

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – March 20, 2013**

**1. Call to Order**

Mr. Mellott, Secretary, called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, February 20, 2012. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dietz, Ebaugh, Guss, McShea (via phone), Mellott, and Ms. Barnes; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Brown, Project Manager; Dick Campbell & David Gaines, Solicitor; Doug Weikel and Ben Burns, Consulting Engineers; Tom Songer, Torron Group; and Kathy Wheeler, Recording Secretary.

**2. Reading of the Minutes**

**2.1 UAJA Regular Meeting – February 20, 2013**

<b>UAJA Meeting Minutes Approved</b>
--

A motion was made by Mr. Ebaugh, seconded by Mr. Dietz, to approve the minutes of the UAJA meeting held on February 20, 2013 as submitted. The motion passed unanimously.

**3. Public Comment**

None.

**4. Old Business**

**4.1 Code Letter Policy**

At the February meeting, the board instructed staff to obtain comments from contractors and engineers concerning the proposed code letter policy. Responses were received from two engineers and one contractor. Based on those comments, staff is proposing changes to the policy as follows:

**Minimum criteria for obtaining a Code Letter**

1. A letter from the Developer requesting a Code Letter stating that a financial hardship will exist without the Building Permit being issued prior to the sewer permits
2. The Job Conference has been held.
3. The Inspection Escrow has been paid.
4. The following design criteria are met in addition to all other UAJA standard specifications:
  - Minimum grade on all mainline sewers within the project is .65%. (0.75 was proposed last month)
  - Minimum grade on all laterals regardless of length is 2.5% from main to building. (4.0 was proposed last month)
  - No sewer will be designed or constructed that requires the use of a backwater valve for any location in any case. This will require that the basement floor elevation is far enough above the adjacent sewer elevation so as not to cause IPC-715 to be utilized. (This entire requirement is deleted)

The last section concerning IPC-715 has been completely deleted because it is very difficult, and often impossible, to design a sewer system that every house connection is above the elevation of the upstream manhole lid. If the code office wishes to require the backflow valves, they will need to require them inside the building.

**Code Letter Policy  
Approved**

A motion was made by Mr. Guss, seconded by Mrs. Barnes, to approve Code Letter Policy as presented. The motion passed unanimously.

**5. New Business**

**5.1 Torron Centre Tapping Fee and Quarterly Billing**

Tom Songer is proposing to build an office building adjacent to the existing office building at 1951 Pine Hall Road in Ferguson Township. The building is to be 10,954 square feet, and the tenants of the building are not known at this time. UAJA policy considers this a shell building, for which the tapping fee is determined at the rate of 1 EDU per 3,000 square feet, in this case, 4 EDUs. The quarterly billing will be determined as tenants move in, but the building will be charged for 1EDU until the first tenant occupies their space.

Mr. Songer presented his request to the Board. Following a lengthy discussion the following motion was made:

**Tapping Fee Request  
Denied**

A motion was made by Mr. Dietz, seconded by Mr. Guss, to uphold the staff determination of 4 EDU's as per the rate resolution category of shell building. Motion passed with Mr. Dietz voting against the motion.

**5.2 Requisitions**

2010 Construction Fund #59	Rettew Associates Eng. – Transformer Project	\$2322.60
2010 Construction Fund #60	HRG Eng.- N. Allen Project	\$4350.00
Revenue Fund #127	Operation, Maintenance & Debt Service	\$1,000,000

**Requisitions  
Approved**

A motion was made by Mr. Ebaugh, seconded by Mr. Dietz, to approve the Requisitions as presented. The motion passed unanimously.

**6. Reports of Officers**

**6.1 Financial Report**

Mr. Smith reviewed with the Board the YTD budget report for the period ending February 28, 2013.

**6.2 Chairman’s Report**

No report.

**6.3 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>Sep. 2012</u>	<u>Oct. 2012</u>	<u>Nov. 2012</u>	<u>Dec. 2012</u>	<u>Jan. 2013</u>	<u>Feb. 2013</u>
<b>Production</b>	654 cu/yds.	925 cu/yds.	817 cu/yds.	729 cu/yds.	836 cu/yds.	677 cu/yds.
<b>YTD. Production</b>	6,786 cu/yds.	7,711 cu/yds.	8,528 cu/yds.	9,257 cu/yds.	836 cu/yds.	1,513 cu/yds.
<b>Distribution</b>	587 cu/yds.	726 cu/yds.	712 cu/yds.	1,091 cu/yds.	210 cu/yds.	60 cu/yds.
<b>YTD. Distribution</b>	7,322 cu/yds.	8,048 cu/yds.	8,760 cu/yds.	9,851 cu/yds.	210 cu/yds.	270 cu/yds.
<b>Immediate Sale</b>	1,068 cu/yds.	1,065 cu/yds.	1,364 cu/yds.	1,001 cu/yds.	1,520 cu/yds.	2,296 cu/yds.
<b>Currently in Storage</b>	1,722 cu/yds.	1,990 cu/yds.	2,181 cu/yds.	1,730 cu/yds.	2,356 cu/yds.	2,973 cu/yds.

**SEPTAGE OPERATIONS**

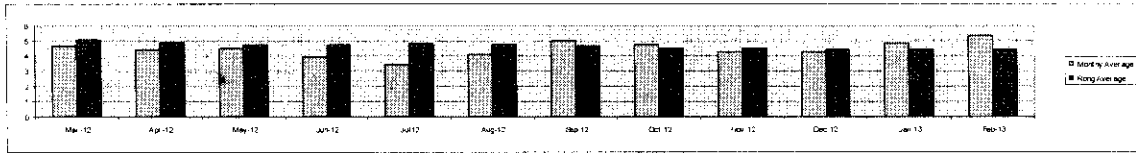
	<u>Sep. 2012</u>	<u>Oct. 2012</u>	<u>Nov. 2012</u>	<u>Dec. 2012</u>	<u>Jan. 2013</u>	<u>Feb. 2013</u>
<b>Res./Comm.</b>	2,000 gals.	25,100 gals.	9,200 gals.	0 gals.	0 gals.	2,000 gals.
<b>* Other Flow</b>	80,500 gals.	35,800 gals.	159,200 gals.	117,000 gals.	117,000 gals.	97,500 gals.
<b>CH/Potter</b>	4,499.43 lbs/solids	5,312.58 lbs/solids	5,475.21 lbs/solids	5,800.47 lbs/solids	5,095.74 lbs/solids	3,805.69 lbs/solids
<b>Port Matilda</b>	1,534.56 lbs/solids	1,601.28 lbs/solids	767.28 lbs/solids	984.12 lbs/solids	1,651.32 lbs/solids	1,351.08 lbs/solids
<b>Huston Twp.</b>	934.08 lbs/solids	800.64 lbs/solids	0 lbs/solids	817.32 lbs/solids	717.24 lbs/solids	0 lbs/solids
<b>Total Flow</b>	139,000 gals.	123,900 gals.	215,400 gals.	172,000 gals.	182,000 gals.	136,158 gals.

**6.4 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  
 PLANT OPERATION**

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for February was 4.44mgd with the average for the month being 5.35mgd. 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 #1, #2 and #4; eight tertiary filters.

**Plant Maintenance**

- Replace the UPS at the Main Station.
- Rebuilt Mac Box on Primary Pump #10.
- Disinfected Tertiary Filter #1 with peroxide in hopes that it would improve performance. There was little to no effect in the operation of the filter.
- Replaced the motor drive belt on Heat Pump HP-12.
- Replaced the grit chamber priming pump.
- The skimmer arm for #3 Secondary Clarifier caught and damaged the weir brush holders. Repairs are being made.
- Replaced the motor bearings in Continental Blower #2.
- Replaced an expansion fitting on MF3#.
- Removed two R.O. Membranes for autopsy.
- Replaced oil/air radiator in AWT Air Compressor #1.

**Reuse Total**

Total for 2013-----2,929,000 gallons.  
Total for February 2013-----1,576,000 gallons.  
Total Reuse Water Distributed to Date-----356,941,400 gallons.

**6.5 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 – (1) 726 Rosslyn Rd.
- (UA) Lateral Repairs – (11) along the 400 block of Douglas Dr. & 2000 block of N. Oak Ln.
- (UA) Mainline Cleaning – (0) manholes inspected- (0) feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (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 did brushing out of back-lot R.O.W's. and installed flow monitors at various sites. We also cleaned up a large spill (±160,000gal. est.) at MH 103 of the Oakwood Trunk sewer (DEP did inspect the site). The blockage appeared to be caused by rags and a mop-head in the line.

**(A)Construction &(B)I/I Inspection:** (A)(We TV'd 0 ua/0 fta feet of mainline and inspected 0 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/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU's).

**Lift Station Maintenance:**

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We flushed the Graysdale 2A force main. We replaced the sump pump at Shiloh Road. We did extensive telemetry system maintenance. We cleaned grease out of wet wells. We also repaired one E-1 grinder pump.

**Inspection: ; Provisional As-builts Approved: Grays Woods Blvd. Extension, Brynwood, Ph 3C**

**Mainline Construction:**

- a. The Retreat – As-builts are under review.
- b. Turnberry – Construction is approximately 75% complete.
- c. The Villas at State College, Ph2 – Construction is complete. We are awaiting As-builts.
- d. Waddle Heights II – Construction is complete. We are awaiting As-builts.
- e. Eastview Plaza – Construction is complete. We are waiting for As-builts.
- f. The Grove,Ph1 – Construction is approximately 75% complete.
- g. Limerock Court – Construction is approximately 85% complete.

**New Connections:**

a.	Single-Family Residential	13	c.	Commercial	1
b.	Multi-Family Residential	0	d.	Industrial	0
					<b>TOTAL 14</b>

PA One-Calls Responded to 2/1-28/13: 135

**6.6 Engineer's Report**

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

**Retainer**

- Sewer Extension Regulations - We have consulted with staff concerning sewer extension policy changes.
- Sewer Model Updates – We met with staff concerning sewer model updates as well as GIS needs. Staff is gathering a GIS data subset is needed to test efficiency of EDU distribution.
- Capital Improvement Plan - Provided information to staff regarding projected projects.

**Big Hollow Interceptor Rehabilitation**

- Contract 09-4/5/6 Big Hollow Diversion Pump Station (General, Mechanical, Electrical)

**Contract Summary (as of March 12<sup>th</sup>)**

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion	Time Remaining (days)
09-4	General	Lobar Inc.	2/26/2013	12/23/2013	286

09-5	Mechanical	Port Vue Plumbing, Inc.	2/26/2013	12/23/2013	286
09-6	Electrical	Robert P. Lepley Electrical Contractors	2/26/2013	12/23/2013	286

- Pre-Construction Conference was held on February 26<sup>th</sup>.
- Submittals have been received and are being reviewed.
- Start of physical construction is anticipated to be March 18<sup>th</sup>.

*Change Orders/Work Change Directives*

WC D#	Estimated Amount	Reason
4-1	(\$20,543.11 )	Delete requirement for obtaining Building Permit.
4-2	\$3,100.00	Revisions to Drawings as required for Building Permit adding insulation, fire extinguisher, and attic access.

*Applications for Payment*

No Applications for Payment were received.

**Constructed Wetlands**

The project remains on-hold until the permit objections are resolved. PHMC has approved the archeological work and we are coordinating the water obstruction permit with DEP.

**Radio Park Interceptor**

The project includes an analysis of the interceptor by updating/validating the flow modeling completed in 2005. Finalization is being withheld to corroborate data with hydraulic model update.

**NPDES Permit Renewal**

HRG attended a meeting with Staff and DEP on March 13, 2013 concerning the draft permit.

**North Allen Back-Lot Sewer Replacement**

Easement exhibits for the affected properties have been produced and transmitted to the Solicitor.

**6.7 Executive Director's Report**

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

**Strategic Planning**

Work continues on the draft list of sewer replacement projects and the sewer model. Staff has also begun evaluating potential gravity sewer extensions to eliminate existing and future pump stations.

7. **Other Business**

**Executive Session**

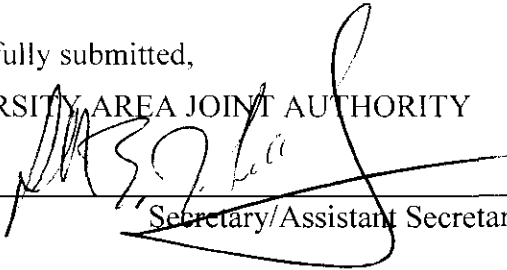
A motion was made by Mr. Dietz, seconded by Mr. Ebaugh, to adjourn to executive session at 5:35 p.m. The motion passed unanimously.

8. **Adjournment**

The meeting was adjourned at 5:3.5 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

  
Secretary/Assistant Secretary