

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – February 17, 2010**

**1. Call to Order**

Mr. Lapinski, Vice-Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:46 p.m. Wednesday, February 17, 2010.

**2. Roll Call**

The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dempsey, Lapinski, McShea, Mellott, Spac and Zeigler; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Dick Lahr, Collection System Superintendent; Art Brant, Plant Superintendent; Jason Brown, Project Manager; Jason Wert and Ben Burns, Consulting Engineers; Janet Sulzer, Centre Region Planning; and Kathy Wheeler, Recording Secretary.

**3. Reading of the Minutes**

**2.1 UAJA Regular Meeting – January 20, 2010**

<b>UAJA Meeting Minutes Approved</b>
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A motion was made by Mr. Zeigler, seconded by Mr. Mellott, to approve the minutes of the UAJA meeting held on January 20, 2010. The motion passed unanimously.

**4. Public Comment**

Ms. Sulzer informed the Board that currently Centre Region Planning is reviewing Pine Hall Tract (Imbt Tract) for Ferguson Township and State College Borough.

College Township's plan for water towers relocation condition will require a fence and gate for access roads to the tank.

**5. Reports of Officers**

**5.1 Financial Report**

Mr. Smith reviewed with the Board the YTD budget report for the period ending January 31, 2010.

**5.2 Chairman's Report** – Mr. Lapinski asked that all members review the handbook that was distributed via email and get comments back to Mr. Schmalz.

**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>Aug. 2009</u>	<u>Sep. 2009</u>	<u>Oct. 2009</u>	<u>Nov. 2009</u>	<u>Dec. 2009</u>	<u>Jan. 2010</u>
<b>Production</b>	1,385 cu/yds.	1,224 cu/yds.	1,458 cu/yds.	1,208 cu/yds.	1,255 cu/yds.	1,014 cu/yds.
<b>Distribution</b>	1,009 cu/yds.	1,594 cu/yds.	1,542 cu/yds.	1,071 cu/yds.	671 cu/yds.	1,330 cu/yds.

<b>YTD. Production</b>	9,207 cu/yds.	10,431 cu/yds.	11,889 cu/yds.	13,097 cu/yds.	14,352 cu/yds.	1,014 cu/yds.
<b>Immediate Sale</b>	1,500 cu/yds.	1,407 cu/yds.	1,089 cu/yds.	1,476 cu/yds.	2,073 cu/yds.	1,998 cu/yds.
<b>Currently in Storage</b>	3,142 cu/yds.	2,631 cu/yds.	2,547 cu/yds.	2,984 cu/yds.	3,328 cu/yds.	3,012 cu/yds.

**SEPTAGE OPERATIONS**

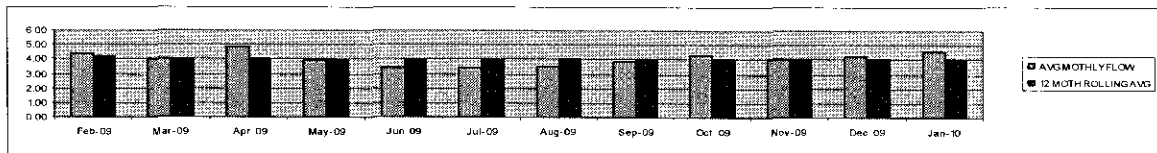
	<u>Aug. 2009</u>	<u>Sep. 2009</u>	<u>Oct. 2009</u>	<u>Nov. 2009</u>	<u>Dec. 2009</u>	<u>Jan. 2010</u>
<b>Res./Comm.</b>	24,450 gals.	25,850 gals.	34,350 gals.	12,050 gals.	3,000 gals.	4,800 gals.
<b>CH/Potter</b>	2,956.53 lbs/solids	5,295.9 lbs/solids	2,059.98 lbs/solids	5,753.77 lbs/solids	7,927.17 lbs/solids	5,304.24 lbs/solids
<b>Port Matilda</b>	1,884.84 lbs/solids	1,584.6 lbs/solids	1,317.72 lbs/solids	1,868.16 lbs/solids	1,084.20 lbs/solids	1,601.28 lbs/solids
<b>Huston Twp.</b>	0 lbs/solids	733.9 lbs/solids	0 lbs/solids	900.72 lbs/solids	767.28 lbs/solids	550.44 lbs/solids
<b>Total Flow</b>	65,450 gals.	91,350 gals.	61,850 gals.	71,350 gals.	79,500 gals.	61,800 gals.

**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 January was 4.04mgd with the average for the month being 4.55mgd. 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 #2and #3; secondary clarifiers’ #1, #2 and #3; eight tertiary filters.

**Plant Maintenance**

- The pressure relief valve was replaced on the air tank in the AWT Bldg.
- Replaced the pressure reducing valve in the supply line for HP-10 and replaced the thermister in HP-8 in the Admin. Bldg.
- Replaced the fuel pump in the ’01 Chevy and replaced the calipers on the ’99 Chevy.
- Permanently installed a caustic tote in the MF CIP System.
- The drain and flush lines were replaced on the AWT Feed strainers.
- The pressure relief valve was replaced on the air tank in the AWT Bldg.

- Replaced the brine pump in Miox Unit #1.
- Compost door #3 was repaired by Poorman's Overhead Door. The door's main drive shaft was bent.
- Replaced the flame sensor and motor drive belts in MAU-1301.
- The switch for the level sensor failed. This caused two hydraulic cylinders to bend and pulled the wiring out of the positioning system. The cylinders were replaced and the sensor is being sent out for repair. An insurance claim has been started.
- Lion Country Electric was called in to inspect the wiring for the Bio-Fans after we found that they were tripping out the breakers. They found bare wiring causing a short to ground. They replaced the wiring and inspected the rest of the wiring to the Bio-Fans. An insurance claim has been started on this item also.

**Reuse Total**

Total for 2010----- 594,000 gallons.  
Total for January 2010-----594,000 gallons.  
Total Reuse Water Distributed to Date-----109,824,900 gallons

Mr. Dempsey wanted to thank Jody Hugill and Todd Matis for their help with the video tour.

**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 – (0)
- (UA) Lateral Repairs – (1) 225 Harris Drive
- (UA) Mainline Cleaning – (5 manholes inspected- 750feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (0)
- (FTA) Lateral Installations – (0)
- (FTA) Lateral Repairs – (1) 222 W. Pine Grove Road
- (FTA) Mainline Cleaning – (0) manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – (0)
- (FTA) Manhole Repairs – (0)
- (FTA) Manhole Casting Repairs – (0)

The Valley Vista project has been started and is 35% complete. We have also done some equipment maintenance and Wood Chip hauling for Compost.

**(A)Construction &(B)I/I Inspection:** (A)(We TV'd 10,319 ua/0 fta feet of mainline and inspected 69 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 removed grease from all wet wells. We replaced the volutes on both pumps at Ghaner 2. We repaired the telemetry unit at Kaywood.

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

**Mainline Construction:**

- a. Patton Town Center – Construction is approximately 80% complete and on hold by the Developer.
- b. Aikens-Boalsburg – Construction is set to start in February.

**New Connections:**

a.	Single-Family Residential	12	c.	Commercial	1	
b.	Multi-Family Residential	0	d.	Industrial	0	
					<b>TOTAL</b>	<b>13</b>

PA One-Calls Responded to 1/1-31/10: **111**

## 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 continues to work with UAJA Staff to coordinate the location of a future crossing of Branch Road with a spur of the recycled water transmission main. The Branch Road Bridge across Slab Cabin Run is slated for replacement and the construction work will provide an opportunity to install a crossing or segment of transmission main.

### **Energy Production Feasibility Study**

A draft Energy Production Feasibility Study has been completed and is being forwarded to UAJA Staff for review. Upon completion of UAJA Staff review, HRG will finalize the report and provide a presentation on potential options, benefits and risks.

### **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. HRG is awaiting comments or approval of the funding request.

A Preconstruction Conference for the Puddintown Road Interceptor Rehabilitation Project is scheduled for February 26<sup>th</sup>. Notice to Proceed will be provided to the Contractor at the Preconstruction Conference, requiring Substantial Completion by June 26, 2010.

Our final draft design documents for the Big Hollow Pump Station are expected to be completed within 30 days and will comprise two sets of Contract Documents as follows:

- Contract 09-3            Big Hollow Siphon and Highway Crossing Project (*completed*)
- Contract 09-4/5/6      Big Hollow Diversion Pump Station (General, Mechanical, Electrical)

The Slab Cabin Interceptor Project has been completed and HRG has prepared Record Drawings for the Authority's use.

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

The first of a larger meeting of stakeholders is scheduled for February 18<sup>th</sup> at 10:00AM at the Authority offices. Attached is a listing of the project goals, requirements and first phase tasks that will be presented to the group for discussion and movement forwards.

**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.

**Stone Valley Reuse Extension**

HRG has completed a draft Highway Occupancy Permit for a proposed connection along Shiloh Road for water usage by Stone Valley. Upon review, HRG will submit to PENNDOT for review and approval.

**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.

**College Township Building/Alpha Fire Company Open House**

UAJA Board members and the public are invited to the Alpha Substation Open House that will be held on Monday, February 22 in the College Township Alpha Substation from 6pm to 8pm. The open house includes a presentation on the green technology used in the project, including the beneficial reuse water.

**DEP**

DEP is looking at raising the fees for the NPDES permit from \$500 to \$ 2500 for renewal and there would also be an annual fee.

**SWAP**

Mr. Miller reported that the SWAP is stable and we are looking at \$11,000 to \$12,000 income per week.

**Kish Bank**

Mr. Miller informed the Board that UAJA will be moving some reserve funds from First National Bank to a Market Fund for Municipalities at Kish Bank. The rates are significantly higher than our current rates. This fund meets the requirements for the State law and collateralize as required. The fund allows for one withdrawal per month without penalties. The rate is an index adjusted weekly.

**6. Old Business**

None

**7. New Business**

**7.1 Industrial Pretreatment Resolution 96-1 Revisions**

EPA has required certain revisions to the UAJA IPP Resolution. Our draft revised Resolution has already been reviewed by EPA and given tentative approval pending board action. These changes can be incorporated without the explicit approval of each municipality. Tom Willson, IPP Coordinator will be available at the meeting to explain the document and answer any questions. The revised Resolution and a summary of the changes were provided in the meeting packet.

**Resolution 96-1**

A motion was made by Mr. Dempsey, seconded by Mr.

**Revisions  
Approved**

Zeigler, to approve Resolution 96-1 Revisions. The motion passed unanimously.

**7.2 Final Design Southridge Plaza**

Final design drawings for the Southridge Plaza sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 39 EDU's of commercial development on the old Southridge Motel site. The review comments have been addressed.

**Final Design  
Southridge Plaza  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Spac, to approve the Final Design for Southridge Plaza. The motion passed with Mr. Mellott abstaining from the vote.

**7.3 EnerNOC Inc. Demand Response Sales Agreement**

UAJA has an opportunity to gain approximately \$25,000 per year by participating in an electric load shedding program through EnerNOC Inc. Under this program, UAJA would agree to shed electrical load when called by EnerNOC. The frequency of calls is typically 1-2 per year, and the maximum is 10 per year. The load shedding conditions last for 2-6 hours. Most of the calls occur on hot summer days. The payment occurs regardless of reduction calls. The sales agreement is included in the packet.

Since the contract is potentially \$25,000, it requires Board action.

**Sales Agreement  
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve the sales agreement with EnerNOC Inc. The motion passed unanimously.

**7.4 Final Requisitions**

Revenue Fund #108

Debt Service, Operating and Maintenance Expenses \$1,000,000

**Requisition  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Zeigler, to approve the Revenue Fund Requisition # 108. The motion passed unanimously.

**8. Other Business**

**9. Adjournment**

The meeting was adjourned at 4:56 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary