

**MINUTES  
UNIVERSITY AREA JOINT AUTHORITY  
1576 SPRING VALLEY ROAD  
STATE COLLEGE, PA 16801  
Regular Meeting – August 19, 2009**

**1. Call to Order**

Mr. Lapinski, Vice-Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:11 p.m. Wednesday, August 19, 2009. The meeting was held in the Board Room in the office of the Authority.

**2. Roll Call**

Messrs. Dietz, Dempsey, Lapinski, McShea, Zeigler and Ms. Barnes were present. Also present were Dave Smith, Assistant Executive Director; Dick Lahr, Collection System Superintendent; Jason Brown, Project Manager; Jason Wert and Ben Burns, Engineer; Dick Campbell, Solicitor; Janet Sulzer, Centre Region Planning; Mark Whitfield, Borough of State College, and Kathy Wheeler, Recording Secretary.

**3. Reading of the Minutes**

**3.1 UAJA Regular Meeting – June 17, 2009**

The Board considered the UAJA minutes of the Regular Meeting held on June 17, 2009.



A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve the minutes of the UAJA meeting held on June 17, 2009. The motion passed unanimously.

**4. Public Comment**

Ms. Sulzer informed the Board that at the August meeting of the Centre Region Council of Governments discussed the Borough of State College's DRI for the urban village zoning. This will be presented to the general forum at their September meeting.

**5. Reports of Officers**

**5.1 Financial Report**

Mr. Smith reviewed with the Board the YTD budget report for the period ending July 31, 2009.

**5.2 Chairman's Report** – Mr. Lapinski reported that Mr. Schmalz had been hospitalized just days prior to the meeting.

**5.3 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>Feb. 2009</u>	<u>Mar. 2009</u>	<u>Apr. 2009</u>	<u>May 2009</u>	<u>Jun. 2009</u>	<u>Jul. 2009</u>
<b>Production</b>	484 cu/yds.	1,857 cu/yds.	1,114 cu/yds.	1,287 cu/yds.	1,241 cu/yds.	1,209 cu/yds.
<b>Distribution</b>	1,176 cu/yds.	3,726 cu/yds.	2,307 cu/yds.	938 cu/yds.	1,359 cu/yds.	978 cu/yds.
<b>YTD. Production</b>	1,114 cu/yds.	2,971 cu/yds.	4,085 cu/yds.	5,372 cu/yds.	6,613 cu/yds.	7,822 cu/yds.
<b>Immediate Sale</b>	5,061 cu/yds.	1,500 cu/yds.	1,192 cu/yds.	1,369 cu/yds.	1,294 cu/yds.	1,557 cu/yds.

<b>Currently in Storage</b>	6,345 cu/yds.	3,471 cu/yds.	2,306 cu/yds.	2,656 cu/yds.	2,535 cu/yds.	2,766 cu/yds.
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SEPTAGE OPERATIONS

	<u>Feb. 2009</u>	<u>Mar. 2009</u>	<u>Apr. 2009</u>	<u>May 2009</u>	<u>Jun. 2009</u>	<u>Jul. 2009</u>
<b>Res./Comm.</b>	900 gals.	9,350 gals.	12,300 gals.	15,350 gals.	28,400 gals.	22,000 gals.
<b>CH/Potter</b>	59,000 gals.	5,500 lbs/solids	4,920.60 lbs/solids	5,108.25 lbs/solids	7,172.40 lbs/solids	4,657.89 lbs/solids
<b>Port Matilda</b>	18,000 gals.	2,218 lbs/solids	1,951.56 lbs/solids	1,951.56 lbs/solids	2,068.32 lbs/solids	1,351.08 lbs/solids
<b>Huston Twp.</b>	6,000 gals.	1,034 lbs/solids	870.70 lbs/solids	1,251.00 lbs/solids	0 lbs/solids	900.72 lbs/solids
<b>Total Flow</b>	83,900 gals.	70,350 gals.	74,500 gals.	76,350 gals.	100,900 gals.	76,000 gals.

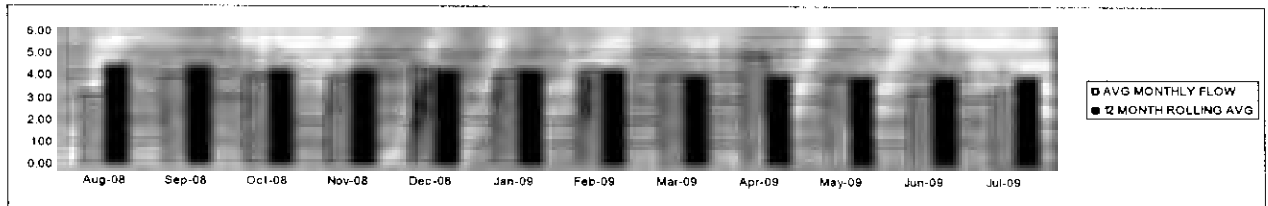
Mr. Brown informed the Board that UAJA has submitted a bid to Lycoming County to be their compost supplier for an upcoming landfill cover project. In the bid the price was quoted at \$5/cu. yd. or \$10/cu. yd. delivered with the compost being available Dec., Jan. Feb, Jun., Jul., and Aug. Lycoming County projected 40-60 truck loads would be required.

**5.4 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 3.40mgd with the average for the month being 3.90mgd. Please see chart below.



There were no inspections by D.E.P. this month.

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

**Plant Maintenance**

- Completed Tertiary Filter Maintenance.
- Secondary Clarifiers #1, #2 and #3 were drained, cleaned and serviced with #4 being put on line in lieu of #1.

- Think Logic, Phoenix Contacts and HRG performed a traffic study of the SCADA system trying to improve communications with the Booster Station, Scott Road Station and the UV outfall lights. The communication improved with the Booster Station and UV outfall lights but Scott Road remains unreliable. Another trip is scheduled in August to attempt to establish communication with Scott Road.
- Replaced a torn diaphragm and muffler in Primary Sludge Pump #9.
- The Aeration Basins were rotated putting #3 on line and taking #1 off line. One D.O. transmitter and 2 signal converters were replaced on Train #3.
- Twelve lamps and three ballasts were replaced in the outfall U.V. system.
- The Authority provided a one-day hands-on training to the Maintenance Staff on the maintenance and operation of the Auma valves on the Aeration Basins.
- The R.O. Unit and the M.F. Units were cleaned. Since the cleaning, the second array of the R.O. has had elevated conductivity readings. Two R.O. membranes were sent out for an autopsy. I will notify the board when we receive the results.

**REUSE TOTAL**

Total for 2009----- 25,533,900 gallons.  
Total for July 2009-----6,410,000 gallons.

**5.5 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 – (2) 504 Beaumont Dr., Lot 48 Red Alder Rd.
- (UA) Lateral Repairs – (5) 1903, 1933, 1938, 1939, 1945 Norwood Ln.
- (UA) Mainline Cleaning – (56 manholes inspected- 9136 feet cleaned)
- (UA) Mainline Repairs – (5) 1903, 1933, 1938, 1939, 1945 Norwood Ln.
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (4)
- (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 – (1) Lois Ln.

The Valley Vista Interceptor project is on hold until the ROW can be secured from the Borough. The Overlook Heights project is complete with all tree planting being accomplished. The Woodycrest Center Project has been completed. We have completed restoration and concrete work on Norwood Ln.

**(A)CONSTRUCTION &(B)I/I INSPECTION:** (A)(We TV’d 1385 ua/0 fta feet of mainline and inspected 10 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 0.0/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 cleaned and resealed the check valves at Scott Rd. We brushed out the access roads at the North Metering Chamber and the Whitehall Rd. Station.

**INSPECTION:** Provisional As-builts Approved: Village @ PSU, Phases 6, 7&8, Hunters Chase, Ph 7

**Mainline Construction:**

- a. Patton Town Center – Construction is approximately 80% complete and on hold by the Developer.
- b. C2S LP Extension – We are reviewing As-builts.

**New Connections:**

a.	Single-Family Residential	11	c.	Commercial	2	
b.	Multi-Family Residential	0	d.	Industrial	0	
					<b>TOTAL</b>	<b>13</b>

PA One-Calls Responded to 7/1-31/09: **275**

## 5.6 **Engineer's Report**

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

### **Retainer**

HRG has completed a draft report for the Aquathermal Strategy, including cost estimates and operational estimates. A presentation on the final report will be made in the future to the Authority.

HRG has also been assisting the Authority in the preparation of cost estimates and capacity evaluations for the service of large bulk customers at the WWTP and has completed a final report for the Authority.

HRG will make a presentation on the possible allocation of tasks for the relocation and construction of reuse water storage on Mount Nittany.

### **Energy Production Feasibility Study**

HRG has compiled information on similar projects and has begun to calculate expected gas production and energy values from a variety of sources in and around the Centre Region. HRG is awaiting the first submission of equipment quotations for the anaerobic digestion equipment and tankage.

### **Big Hollow Interceptor Rehabilitation**

A Phase I Archeological Survey was completed by Heberling Associates the week of August 3<sup>rd</sup> and did not reveal any presence of archeological or historical resources. Heberling Associates will be preparing an "all-clear" letter for approval by the PHMC.

HRG is completing the final design documents for the various contracts of the Big Hollow Interceptor Rehabilitation Project and will be providing the final review sets for Authority approval.

### **Wetlands Evaluation and Sketch Plan**

HRG has been notified by the EPA 5-Star Grant Funding Program that UAJA's Grant Application has been awarded \$25,000 for the Beneficial Reuse Riparian Wetland Project. A preliminary scoping meeting has been set for August 20, 2009 to meet with key stakeholders to discuss the Wetland Project and current and future tasks and schedules.

**Linn-Allen Backlot Sewer Project**

HRG is revising the draft set of Record Drawings for the Authority's use.

**Western Patton – Valley Vista Interceptor**

HRG is awaiting the initiation of construction activities to provide construction stakeout and Record Drawing compilation.

**Reuse Water Quality Assurance – Quality Control Plan**

HRG has completed a draft Quality Assurance – Quality Control Plan for the operation and testing of the Advanced Water Treatment Facility. We will be reviewing the draft plan with UAJA Staff and modifying as required. Upon completion of a Final Plan, the document will be submitted to the PA DEP for their records.

**5.7 Executive Director's Report**

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

**PENNVEST Application**

Because of the potential for an archeological impact, our Pennvest application for the Big Hollow interceptor did not make the deadline for the July Pennvest meeting. A phase one archeological study was undertaken and completed yielding no archeological finds. The project will be ready for the next Pennvest meeting.

**College Township Building**

The borings for the connection to the College Township building are now underway. The bore under College Avenue is complete. The contractor was not able to install the bore under Slab Cabin Run. They have opted for dual 10" HDPE pipe installed by directional drill. UAJA staff reviewed this change and approved the substitute. Currently one pilot hole has been completed under Slab Cabin Run. More detail will be provided at the meeting.

**6. Old Business**

**6.1 Reuse Water Storage Tanks – Former Corning site**

The project is on hold pending the zoning change to the College Township Forest District which will allow placement of tanks in the forest district. Some details of the tank relocation project will be presented at the meeting. Following a brief discussion, the board took no action as more information is required.

**6.2 H2OPA Grant**

As you are aware, the Authority received a grant award from the H2OPA program in the amount of \$503,000. This is 10% of our request, and only 5% of the estimated project cost. Correspondence with DCED indicates that we are able to "scale down" our project in proportion to the amount of grant awarded. Please see the letter and revised budget in your packet. We intend to go forward with the Slab Cabin Interceptor and Puddintown Road Interceptor work, using the grant money. The Authority will be required to fund the other 50% of these projects (\$530,000). We will use our own forces to do the Slab Cabin work. Our labor cost will be part of our match. The Puddintown Road project will have to be bid to an outside contractor. The

proposed pump station and force main to supplement capacity in the Big Hollow Interceptor will be postponed.

**H2OPA Grant  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Zeigler, to approve acceptance of the H2OPA Grant of \$530,000 and endorse the plan to move forward with work on the Slab Cabin and Puddintown Road Interceptors. Execute the Commitment Letter. The motion passed unanimously.

**6.3 2005 Construction Fund – close out**

After paying Requisition # 89, which will occur at this meeting, approximately \$500 will remain in this Fund.

**2005 Construction Fund  
CLOSE OUT  
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Dietz, to approve the close out the 2005 Construction Fund by transferring the remaining amount to the BRIF. The motion passed unanimously.

**7. New Business**

**7.1 Budget Amendment – Slab Cabin Interceptor Project**

Mark Harter has estimated the cost of completing the Slab Cabin Interceptor project to be \$32,250. His breakdown was included in your packet. A total of \$16,125 can be reimbursed from the grant (breakdown shown). We are proposing to create a budget amendment to track and pay for this project. The amendment will create an expense account in the amount of \$26,250. This expense will be offset on the revenue side by money coming into Grants Received (\$16,125) and BRIF (\$10,125).

**Budget Amendment –  
Slab Cabin Interceptor  
Project  
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. Zeigler, to approve budget amendment to create an expense account for the Slab Cabin Interceptor project in the amount of \$26,250. This expense will be offset on the revenue side by additional money coming into “Grants Received” and “BRIF”. The motion passed unanimously.

**7.2 Requisitions**

2005 Construction Fund #89	Groff Tractor (new backhoe)	\$75,042.30
BRIF #62	Big Hollow Design (final)	\$30,850.08
Revenue Fund # 105	Debt Service, Operation & Maintenance	\$1,000,000

**Requisitions**

A motion was made by Mr. McShea, seconded by Ms. Barnes,

**Approved**

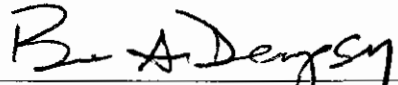
to approve the Requisitions as presented. The motion passed unanimously.

**8. Other Business**  
No other business.

**9. Adjournment**  
The meeting was adjourned at 5:16 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



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Secretary/Assistant Secretary