

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – August 27, 2008

1. Call to Order

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:15 p.m. Wednesday, August 27, 2008. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, McShea, Schmalz and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert, Ben Burns and Tracy Olexa, Engineer; Richard Campbell and Dave Consiglio, Solicitor; Janet Sulzer and Eric Vorwald, Centre Region Planning; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – July 16, 2008

The Board considered the UAJA minutes of the Regular Meeting held on July 16, 2008.

UAJA Meeting Minutes Approved
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A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve the minutes of the UAJA meeting held on July 16, 2008. The motion passed unanimously.

4. Public Comment

4.1 Ms. Sulzer informed the Board that the Centre Region Planning Commission had reviewed the preliminary DRI's for Halfmoon and Harris townships. These should be finalized at CRPC September meeting.

5. Old Business

5.1 Special Purpose Tapping Fee – Valley Vista

As was discussed at the July meeting, a tapping fee has been calculated to pay for the proposed improvements required to provide capacity for the service area beyond the Valley Vista lift station. This additional capacity will be sufficient to serve all of the sewer service area at the currently approved densities. The improvements are projected to cost \$2.6 million, and will serve approximately 2300 EDUs. The proposed fee was presented to the Patton Township Supervisors at the June 18th meeting with no objections by the supervisors.

The fee was then questioned by S&A Homes and the Gray's Woods Partnership. Their argument is based on there being a lower cost alternative (upgrading the Valley Vista lift station) and that an increase of \$1100 during the current economic conditions would make it difficult to build affordable housing in the affected area.

The tapping fee calculation represents the maximum tapping fee that can be assessed. An authority may set its tapping fees at a lower amount.

No objection was raised concerning the \$509.73 special purpose tapping fee for Radio Park. S&A has many development sites in that area. From this it is reasonable to conclude that a fee of approximately \$500 is acceptable.

UAJA staff has been reviewing the projected construction costs of the Valley Vista improvements and believe that the cost can be significantly reduced if UAJA constructs some of the improvements with our own workforce and equipment. In addition, it is likely that in the future decades, additional land will be considered for addition to this service area, thus adding more EDU's to the equation.

UAJA can raise the fee in the future if needed.

The Board was informed in Mr. Zeigler's absence that Mr. Zeigler has expressed that he opposes reducing the fee.

**Special Purpose
Tapping Fee – Valley
Vista**

A motion was made by Mr. DeWolfe, seconded by Ms. Barnes, to postpone the discussion until the September 2008 meeting to permit time for the engineer to look at alternatives and cost scenarios. The motion passed unanimously.

5.2 Special Purpose Tapping Fee – Radio Park

As was discussed at the May meeting, a tapping fee has been calculated to pay for the proposed improvements required to provide capacity for the service area beyond the junction of the Radio Park and Struble interceptor sewers (behind Radio Park School). This additional capacity will be sufficient to serve all of the sewer service area at the currently approved densities. The improvements are projected to cost \$2.4 million, and will serve approximately 4600 EDUs. The proposed fee was presented to the Ferguson Township Supervisors at the June 2nd meeting with no objections by the supervisors.

**Special Purpose
Tapping Fee – Radio
Park**

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve a tapping fee of \$509.73 per EDU and \$2.17 per unit of design capacity for Radio Park effective September 1, 2008. The motion passed unanimously.

6. New Business

6.1 Reuse Water Storage Tank Discussion

Mr. Dan Hawbaker has informed staff that he has two 500,000 gallon storage tanks at the Corning site that he is offering to UAJA for storage of the reuse water. Mr. Wert gave a power point presentation to the Board regarding the tanks current location, a more suitable location, testing for lead paint on the tanks and various other issues regarding the tanks. Following this discussion the board asked that additional information be obtained in regards to the suitability of using these tanks.

6.2 Reuse Wetland Presentation

As the Reuse project gains momentum, especially regarding energy exchange using the water, the wetland discharge planned at the former Kissinger tract along Slab Cabin Run becomes critical. HRG will be made a presentation that outlines conceptual possibilities for this project and explained the many advantages. The Board asked for additional information regarding costs and permitting that might be required.

6.3 Requisitions

BRIF #56	Centre Communications (Scott Rd)	\$3,437.00
BRIF #57	Think Logic, Inc. (Scott Rd)	\$6,080.90

**Requisition
Approved**

A motion was made by Mr. McShea, seconded by Ms. Barnes, to approve BRIF requisition #56 and #57. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending July 2008 was presented to the Board for their review.

7.2 Chairman’s Report – None

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. This was an informational item only, no action required.

COMPOST PRODUCTION AND DISTRIBUTION

	<u>Feb. 2008</u>	<u>Mar. 2008</u>	<u>Apr. 2008</u>	<u>May 2008</u>	<u>Jun. 2008</u>	<u>Jul. 2008</u>
Production	1,419 cu/yds.	1,197 cu/yds.	1,540 cu/yds.	2,049 cu/yds.	1,817 cu/yds.	1,222 cu/yds.
Distribution	356 cu/yds.	486 cu/yds.	1,833 cu/yds.	1,963 cu/yds.	2,781 cu/yds.	915 cu/yds.
YTD. Production	2,763 cu/yds.	3,960 cu/yds.	5,500 cu/yds.	7,549 cu/yds.	9,366 cu/yds.	10,588 cu/yds.
Immediate Sale	4,321 cu/yds.	5,254 cu/yds.	4,660 cu/yds.	3,425 cu/yds.	2,668 cu/yds.	3,550 cu/yds.
Currently in Storage	5,740 cu/yds.	6,751 cu/yds.	6,200 cu/yds.	5,674 cu/yds.	4,772 cu/yds.	4,772 cu/yds.

SEPTAGE OPERATIONS

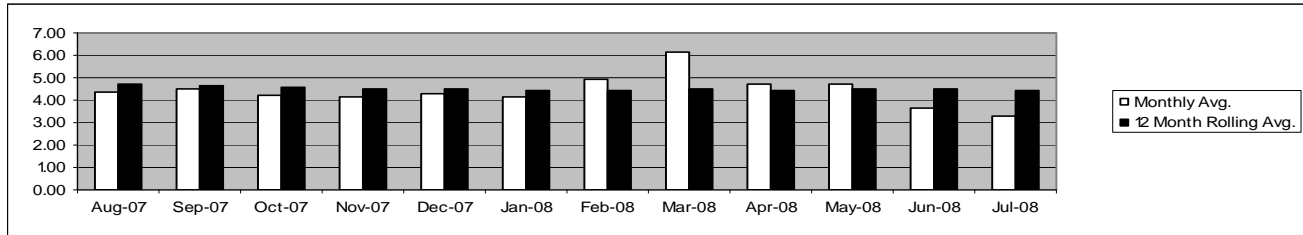
	<u>Feb. 2008</u>	<u>Mar. 2008</u>	<u>Apr. 2008</u>	<u>May 2008</u>	<u>Jun. 2008</u>	<u>Jul. 2008</u>
Res./Comm.	14,800 gals.	23,550 gals.	57,750 gals.	62,750 gals.	27,000 gals.	52,650 gals.
CH/Potter	39,600 gals.	46,500 gals.	35,500 gals.	47,000 gals.	22,500 gals.	40,000 gals.
Port Matilda	10,000 gals.	12,000 gals.	16,000 gals.	20,000 gals.	18,000 gals.	20,000 gals.
Huston Twp.	6,000 gals.	6,000 gals.	10,000 gals.	6,000 gals.	12,000 gals.	6,000 gals.
Total Flow	70,400 gals.	88,050 gals.	119,250 gals.	135,750 gals.	79,500 gals.	118,650 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. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for July was 4.42mgd with the average for the month being 3.29mgd. Please see chart below.



John Sengle from DEP visited the facility on August 4th, 2008 in response to a spill that occurred on August 3rd, 2008. The spill was caused by the overflow of Primary Sludge being pumped from the Primary Tanks. Since this spill, we have added alarms on the SCADA for all the tanks at the Dewatering Facility. An audio/visual alarm was also added to prevent this from re-occurring.

Treatment units on line are as follows: primary clarifiers #5 and #6; aeration basins #1 and #2; secondary clarifiers' #1, #2 and #3; eight tertiary filters.

Plant Maintenance

- Removed the lights in the sidewalk outside the main entrance to the Administration Bldg. This was done at the request of the Safety Committee.
- The drive belts were replaced in Headworks Supply Fan #2 and Exhaust Fan #2.
- Numerous flood lights were replaced on the Aeration Tanks.
- One of the Reuse line flow meters was connected to the SCADA System to monitor the amount of water leaving the facility thru the Reuse line. Repairs to the second meter have not been completed.
- Replaced an elbow on #3 MF.
- High Service Pump #1 has developed a vibration again. This pump has had warranty claims for vibration issues before. HRG is checking to see if there is any warranty remaining on the repairs.
- HRG, Lepley Electric, and UAJA staff adjusted the controls at the Booster Station. These pumps had been faulting. Since the adjustments, the pumps have not faulted.
- A security keypad was installed at the Booster Station which will allow the intruder alarm to work properly.
- The signal transformer in the Main Station Emergency Generator failed and was replaced. The generator is back in service.
- The water heater in the old farmhouse was replaced.
- Centrifuge #2 was rebuilt. These units are to be torn down and inspected every 12 months of operation.
- The drive belts were replaced in Compost MAU-1302.
- We exposed and inspected the Primary and Scum lines and valves outside the Dewatering facility to determine the cause of the leak we had this past winter. We determined that a build-up of gases forced a Primary line, thought to be abandoned, to push itself to the surface causing the spill. The appropriate steps were taken to isolate this line.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

- (UA) Lateral Installations – (1) 1401Circleville Rd.
- (UA) Lateral Repairs – (0)
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – (0).
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (41)
- (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 are approximately 98% complete with the Western Patton Interceptor Project. We started the Overlook Heights Project July 1st and are approximately 35% complete. We also did some topsoil and concrete restoration.

(A)CONSTRUCTION & (B) I/I INSPECTION(A)(We TV'd 3,158 ua/0 fta feet of mainline and inspected 18 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 worked on the telemetry at the Kaywood & Outer Dr. stations. We checked, cleaned and replaced bad floats at all stations.

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Brynwood, Ph 3B.2B,3B.3 – We are reviewing As-builts.
- b. Stearns Crossing, Phase 7 – Construction is approximately 99% complete.
- c. Thompson Place,(Habitat) – Construction is 99% complete.
- d. Patton Town Center – Construction is approximately 25% complete.

New Connections:

a.	Single-Family Residential	21	c.	Commercial	2
b.	Multi-Family Residential	0	d.	Industrial	0
				TOTAL	23

PA One-Calls Responded to 7/1-31/08: **322**

7.6 Engineer's Report

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

Beneficial Reuse

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)
 Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	12/20/07	*

*Contractor has exceeded Contract Times

Contract 06-4 Transmission Main IA

- HRG will discuss the current situation regarding the closeout of Contract 06-4 with the Board in Executive Session.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	-	-	\$2,741,607.66	\$2,741,607.66	100%**	\$ 377,213.23

*Includes Retainage

** Substantially Complete

Electronic Operations and Maintenance Manual

The third version of the Operations and Maintenance Manual has been completed and HRG is working with UAJA Staff and the Web Developer to facilitate installation. This is the anticipated final version of the maintenance portions of the manual, including all record drawings, electronic manuals, and other scanned data.

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 submissions of equipment quotations for the anaerobic digestion equipment and tankage.

NPDES Permit Renewal and Modifications

With receipt of the draft permit, HRG is assisting the efforts of the Special Counsel and UAJA Staff.

Big Hollow Interceptor Rehabilitation

HRG is awaiting the results of the Big Hollow Interceptor televising and investigation by UAJA Staff.

Wetlands Evaluation and Sketch Plan

HRG will present some options and considerations for the proposed study of a Constructed Wetlands located in College Township at the former Kissinger Property.

Compost Alternative Feedstock and Optimization

With completion of the Trial Run for the proposed Mix and successful results, HRG is focusing

on alternative feedstocks, evaluating regional sludge handling, and other components to improve the economics of the operation.

Reuse Water Quality Assurance – Quality Control Plan

HRG is working with UAJA Staff to complete a Quality Assurance – Quality Control Plan for the operation and testing of the Advanced Water Treatment Facility. HRG anticipates completion of a draft plan within the next 45 days.

7.7 Executive Director’s Report

Mr. Cory Miller, Executive Director had no additional comments to add to his report.

8. Other Business

8.1 Executive Session to discuss possible litigation

Executive Session

A motion was made by Mr. Dietz, seconded by Mr. McShea, to adjourn to an executive session at 6:10 p.m. Motion passed unanimously.

9. Adjournment

The meeting was adjourned at 6:45 p.m.

Respectfully submitted,
UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary