

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – August 24, 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, August 24, 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, Mellott, Schmalz and Spac; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Brown, Project Manager; Dave Gaines, Solicitor; Doug Weikel and Ben Burns, Consulting Engineers; Janet Sulzer, Centre Region Planning; Chris Bamber, Public Financial Management; Mark Whitfield, Borough of State College, Perry Mason, UAJA employee; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – July 26, 2011

UAJA Meeting Minutes Approved
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A motion was made by Mr. Lapinski, seconded by Mr. Mellott, to approve the minutes of the UAJA meeting held on July 26, 2011. The motion passed unanimously.

4. Public Comment

Ms. Sulzer stated the Centre Region Planning had will complete their review of the proposed personal care home located on Torrey Lane in Harris Township. This will be finalized and sent to COG in September.

5. Old Business

5.1. Constant Maturity Swap Termination

Mr. Bamber reviewed with the financial analysis for the Constant Maturity Swap which has increased in value with the rapidly fluctuating financial markets. The Board adopted a termination parameters resolution to protect UAJA from downside risk but there are no parameters to determine when UAJA should cash in on the termination value of the swap.

Constant Maturity Swap Termination Approved
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A motion was made by Mr. Lapinski, seconded by Mr. McShea, to amend the current resolution to when the termination/market value is \$1.25 Million or less OR the termination/market value is greater than \$1.5 million. Motion passed unanimously.

5.2 Swaption Settlement

With the wild activity on the financial markets, things are fluctuating for the swaption settlement. As was reported previously, the swaption will definitely be exercised on November 1, 2011. Staff had indicated in the last board report that we were recommending terminating the swaption and refinancing with fixed rate revenue bonds. After discussions with our consultants, that is still preferred, however, we are also preparing for the possibility of allowing the swaption to be exercised and staying in the agreement. There may be a significant benefit one way or the other based on market conditions.

5.3 Rate Resolution - Delinquencies

It has been many years since the delinquencies section of the rate resolution has been updated. Our intent is to be more consistent with the water authorities. Under the current rate resolution, UAJA's policies are more lenient than the water authorities, therefore, the customer will often pay the water authority and not pay UAJA. By making the timing more consistent, the customer will have to pay both authorities.

The first change is the certified letter. Currently a customer has 20 days to pay from the date of receiving the certified letter. Staff recommends changing the time to 10 days.

The second change is changing the time to pay after a property is posted. Currently a customer must pay by 10 days. Staff recommends changing this to 5 days, at which time the water authority will be notified.

Third is the posting charge. It has been \$25 for at least 10 years. Based on the amount of time dedicated to posting, staff recommends raising the posting charge to \$35.

Finally, the Non Sufficient Funds charge needs to be adjusted. Our bank charges \$37 for a NSF check. Staff recommends passing this charge on to the customer.

**Revisions to the Rate
Resolution –
Delinquencies
Approved**

A motion was made by Mr. McShea, seconded by Mr. Spac, to approve the revisions to the Rate Resolution – Delinquencies as presented. Motion passed unanimously.

6. New Business

6.1 Final Design Dreibelbis Lot 2C

Final design drawings for the Dreibelbis Lot 2C development sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve a commercial lot near Science Park Road. No development plans have been submitted. The review comments have been addressed.

**Final Design Dreibelbis
Lot 2C
Approved**

A motion was made by Mr. Mellott, seconded by Mr. Lapinski, to approve the Final Design Dreibelbis Lot 2C. The motion passed unanimously.

6.2 Contract 11-6 - UV Tank Cover System

Bids were received and opened on August 17, 2011 at 2 PM. The Bid Tabulation is included in your packet. BCS Construction of Altoona is the apparent low bidder. The basis of bid was for an aluminum system. We allowed alternate bids for a fiberglass system. Ben Burns of HRG will be available to discuss the difference in these systems. The budgeted amount for this project was \$201,900.

**Contract 11-6 - UV
Tank Cover System
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Ebaugh, to award the contract to BCS Construction for the alternate fiberglass system for a cost of \$100,226. The motion passed unanimously.

SEPTAGE OPERATIONS

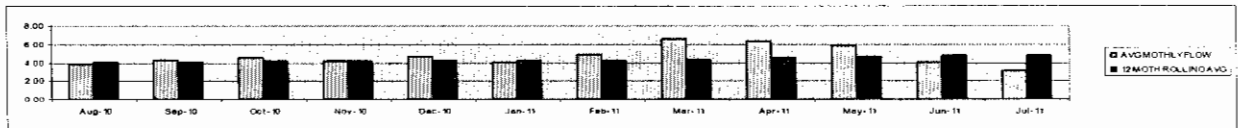
	Feb. 2011	Mar. 2011	Apr. 2011	May 2011	Jun. 2011	Jul. 2011
Res./Comm.	3,000 gals.	3,000 gals.	3,600 gals.	18,450 gals.	28,700 gals.	49,200 gals.
* Other Flow	0 gals.	147,660 gals.	191,700 gals.	59,400 gals.	0 gals.	0 gals.
CH/Potter	6,713.70 lbs/solids	6,655.32 lbs/solids	6,380.10 lbs/solids	7,047.30 lbs/solids	6,938.88 lbs/solids	4,445.22 lbs/solids
Port Matilda	2,251.80 lbs/solids	1,017.48 lbs/solids	2,201.76 lbs/solids	2,368.56 lbs/solids	1,918.20 lbs/solids	1,384.44 lbs/solids
Huston Twp.	400.32 lbs/solids	533.76 lbs/solids	567.12 lbs/solids	450.36 lbs/solids	263.54 lbs/solids	550.44 lbs/solids
Total Flow	79,600 gals.	226,160 gals.	263,300 gals.	164,350 gals.	102,200 gals.	99,200 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 July was 4.73mgd with the average for the month being 3.15mgd. Please see chart below.



There were no inspections 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.

Plant Maintenance

- Replaced the diaphragm in Primary Pump #11.
- Replaced the GFI breaker in the control panel for Polymer Pump #3.
- Installed additional carbon discharge ports on the Aeration Trains #1 and #3.
- Replaced a leaking spool on MF #3.
- Replaced the check balls in MIOX Pump #1.
- Exercised the hydrants valves and flushed the Reuse Hydrants.
- Replaced a frost free hydrant, well pump pressure switch and repaired the driveway on the Maylie property.

Reuse Total

Total for 2011-----38,591,200 gallons.
Total for July 2011-----20,962,200 gallons.
Total Reuse Water Distributed to Date-----201,000,400 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.

Mainline Maintenance:

- (UA) Lateral Installations – (3) 1- Ghaner Rd. 2- Woodycrest Center
- (UA) Lateral Repairs – (0)
- (UA) Mainline Cleaning – (7 manholes inspected- 1,063 feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (3) Big Hollow
- (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 2,300LF of force main pipe at Big Hollow.

(A)Construction &(B)I/I Inspection: (A)(We TV’d 1,334 ua/0 fta feet of mainline and inspected 10 ua/0 fta MH’s .) (B)Tested/Grouted – (MH’s grouted 0 fta 0 /Joints tested 0 fta 0 /grouted 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 trimmed bushes and mulched at several stations. We replaced a relay at the Haymarket station. We started doing some painting at the stations where fading and chipping have occurred. We cleaned grease out of some wet-wells.

Inspection: Provisional As-builts Approved Southridge Plaza

Mainline Construction:

- a. Aikens-Boalsburg – Construction is approximately 80% complete.
- b. Rockey Ridge, ph1 – Construction is approximately 95% complete and put on hold by the Developer.
- c. Waddle Heights – Construction is complete and we are awaiting As-built revisions.
- d. Hospital Expansion – New lateral construction is approximately 98% complete.
- e. Bristol Completion – MH elevation adjustments are being made.
- f. Old Block Road Extension – Construction is approximately 90% complete.

New Connections:

a.	Single-Family Residential	3	c.	Commercial	0	
b.	Multi-Family Residential	0	d.	Industrial	0	
					TOTAL	3

PA One-Calls Responded to 7/1-31/11: **255**

7.6 Engineer’s Report

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

Retainer

- HRG met with Staff to investigate connecting the UV System to the emergency generator.
- HRG assisted Staff to address pressure spikes in the high purity water line.

Big Hollow Interceptor Rehabilitation

A reimbursement request has been completed for the Act 537 Plan to allow for the potential granting of ±\$50,000 in project costs. Based upon recent correspondence, actual funding is not anticipated until later in 2011.

- 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
 Highlights of the Construction Phase of the Big Hollow Siphon and Highway Crossing project are as follows:

Contract Summary

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
09-3	Big Hollow Siphon/Hwy Crossing	Sippel Development Co., Inc.	3/15/11	7/13/11	0

- An inspection was held on July 13, 2011 with the project found to be Substantially Complete with a minor punch list developed. A progress review was also performed on August 17, 2011.

Change Orders

CO#	Estimated Amount	Reason
1	+ \$11,010.00	Incorporation of WCD No. 1 into a Change Order
2	+\$616.28	Facilitate drainage of force main during connection by UAJA Construction Crew
3	+5,720.00	Additional 8 ft of Stream Crossings Casing to ensure bank stability

Applications for Payment

A final application for payment has been received from the Contractor in the amount of \$19,551.50, which incorporates additional costs associated with Change Order Number Three discussed and approved during the July meeting. HRG has reviewed the status and completion of items on the punchlist. At this time, HRG recommends withholding final payment until erosion and sedimentation controls are removed and restoration is further developed.

- Contract 09-4/5/6 Big Hollow Diversion Pump Station (General, Mechanical, Electrical)
 The Pump Station Building has been re-designed to a more compact size. 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 with upcoming architectural submission to Penn State and Centre Region Code. Anticipated bidding will be during the fall with award in November.

Mt. Nittany Extension and Storage Tanks

The Water Quality Management Permit was received for the project. We are also coordinating the power service and control equipment manufacture. Construction has recently re-started with foundation work. We are evaluating proposed costs for internal piping and access ladders for the Authority.

Reuse Water Quality Assurance – Quality Control Plan

We continue to coordinate with Staff in responding to minor PADEP questions/comments concerning the Water Quality Management Permits.

Constructed Wetlands Master Planning

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

- NPDES Permit Application - submitted to PA DEP for the two stream augmentations and wetland discharges.
- 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 have been coordinating 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 - UAJA Construction Crew completed installing the line with restoration efforts to complete at the Kissinger Meadow. HRG is preparing Record Drawings based on UAJA Construction Crew's field mark-ups and will provide a copy to PennDOT's bridge consultant.

UV Tank Cover System

Bids were received on August 17, 2011 and are attached in tabulation. Based on our review, we recommend authorizing issuance of Notice of Award to BCS Construction as well as authorizing the execution of acceptable documents upon receipt.

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.

Phosphorus Credits

UAJA has applied to DEP for Phosphorus credits based on the difference between what is required by the Chesapeake Bay Strategy and what we achieve meeting our permit. There is a 30 day public comment period in conjunction with DEP review. The comment period ends September 6, 2011.

Truck Purchase

The following trucks are in the process of being purchased as approved in the 2011 budget:

- 1) Tandem Dump Truck (\$155,000 budgeted)

State Contract: Chassis from Noerr's Garage	\$113,950.00
Truck Body from Bradco Supply	<u>\$ 35,862.75</u>
	\$149,812.75

2) Diesel Pick Up Truck w/bed (\$55,000 budgeted)	
State Contract: Chassis from Lake Ford	\$ 37,933.00
Truck Body from Hostetler's	<u>\$ 9,881.00</u>
	\$ 47,814.00

Both complete trucks have been ordered and delivery time is estimated at October/November.

8. Other Business

Executive Session

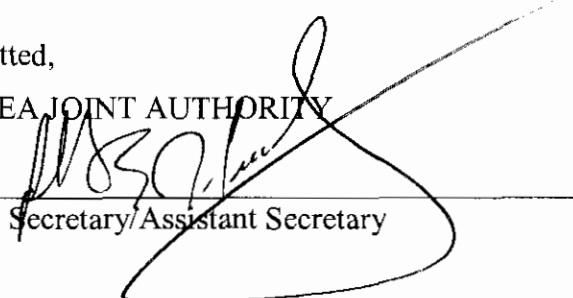
A motion was made by Mr. Lapinski, seconded by Mr. McShea, to adjourn to executive session at 5:13 p.m. The motion passed unanimously.

9. Adjournment

The meeting was adjourned.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY


Secretary/Assistant Secretary