

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – May 21, 2008**

**1. Call to Order**

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:05 p.m. Wednesday, May 21, 2008. The meeting was held in the Board Room in the office of the Authority.

**2. Roll Call**

Messrs. Dempsey, Lapinski, McShea, Schmalz, Spac via phone, Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert and Ben Burns, Engineers; Rob Bryan, Maher Duessel; Mark Whitfield, Borough of State College, manager; Janet Sulzer, Centre Region Planning Liaison; and Kathy Wheeler, Recording Secretary.

**3. Reading of the Minutes**

**3.1 UAJA Regular Meeting –April 16, 2008**

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

<b>UAJA Meeting Minutes Approved</b>
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A motion was made by Mr. Zeigler, seconded by Ms. Barnes, to approve the minutes of the UAJA meeting held on April 16, 2008. The motion passed unanimously.

**4. Public Comment**

**4.1** None.

**5. Old Business**

**5.1 2007 Audit**

Rob Bryan, Maher Duessel reviewed with the Board the draft audit that the Board treasurer has reviewed. Staff will be working with the auditor to bring back a final audit at the June meeting for approval.

**5.2 Big Hollow Interceptor Presentation**

**Jason Wert**, HRG, presented the results of the Big Hollow Interceptor Sewer Study

**5.3 Executive Session to discuss a developer legal agreement**

<b>Executive Session</b>
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A motion was made by Mr. Zeigler, seconded by Mr. Lapinski, to adjourn to an executive session at 4:45 p.m. The motion passed unanimously.

<b>Executive Session</b>
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A motion was made by Mr. Lipinski, seconded by Ms. Barnes, to adjourn from the executive session at 5:250 p.m. and resume the regular meeting. The motion passed unanimously.

**5.4**

<b>Contract Termination Approved</b>
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A motion was made by Mr. Lipinski, seconded by Mr. McShea, to Terminate Contract 06-4 for failure to complete the contact. The motion passed unanimously.

**5.5 Geisinger Contribution Agreement**

Geisinger will pay the tapping fees and connection fees currently in effect at the time of permit application for each phase of development. This includes the capacity tapping fee as well as any special purpose tapping fees.

At the time of permit application of phase I Geisinger will pay \$125,000 to UAJA as a contribution in aid of construction.

At the time of permit application of phase II Geisinger will pay \$25,000 increased by five percent per year (compound interest) from the effective date of this agreement. The interest shall be accrued up to the date of permit application.

If Geisinger sells the property, the obligation is transferred to the new owner.

**Geisinger Contribution Agreement Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve the Geisinger Contribution Agreement. The motion passed unanimously.

**6. New Business**

**Amendment #2 to Engineering Agreement – Stage 8, Phase 1A**

This amendment represents a change in fees to reflect additional services of Construction Administration by HRG due to continuing significant time overruns on Contract 06-4. An additional \$12,400 is requested.

**Amendment Approved**

A motion was made by Mr. McShea, seconded by Ms. Barnes, to approved Amendment #2 to Stage8, Phase 1A engineering agreement. The motion passed unanimously.

**6.2 Amendment to Standard Specifications – Electronic Submission of As-Built drawings**

The UAJA geographic information system (GIS) is used by UAJA field and office personnel to improve the speed and accuracy of issuing permits for lateral connections. Often, the moment as-built drawings are approved, a developer is ready to obtain permits and begin construction. The key to the process is getting the as-built drawing information into the GIS at the time as-built drawings are approved. Consequently, UAJA has amended the standard specifications section 2.01(B) to require GIS data in the form of GPS coordinates to be included with the as-built drawings. In addition, provisional approval of as-built drawings, which trigger the issuance of connection permits, will not be granted until the as-built information is successfully inserted into the UAJA GIS.

Local engineering firms have been involved in the process of developing the methods for improving the as-built approval process. The system has been tested.

**Amendment Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to approve the amendment to the standard specifications – electronic submission of as-built drawings effect May 22, 2008. The motion passed unanimously.

**6.7 Requisitions**

BRIF #52 HRG – Big Hollow Alt Study \$3,201.00

**Requisitions  
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Lapinski, to approve BRIF requisitions #52. The motion passed unanimously.

Revenue Fund #98 Operation, Maintenance & Debt Service \$500,000

**Requisitions  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Zeigler, to approve Revenue Fund requisitions #98. The motion passed unanimously.

05 Construction Fund-Req #73 Premier Safety & Service, Inc. \$351.73  
05 Construction Fund-Req #74 HRG- CM \$3,806.52

**Requisitions  
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve 05 Construction Fund – Requisitions # 73 and 74. The motion passed unanimously.

**7. Reports of Officers**

**7.1 Financial Report**

The Financial Report for the period ending April 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

- In the month of April, UAJA produced 1,540 cubic yards of compost.
- In the month of April, UAJA marketed 1,833 cubic yards of compost.
- Year to date compost production is 5,500 cubic yards.
- As of May 1, UAJA had 4,660 cubic yards of compost available for immediate sale.
- As of May 1, the total amount of compost in the storage building and in the “over flow” bays was 6,200 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 5,000 cubic yards.

**Septage Operations**

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$62.00/1000 gallons for residential/commercial septage and \$3.12/100 gallons for municipal sludge. Flow through the septage facility for the month of April was as follows:

<b><u>Residential/Commercial Septage-</u></b>	57,750 gallons
<b><u>Centre Hall/Potter Treatment Plant-</u></b>	35,500 gallons
<b><u>Port Matilda Treatment Plant-</u></b>	16,000 gallons
<b><u>Huston Township Treatment Plant-</u></b>	10,000 gallons

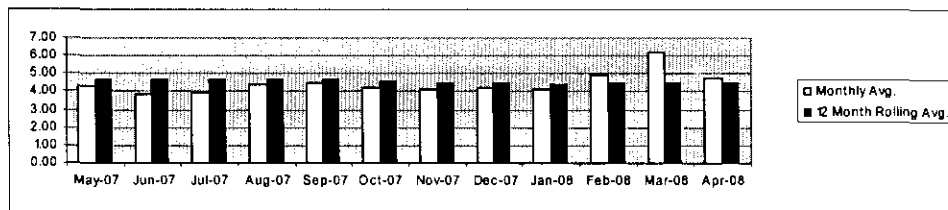
Mr. Brown presented to the Board a new format for his report in which the Board asked that he use the new format from here on out.

#### 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. However, we were out of compliance for 7 hours on April 16, 2008 for fecal during the power outage to repair the switchgears outside the Generator Bldg. The U.V. system is not part of the emergency power grid and we were unable to disinfect the effluent during this period. DEP was notified and a 5 day written notice was waived. The 12-month rolling average flow for April was 4.46mgd with the average for the month being 4.75mgd. Please see chart below.



There were no inspections by DEP during the month of April.

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

##### **Plant Maintenance**

- Replaced one ballast and seven lamps in the U.V. System.
- Installed a high level alarm in the Plant Drain Station.
- The reuse hydrant along the plant access road developed a leak. The reuse line was out of service for approximately 10 hours while the Collection Staff repaired the leak.
- The Howard Organization completed the repairs to the switchgears at the plant and Lion Country Electric completed the transformer installation outside the RAS Bldg.
- HRG made adjustments to the VFD controls to reduce the number of starts per hour on the booster pumps at the Booster Station.
- The gearbox seals were replaced in the Screening Unit auger drive.
- Replaced the motor on Scum Trough Drive #2.
- Replaced the motor for the skimmer drive unit for Primary Tanks #3 and #4.
- Installed emergency lighting in the Dewatering Building.
- Cleaned the diffusers and spray misters in the Biofilter. Due to the conditions in the system this may have to be done on a quarterly or semi-annual basis.

#### 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) Kohl’s
- (UA) Lateral Repairs – (5) 370,376,400 Park Ln., 1639 Oxford Cir., 1951 Norwood Ln.
- (UA) Mainline Cleaning – (23 manholes inspected- 3180 feet cleaned)
- (UA) Mainline Repairs – (12) 1731 , 1716,1710 Princeton Dr., 370,376,400,405,448,442,436 Park Ln., 1951 Norwood Ln.
- (UA) Manhole Repairs – (2) Willowbrook
- (UA) Manhole Casting Repairs – (0)
- (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 90% complete with the gravity portion of the Western Patton Interceptor Project. The Bore contractor has encountered more difficulties (refer to Engineer’s Report). We repaired a break on the Reuse line along Spring Valley Rd.

**(A)CONSTRUCTION & (B) I/I INSPECTION**(A)(We TV’d 1576 ua/0 fta feet of mainline and inspected 11 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. Cleaned grease rings from wet wells at Harris, Kaywood, Marywood, and Whitehall Rd. We refurbished some E-1 pumps.

**INSPECTION** Provisional As-builts Approved: Brynwood, Ph 3B.2A

**Mainline Construction:**

- a. Liberty Hill, Ph 2A – We are reviewing As-builts.
- b. Vista Courts –We are reviewing As-builts.
- c. Brynwood, Ph 3B.2B,3B.3 – Construction is approximately 90% complete.
- d. Stearns Crossing, Phase 7 – Construction is approximately 50% complete.
- e. Liberty Hill, Ph2B – Construction is complete and TV Inspection has occurred.

**New Connections:**

a.	Single-Family Residential	26	c.	Commercial	1	
b.	Multi-Family Residential	1	d.	Industrial	0	
					<b>TOTAL</b>	<b>28</b>

PA One-Calls Responded to 4/1-30/08: 307

**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***

- D&M Contracting, Inc. has notified HRG that all remaining items have been completed and a walkthrough is scheduled for the week of May 19, 2008. However, HRG and UAJA are aware of many unresolved items and we will be meeting with D&M Contracting, Inc. to discuss resolution of any outstanding items.

**Change Orders/Work Change Directives**

None at this time.

**Application for Payment**

None at this time.

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

HRG currently estimates accrued liquidated damages for the project for Contract 06-4 as follows:

**SUBSTANTIAL COMPLETION**

May 15th through August 19th.  
 August 20th through December 20<sup>th</sup>

Total of 96 days LD's of \$42,065.28 (65.4% of full amount)  
 Total of 122 days LD's of \$81,740.00

**FINAL COMPLETION**

June 15th through September 18th.  
 August 20th through April 9<sup>th</sup>

Total of 96 days LD's of \$29,508.48 (65.4% of full amount)  
 Total of 269 days LD's of \$126,430.00

**GRAND TOTAL     \$279,743.76**

**Electronic Operations and Maintenance Manual**

HRG has been working with UAJA Staff on the installation of a draft Electronic Operations and Maintenance Manual and the second version of the manual is ready to be installed. HRG is making modifications to Operational Descriptions of the Processes and refining the Maintenance Portions of the O&M Manual to meet the needs and requests of the Staff.

### **Scott Road Pump Station Improvements**

Highlights of the Construction Phase of the Scott Road Pump Station Improvements are as follows:

#### ***Contract Summary***

<b>Contr. No.</b>	<b>Contract</b>	<b>Contractor</b>	<b>Notice to Proceed</b>	<b>Substantial Completion Date</b>	<b>Time Remaining (days)</b>
06-8	General Construction	4M Construction Services Company	6/28/07	11/16/07	*
06-9	Electrical Construction	Hickes Associates, Inc.	6/28/07	11/16/07	*

\*Substantially Complete

#### ***Contract 06-8 General Construction***

- The Contractor has completed the installation of the SCADA Pole and Antenna and is awaiting testing. This is the final outstanding matter on the contract and the contract should be closed out within the next 30 days.

#### ***Contract 06-9 Electrical Construction***

- HRG is notifying Hickes Associates, Inc. of its failure to complete the remaining punchlist items to expedite contract closeout.

### **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. A Draft Report is anticipated for review with Authority Staff during May 2008.

### **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 has completed the preliminary analysis for a draft report on the Big Hollow Interceptor Rehabilitation and will present our findings to the Board.

### **Western Patton Township Flow Study and Basis of Design**

The Draft Study has been completed and sent to the Authority for review. HRG anticipates a presentation to the Board in the future regarding the requirements for improvements to adequately address growth in Western Patton Township and Halfmoon Township.

### **Western Patton Township Interceptor Design**

The horizontal auger boring is approximately 40% complete and work is continuing. HRG will provide a brief presentation on the progress to-date for the Board.

### **Compost Alternative Feedstock and Optimization**

With completion of the Trial Run for the proposed Mix and successful results, HRG is focusing on alternative feedstocks and other components to improve the economics of the operation.

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

**Auditing Services**

The current contract agreement with Maher Duessel ends with the audit being completed now. Staff would like to provide information and discuss options to secure auditing services in the future.

**8. Other Business**

**8.1 Executive Session to discuss collective bargaining negotiations**

**Executive Session**

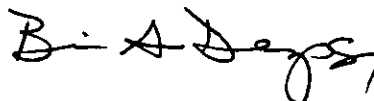
A motion was made by Mr. Lipinski, seconded by Ms. Barnes, to adjourn into an executive session at 6:30 p.m. The motion passed unanimously.

**9. Adjournment**

The meeting was adjourned at 6:37 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



BRIAN DEMPSEY  
Secretary