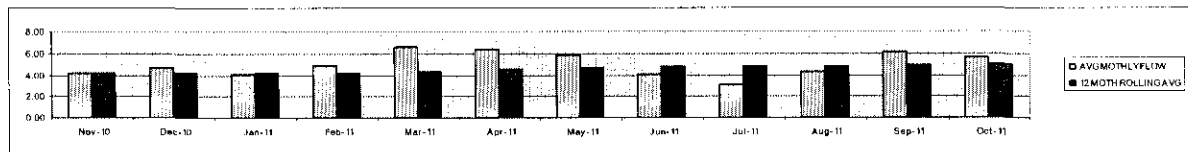
	<u>May 2011</u>	<u>Jun. 2011</u>	<u>Jul. 2011</u>	<u>Aug. 2011</u>	<u>Sep. 2011</u>	<u>Oct. 2011</u>
<b>Res./Comm.</b>	18,450 gals.	28,700 gals.	49,200 gals.	14,400 gals.	22,000 gals.	11,500 gals.
<b>* Other Flow</b>	59,400 gals.	0 gals.	0 gals.	0 gals.	0 gals.	70,200 gals.
<b>CH/Potter</b>	7,047.30 lbs/solids	6,938.88 lbs/solids	4,445.22 lbs/solids	4,878.90 lbs/solids	5,800.47 lbs/solids	5,583.63 lbs/solids
<b>Port Matilda</b>	2,368.56 lbs/solids	1,918.20 lbs/solids	1,384.44 lbs/solids	550.44 lbs/solids	600.48 lbs/solids	867.36 lbs/solids
<b>Huston Twp.</b>	450.36 lbs/solids	263.54 lbs/solids	550.44 lbs/solids	1,167.60 lbs/solids	0 lbs/solids	517.08 lbs/solids
<b>Total Flow</b>	164,350 gals.	102,200 gals.	99,200 gals.	64,900 gals.	81,500 gals.	134,700 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 October was 5.00mgd with the average for the month being 5.56mgd. Please see chart below.



There were no inspections by DEP this month.

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

The Total Nitrogen results for October is 8195 lbs.

##### Plant Maintenance

- Replaced the power board in the Main Station Accu-Sine.
- Replaced the tank level transducers at Dewatering.
- Installed a tank level gauge in the Carbon Feed Tank.
- Optimum Controls continues to repair the SCADA System.
- Repaired outdoor lighting.
- Repaired the starter in the street sweeper.
- Repaired burnt wiring in the control panel for Agitator #2.
- Cleaned the Bio-Filter.
- Replaced the SSCR for mixer AM-505.

- Repacked Utility Water Pump #2.
- Replaced the over torque switch on Primary Flight Drive #4.

**Reuse Total**

Total for 2011-----71,381,500 gallons.  
 Total for October 2011-----9,534,000 gallons.  
 Total Reuse Water Distributed to Date-----234,680,900 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.

**Mainline Maintenance:**

- (UA) Lateral Installations – (1) 1312 Charles Street
- (UA) Lateral Repairs – (0)
- (UA) Mainline Cleaning – (23manholes inspected- 3553 feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0) Installed reflective marker posts on 40 interceptor manholes
- (UA) Manhole Casting Repairs – (7)
- (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 approximately 45% of the force main pipe required at Big Hollow plus 1 air relief valve and 1 drain manhole. We planted some trees and shrubs that were owed at the Cricklewood job. We lengthened the culvert pipe under the entrance to the Scott Road station in order to accommodate more than one big pumper truck at any one time, and to make access easier to maneuver for these trucks.

**(A)Construction &(B)I/I Inspection:** (A)(We TV’d 800 ua/0 fta feet of mainline and inspected 5 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). We are continuing to monitor flow meters in the service area.

**Lift Station Maintenance:**

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We completed changing oil and checking seals. We rebuilt the pumps at the Ghaner #2 and Piney Ridge stations. We also repaired one of the E-1 grinder pumps.

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

**Mainline Construction:**

- a. Aikens-Boalsburg – Construction is approximately 92%complete.
- b. Rocky Ridge, ph1 – Construction is approximately 95% complete and put on hold by the Developer.
- c. Hospital Expansion – New lateral construction is approximately 98% complete and is on hold for other work.
- d. Old Block Road Extension – Construction has been restarted from the beginning connection.
- e. Second Mile – Construction stopped due to a lack in funding.

**New Connections:**

a.	Single-Family Residential	9	c.	Commercial	1
b.	Multi-Family Residential	0	d.	Industrial	0

**TOTAL 10**

PA One-Calls Responded to10/1-31/11: **223**

## 7.6 Engineer’s Report

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

### Retainer

- Big Hollow Interceptor:
  - Investigated large undermining of the Big Hollow interceptor where it crosses Big Hollow caused by recent flooding events.
  - HRG continues to coordinate with stakeholders including Staff and Penn State.
  - Investigating long-term solutions including siphon, downstream crossing, multiple barrel designs as well as pump station alternatives.
- Scott Road Pump Station – Obtained an updated cost to install VFDs to address vibrations, but a reduction in soft start ramp times seems to have resolved this issue.
- Provided executed Consulting Engineer’s Certificate for the refinancing
- Provided budgetary estimates for 2012 projects.

### Big Hollow Interceptor Rehabilitation

- Contract 09-2: Big Hollow Forcemain Installation and Appurtenances  
Stake-out of the forcemain was completed for use by the UAJA’s field crew.
- Contract 09-3: Big Hollow Siphon and Highway Crossing: Notified Contractor of a warranty item.
- Contract 09-4/5/6 Big Hollow Diversion Pump Station (General, Mechanical, Electrical)  
The diversion chamber has been re-designed to accommodate its relocation, pumps have been re-designed and electrical/control design has commenced. Draft Plans have been reviewed with Staff and an architectural submission has been made to Penn State, with an upcoming submission to Centre Region Code following Penn State comments. We are coordinating exterior architectural finish concerns with Penn State. The site has been re-designed due to the effects of TS Lee and we have provided Penn State with increased easement areas. Currently we are coordinating with Allegheny Power for final electrical design. Anticipated bidding will be in the next few months.

### Mt. Nittany Extension and Storage Tanks

The relocation of the water storage tanks has been progressing. HRG has provided periodic site inspection and has coordinated with a specialty tank inspector for protective coatings and weld x-rays. During the project, additional tank requirements/recommendations that were not included in the original capital lease have been identified. These requirements/recommendations are summarized below.

### Change Orders

CO#	Estimated Amount	Reason
1	+ \$50,000.00	Safety updates to access ladder, Internal piping for fill/withdraw
2	+\$54,740.70	Electrical, Instrumentation, Controls (includes recommended radio and antenna)
CO#	Estimated Amount	Reason

- **Summary of Costs**

Original Capital Lease:	\$1,300,000.00
Net Change Orders to Date:	\$104,740.70
Capital Lease to Date:	\$1,404,740.70

**Constructed Wetlands**

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

- A draft NPDES Permit has been received for the wetland and two (2) stream augmentations. We also drafted a formal comment letter for UAJA to submit to DEP. EPA has until November 17 to comment, the redraft should be ready by end of November and PA Bulletin published by the beginning of December.
- DEP/ACE Joint Permit Application for the water obstruction - submitted.
- Chapter 102 Permit Application – completed awaiting archaeological clearance.

The Phase 1A and Phase 1B Archaeological Surveys have been completed by Heberling and Associates with a further study recommended based on the findings. We continue to coordinate requirements of PA Historical and Museum Commission and ACE to move forward.

**Recycled Waterline Extension – Kissinger Meadow**

- Permitting- HRG has responded to minor PADEP comments concerning the Water Quality Management Permit which will be issued once the NPDES is issued. Other required permits have been obtained.
- Construction - HRG has prepped Record Drawings based on UAJA Construction Crew's field mark-ups and has provided a copy to PennDOT's bridge consultant.

**UV Tank Cover System**

A Pre-Construction Conference for Contact 11-6 was held and a Notice to Proceed was issued 9/27/2011. The substantial completion date is 1/25/2012 with Final Completion by 2/25/2012.

**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.

**Swaption Execution**

On November 1, 2011 UAJA completed the swaption transaction successfully. Information on the termination value of the swaption will continue to be provided at each board meeting.

**Customer Request**

A letter was received from a customer requesting that he only be charged for six months of service since he spends the other six months in Florida. The customer mentions that he has the water service to his property shut off for the months that he is away and that this can be confirmed with the water authority. Following a brief discussion the board directed Mr. Miller to inform the customer that his request has been denied.

**8. Other Business**

**Executive Session**

A motion was made by Mr. Lapinski, seconded by Ms.

[Redacted]

Barnes, to adjourn to executive session at 5:25 p.m. The motion passed unanimously.

**Executive Session**

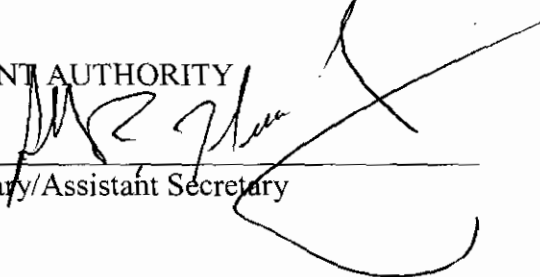
A motion was made by Mr. Lapinski, seconded by Ms. Barnes, to adjourn from the executive session back to the regular meeting at 5:40 p.m. The motion passed unanimously.

**9. Adjournment**

The meeting was adjourned at 5:40 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

  
Secretary/Assistant Secretary