

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – July 16, 2014

1. Call to Order

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, July 16, 2014. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Ebaugh, Guss, Lapinski, Schmalz, Spac and Ms. Prestia; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director, Dick Lahr, Collection System Superintendent; Art Brant, Plant Superintendent; Jason Brown, Project Manager; Richard Campbell, Solicitor; Doug Weikel, Ben Burns, Consulting Engineers; Eric Vorwald and Janet Sulzer, Centre Region; Jason Wert and Chris Underwood, RETTEW; and Kathy Wheeler, Recording Secretary.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – June 18, 2014

UAJA Meeting Minutes Approved
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A motion was made by Mr. Lapinski, seconded by Mr. Guss, to approve the minutes of the UAJA meeting held on June 18, 2014 as submitted. The motion passed unanimously.

3. Public Comment

Ms. Sulzer reported that Everhart Farm is requesting rezoning from Ag to residential. These 65 acres would result in up to 80 building lots. All Nation Bible is developing a rain garden. Parking for the Barn Brewing will increase potentially up to 50 new spaces.

4. Old Business

4.1. Collective Bargaining Agreement

After several meetings, tentative agreement has been reached on the collective bargaining agreement with AFSCME Local 1203. The contract language is mostly the same as the previous contract. Proposed changes are included in the agenda packet. Briefly, changes are as follows:

Clarification that employees may contribute up to 12 percent of their salary to the 401 retirement plan, but only 5 percent is matched by the Authority.

Clarification that comp time must be approved by management.

The second lump sum payment for operators can no longer be taken as comp time.

The addition of an emergency standby roster as needed for weather and other emergencies, with a daily standby payment of \$15.

The employee contributions for health care remain the same, and the annual cost of living adjustment remains the same. The proposed contract expires in four years.

Collective Bargaining Agreement Approved

A motion was made by Mr. Ebaugh, seconded by Mr. Lapinski, to approve the Collective Bargaining Agreement. The motion passed unanimously.

3. New Business

5.1 Odor Management Study

UAJA received proposals from three consultant teams. The complete proposals were provided to the board members. The three consultant teams are:

Rettew and Hazen and Sawyer
HRG and Material Matters
Bowker & Associates and Webster Environmental Associates

After review of the proposals, staff believes that the HRG/Material Matters team will provide the best match for meeting our needs. The proposed price is \$66,425.

**Bid Award
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Guss, to award the contract for the Odor Management Study to the team HRG and Material Matters in the amount of \$66,425. The motion passed unanimously.

5.2 Solids Handling and AWT Upgrade Project Contract # 2014-05 General

Bids were opened Friday, July 11, 2014 at 1:00 PM. Six bids were received:

Kranick Environmental Contractors	\$1,014,000
Performance Construction	\$1,063,674
G.M. McCrossing Inc.	\$1,069,670
HRI, Inc.	\$1,116,000
M2 Construction LLC	\$ 954,700
Hickes Associates	\$1,236,498

**Solids Handling and AWT
Upgrade Project Contract
#2014-05 General
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Spac, to award Solids Handling and AWT Upgrade Project Contract # 2014-05 General to M2 Construction LLC. The motion passed unanimously.

5.3 Solids Handling and AWT Upgrade Project Contract # 2014-06 Mechanical

Bids were opened Friday, July 11, 2014 at 1:00 PM. One bid was received:

M2 Construction LLC **\$198,500**

**Solids Handling and AWT
Upgrade Project Contract #
2014-06 Mechanical
Approved**

A motion was made by Mr. Guss, seconded by Mr. Lapinski, to award Solids Handling and AWT Upgrade Project Contract # 2014-06 Mechanical to M2 Construction LLC. The motion passed unanimously.

5.4 Solids Handling and AWT Upgrade Project Contract # 2014-07 Electrical

Bids were opened Friday, July 11, 2014 at 1:00 PM. Three bids were received:

Bob Biter Electrical, Inc.	\$121,700
Robert P. Lepley Electrical Contractor	\$143,936
Hickes Associates, Inc.	\$139,400

<p>Solids Handling and AWT Upgrade Project Contract # 2014-07 Electrical Approved</p>

A motion was made by Mr. Ebaugh, seconded by Mr. Lapinski, to award Solids Handling and AWT Upgrade Project Contract # 2014-07 Electrical to Bob Biter Electrical Enterprise. The motion passed unanimously.

5.5 Requisitions

BRIF #90	Robert P. Lepley Electric Pay App #7 Big Hollow Pump Station	\$16,668.16
BRIF #91	Lobar Inc. Pay App #15 Big Hollow Pump Station	\$48,278.69
BRIF #92	Dale Summit Acquisitions July 2014 Lease Pymt Reuse Water Storage Tanks	\$25,000.00
BRIF #93	Miller Pump Systems, Inc. Float Back-up system Big Hollow Pump Station	\$4,216.12
BRIF #94	HRG Construction Admin. Ghaner 1 replacement	\$599.17
BRIF #95	IC&EE SCADA programming Big Hollow Pump Station	\$8,393.44
BRIF #96	Rettew Engineering, Energy Audit, HVAC Upgrade, Bidding Solids Handling & AWT Upgrade	\$42,258.44
BRIF #97	Groff Tractor and Equipment Equipment Rental 6/23 – 7/20	\$5,000.00

<p>Requisitions Approved</p>
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A motion was made by Mr. Lapinski, seconded by Mr. Spac, to approve the BRIF # 90-97. The motion passed unanimously.

Revenue Fund #134	Debt Service, Operating and Maintenance	\$1,000,000
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**Requisitions
Approved**

A motion was made by Mr. Guss, seconded by Mr. Ebaugh, to approve the Revenue Fund #134. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

Mr. Smith reviewed with the Board the YTD budget report for the period ending June 30, 2014.

7.2 Chairman’s Report

Mr. Schmalz reported that he and Mr. Ebaugh attended the meeting to discuss issues of concern that Tom Songer has. The meeting was held on June 24th. Mr. Schmalz said Mr. Songer would like to see all UAJA fees to be associated with water usage.

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.

COMPOST PRODUCTION AND DISTRIBUTION

	<u>Jan. 2014</u>	<u>Feb. 2014</u>	<u>Mar. 2014</u>	<u>Apr. 2014</u>	<u>May 2014</u>	<u>Jun. 2014</u>
Production	783 cu/yds.	623 cu/yds.	680 cu/yds.	716 cu/yds.	859 cu/yds.	689 cu/yds.
YTD. Production	783 cu/yds.	1,406 cu/yds.	2,086 cu/yds.	2,802 cu/yds.	3,661 cu/yds.	4,350 cu/yds.
Distribution	139 cu/yds.	0 cu/yds.	387 cu/yds.	2,299 cu/yds.	863 cu/yds.	561 cu/yds.
YTD. Distribution	139 cu/yds.	139 cu/yds.	526 cu/yds.	2,825 cu/yds.	3,688 cu/yds.	4,249 cu/yds.
Immediate Sale	1,750 cu/yds.	2,533 cu/yds.	2,772 cu/yds.	1,163 cu/yds.	907 cu/yds.	1,205 cu/yds.
Currently in Storage	2,533 cu/yds.	3,541 cu/yds.	3,452 cu/yds.	1,879 cu/yds.	1,766 cu/yds.	1,894 cu/yds.

SEPTAGE OPERATIONS

	<u>Jan. 2014</u>	<u>Feb. 2014</u>	<u>Mar. 2014</u>	<u>Apr. 2014</u>	<u>May 2014</u>	<u>Jun. 2014</u>
Res./Comm.	2,000 gals.	0 gals.	0 gals.	6,500 gals.	10,000 gals.	19,100 gals.
* Other Flow	124,500 gals.	82,500 gals.	52,500 gals.	66,000 gals.	78,000 gals.	0 gals.
CH/Potter	2,764.71 lbs/solids	4,065.75 lbs/solids	3,903.12 lbs/solids	9,324.12 lbs/solids	8,239.92 lbs/solids	8,131.50 lbs/solids
Port Matilda	2,135.04 lbs/solids	1,251.00 lbs/solids	1,534.56 lbs/solids	1,718.04 lbs/solids	1,901.52 lbs/solids	1,617.96 lbs/solids
Huston Twp.	767.28 lbs/solids	0 lbs/solids	600.48 lbs/solids	1,100.88 lbs/solids	0 lbs/solids	817.32 lbs/solids

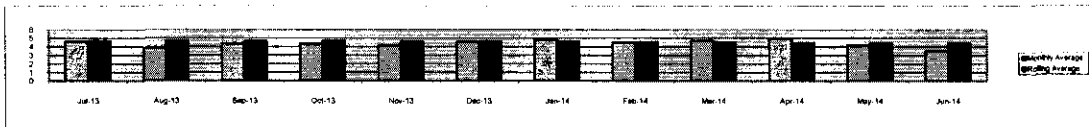
				lbs/solids		
Total Flow	171,500 gals.	120,500 gals.	98,500 gals.	144,500 gals.	153,500 gals.	88,600 gals.

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.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for June was 4.42mgd with the average for the month being 3.51mgd. Please see chart below.



There were no inspections by DEP this month.

Treatment units on line are as follows: primary clarifiers #3, #4, #5 and #6; aeration basins #1 and #2; secondary clarifiers #1, #3 and #4; eight tertiary filters.

Plant Maintenance

- Replaced hot water heater in the Tertiary Bldg.
- Repaired water leaks on the AWT Feed Pre-strainers.
- The CAT Skid steer had electrical and hydraulic repairs and the single axle dump truck was inspected by Cleveland Brothers.
- Replaced the roof on the old Well House.
- Becks aligned the '01 Chevy van.
- Replaced the motor bearings in the Utility Water Pump #1.
- PBCI Allan replaced the refrigeration compressors in the Blower Room heat pump HP-13.
- Repaired the motor on Caustic Pump #2.
- Replaced the UPS for the IPS Pump Station.
- CH Reed installed a water/oil separator in the air system at AWT.
- Built a chemical feed skid for injecting chlorine in the Reuse Line.
- Rebuilt the chemical injector for the Reuse Line.
- The 621D was sent to Groff for numerous repairs.

Reuse Total

Total for 2014-----51,844,800 gallons.
 Total for June 2014-----13,950,700 gallons.
 Total Reuse Water Distributed to Date-----495,808,400 gallons

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.

(UA) Lateral Installations – (2) Bldg. G at College Courts. VA Clinic at Clyde Avenue.

(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 – (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 working on the N. Allen Street rehabilitation, and are approximately 65% completed. We repaired a sink-hole on the PSU White Course, which was endangering our Struble Interceptor.

(A)Construction &(B)I/I Inspection(A)(We TV'd 1292 ua/0 fta feet of mainline and inspected 9 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 adjusted the drives at the Ghaner Rd. station. We rebuilt a 3127 pump, an E-1 pump and also an upright pump at Shiloh Rd. We also cleaned wet wells to remove grease.

Inspection: Final As-builts Approved: None

Mainline Construction:

- a. Liberty Hill, Phase 3 – As-built drawings are being put into electronic form for GIS inclusion.
- b. Liberty Hill, Phase 2C – As-built drawings are being put into electronic form for GIS inclusion.
- c. CVS, N. Atherton – Construction is complete. We are awaiting As-built submission.
- d. Rocky Ridge, ph2 – Construction is approximately 25% complete.
- e. Villal & Villa 2 Apts. Replacement – Construction is approximately 15% complete.
- f. The Gates – Construction is approximately 10% complete.

New Connections:

a.	Single-Family Residential	10	c.	Commercial	2	
b.	Multi-Family Residential	0	d.	Industrial	0	
					TOTAL	12

PA One-Calls Responded to 6/1-30/14: **300**

7.6 Engineer's Report

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

Retainer

- Sewer Model Updates –Staff is updating the GIS data base for geospatial EDU distribution.

Big Hollow Interceptor

Contract Summary (as of July 11, 2014, date of Board Meeting)

Notice to Proceed	Contract Time ¹	Substantial Completion ¹	Time Used	% Used
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2/26/2013	323	1/15/2014	505	+100%
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¹Contract Time and Substantial Completion Date reflect time extension in accordance with Change Order 4-4.

- Contracts 09-4, 09-5, 09-6: Big Hollow Diversion Pump Station
 - ✓ Construction Conference No. 16 was held on July 3, 2014. Meeting minutes have been distributed.
 - ✓ Contractor and Owner mutually agreed to postpone mediation until project completion for Engineer’s denial of costs for flooding.
 - ✓ Contractor requested time extensions
 - Delays associated with wet weather
 - Delays associated with delay in permanent power
 - Delays associated with cold weather
 - Delays associated with relocation of sewer line (new claim for 60 days)
 - ✓ Wet well covers and exhaust fans are temporarily installed while Contractor is waiting for new panels to correct penetration alignment issues.
 - ✓ Communications between the station and the plant have been achieved. UAJA staff is working to install an uninterrupted power supply on the cellular modem to prevent communication loss during routine generator exercising.
 - ✓ Flow diversion has occurred and the station has been operating on the 100 Series Pumps and the 20-inch forcemain.
 - ✓ Work remaining:
 - Lining of 36” highway crossing (scheduled for July 21st. The line has been cleaned and televised.)
 - Installation of air release chambers
 - Final tie-ins
 - Start-up of 200 Series Pumps.

Contract Changes (Change Orders/Work Change Directives)

The following summarizes the status of all Contract Changes requested, approved, or pending:

No.	Contract	Description	Amount	Notes
CO 4-1	GC	Delete requirement for obtaining Building Permit.	(\$20,543.11)	Executed
CO 4-2	GC	Additional Code Requirements	16,818.99	Executed
CO 4-3	GC	Shorten Factory Pump Cable Lengths	(\$9,135.00)	Executed
CO 4-4	GC	Additional Time for Rain Events	21 Days	Mediation
CO 4-5	GC	Modified Grading/Deletion of Field Controls	\$1,210.74	Time Requested
CO 4-6	GC	Relocate Sewer on north side of I-99	\$3,962.41	Executed
CO 6-1	EC	Add Junction Box & Wiring/Upsize main breaker	\$4,492.70	Executed
CO 6-2	EC	Provide Starters for EF-1, EF-2, and SF-1	\$ 4,168.45	Recommended
COR 4-2	GC	Upcharge for window frame color selection	\$875.00	Rejected
COR 4-4	GC	Additional Compensation for Rain Events	\$125,270.46	Rejected
WCD	GC	Cut through concrete encasement on 36”	Developing	Recommended

4-4		pipe		
WCD	GC	Delete Requirements for Code Required	Developing	Concrete Testing
4-5		Testing		

Applications for Payment

The following Applications for Payment were received and are recommended for approval, as follows:

Contr. No.	Contract	Contractor	App No.	Amount
09-4	General	Lobar, Inc.	15	\$ 48,278.69
09-5	Mechanical	Port Vue	-	\$ --,---,--
09-6	Electrical	Lepley Electric	7	\$ 16,668.16
				\$ 64,946.85

Constructed Wetlands

Pre-construction conference was held on July 9th and notice-to-proceed was issued.

Radio Park Interceptor

Finalized hydraulic model update for the Radio Park Sewershed using survey data collected for manholes at Atherton Street crossing. Existing EDU distribution and allocation was completed by counting EDUs for single residential units and consulting with UAJA staff for multiple EDU connections. Future modeling was completed using Centre Region Planning’s build-out analysis.

Selders Circle Sewer Relocation

Field stake-out anticipated in upcoming weeks.

Ghaner Road Pump Station

HRG is working with Staff to evaluate pump performance and simulate worse case pumping scenarios. Assisting with operation of the station as needed.

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.

Pennsylvania Energy Development Authority Grant

The Pennsylvania Energy Development Authority has \$12.5 million available for funding alternative energy and energy efficiency projects in Pennsylvania. Grants can be up to \$500,000. UAJA staff and Rettew are evaluating several possible projects including solar panels and using natural gas to generate electricity and heat onsite, possibly with a retrofit of the existing diesel backup generator.

Reuse Water

A meeting was held July 17, 2014 with PSU Government Affairs to assist with the language for the reuse water. Rob Cooper, John Gaudlip, Mr. Ebaugh and Mr. Schmalz are assisting in this effort.

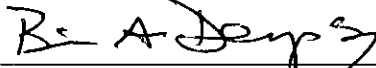
8. Other Business

9. Adjournment

The meeting was adjourned at 5:45.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary