

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – June 18, 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, June 18, 2014. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dempsey, Guss, Lapinski, McShea, Schmalz and Ms. Prestia; Cory Miller, Executive Director, Mark Harter, Assistant Collection System Superintendent; Art Brant, Plant Superintendent; Jason Brown, Project Manager; David Gaines, Solicitor; Doug Weikel, Ben Burns, Consulting Engineers; Eric Vorwald, Centre Region; Judi Sittler, Trout Unlimited; Robin Brandt, Material Matters, Inc., and Kathy Wheeler, Recording Secretary.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – May 18, 2014

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

3. Public Comment

None.

4. Old Business

4.1. Backyard make-over partnership with Trout Unlimited

Judi Sittler of Trout Unlimited reported to the Board on the Return the Roots, Runoff Pollutes backyard make-over project. UAJA was a partner in this grant and assisted with the planting of trees for the make-over.

5. New Business

5.1 Kissinger Meadow Wetland and Stream Augmentation – Phase 1

Bids were opened on June 13, 2014 for this project. The bid results were provided in the board packet. HRG reviewed the bids results and recommended that the contract be awarded to John Nastase Construction.

Bid Award Approved

A motion was made by Mr. Lapinski, seconded by Mr. Guss, to award the contract for the Kissinger Meadow Wetland and Stream Augmentation Phase 1 to John Nastase Construction as recommended. The motion passed unanimously.

5.2 Budget Amendment to Purchase Lab Equipment

Recommendations made by the Board in response to the 2012 Chapter 94 Report and the resultant actions by DEP included purchase of an automated glassware washer for BOD bottles and a TOC Analyzer. The recommendation to buy this equipment was not made until after the 2014 budget was approved, so funds were not budgeted. Staff is prepared to move forward on purchase of this equipment. Cost for the glassware washer is estimated at \$12,000 and the TOC analyzer is estimated at \$30,000. Accounts need to be created and added to the Capital budget so these items can be procured. Approval of these purchases will reduce the overall budget surplus from \$223,317 to \$181,317.

**Capital Budget
Amendment
Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to amend the 2014 Capital Budget to include \$30,000 for a TOC analyzer and \$12,000 for an automatic glassware washer. The motion passed unanimously.

5.3 Final Design: Fieldstone Phase 3

Final design drawings for the Fieldstone Phase 3 sewer extension (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 27 EDU's of single family homes. The review comments have been addressed.

**Final Design
Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve the Final Design: Fieldstone Phase 3. The motion passed unanimously.

5.4 Final Design: The Landings Phase 1b

Final design drawings for the Landings Phase 1b sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 21 EDU's of single family homes. The review comments have been addressed.

**Final Design
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Guss, to approve the Final Design: The Landings Phase 1b. The motion passed unanimously.

5.5 Final Design: Saybrook Phase 10

Final design drawings for the Saybrook Phase 10 sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 10 EDU's of single family homes. The review comments have been addressed.

**Final Design
Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve the Final Design: Saybrook Phase 10. The motion passed unanimously.

5.6 Final Design: The Village at Penn State Phase 12

Final design drawings for the Village at Penn State Phase 12 sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 25 EDU's of single family homes. The review comments have been addressed.

**Final Design
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Guss, to approve the Final Design: The Village at Penn State Phase 12. The motion passed unanimously.

5.7 Requisitions

BRIF #82

Robert P. Lepley Electric
Pay App #6
Big Hollow Pump Station

\$5,921.51

BRIF #83	Lobar Inc. Pay App #14 Big Hollow Pump Station	\$49,552.26
BRIF #84	Dale Summit Acquisitions May 2014 Lease Pymt Reuse Water Storage Tanks	\$25,000.00
BRIF #85	HRG Construction Administration Big Hollow Pump Station	\$6,040.94
BRIF #86	HRG Construction Admin. Ghaner 1 replacement	\$1,365.00
BRIF #87	Morefield Communications Communications Big Hollow Pump Station	\$5,291.00
BRIF #88	Industrial Networking Solutions P.O. Box 540 Addison, TX 75001-0540	\$1503.76

**Requisitions
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. McShea, to approve the BRIF # 82-88. The motion passed unanimously.

BRIF #89	L/B Water	\$28,816.00
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**Requisitions
Approved**

A motion was made by Mr. Guss, seconded by Mr. Dempsey, to approve the BRIF # 89. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

Mr. Miller reviewed with the Board the YTD budget report for the period ending May 31, 2014.

7.2 Chairman's Report

Mr. Schmalz reported that he had received an invitation from Tom Songer to discuss issues of concern. The meeting is to be held on June 24th. Mr. Schmalz said that he would remind Mr. Songer that the Board has had a committee reviewed the issue of flat rate versus volummetric billing. Mr. Walt Ebaugh has also been invited to attend this meeting.

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>Dec. 2013</u>	<u>Jan. 2014</u>	<u>Feb. 2014</u>	<u>Mar. 2014</u>	<u>Apr. 2014</u>	<u>May 2014</u>
Production	771 cu/yds.	783 cu/yds.	623 cu/yds.	680 cu/yds.	716 cu/yds.	859 cu/yds.
YTD. Production	8,726 cu/yds.	783 cu/yds.	1,406 cu/yds.	2,086 cu/yds.	2,802 cu/yds.	3,661 cu/yds.
Distribution	253 cu/yds.	139 cu/yds.	0 cu/yds.	387 cu/yds.	2,299 cu/yds.	863 cu/yds.
YTD. Distribution	8,333 cu/yds.	139 cu/yds.	139 cu/yds.	526 cu/yds.	2,825 cu/yds.	3,688 cu/yds.
Immediate Sale	1,118 cu/yds.	1,750 cu/yds.	2,533 cu/yds.	2,772 cu/yds.	1,163 cu/yds.	907 cu/yds.
Currently in Storage	1,889 cu/yds.	2,533 cu/yds.	3,541 cu/yds.	3,452 cu/yds.	1,879 cu/yds.	1,766 cu/yds.

SEPTAGE OPERATIONS

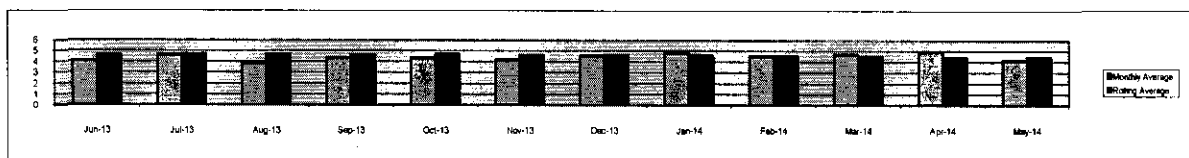
	<u>Dec. 2013</u>	<u>Jan. 2014</u>	<u>Feb. 2014</u>	<u>Mar. 2014</u>	<u>Apr. 2014</u>	<u>May 2014</u>
Res./Comm.	0 gals.	2,000 gals.	0 gals.	0 gals.	6,500 gals.	10,000 gals.
* Other Flow	178,000 gals.	124,500 gals.	82,500 gals.	52,500 gals.	66,000 gals.	78,000 gals.
CH/Potter	2,927.34 lbs/solids	2,764.71 lbs/solids	4,065.75 lbs/solids	3,903.12 lbs/solids	9,324.12 lbs/solids	8,239.92 lbs/solids
Port Matilda	1,351.08 lbs/solids	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
Huston Twp.	984.12 lbs/solids	767.28 lbs/solids	0 lbs/solids	600.48 lbs/solids	1,100.88 lbs/solids	0 lbs/solids
Total Flow	221,500 gals.	171,500 gals.	120,500 gals.	98,500 gals.	144,500 gals.	153,500 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 May was 4.42mgd with the average for the month being 4.16mgd. 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

- Hauled scrap from below the Tertiary Bldg.
- A new Auma valve failed and was sent back for warranty repair.
- The scissors lift was inspected and certified by Cleveland Brothers.
- Replaced the weir brushes in the Secondary Clarifiers.
- Hach serviced and certified the Nitrogen Probes.
- R and D serviced and certified the Headworks Air Monitors.
- Roy Brooks Welding will repair the arm for the bridge drive in Secondary Clarifier #2. Most of the repair will be covered by insurance.
- Repaired a roof leak in the Control Bldg.
- Repaired a Utility Water line leak near the Wetlands.
- Rebuilt the unloading valve on AWT Air-Compressor #1.
- Repaired a process water spool on MF#3.
- Replaced the conveyor sprockets on all three composters.
- Cleaned the laterals in the Bio-Filter with the jet truck.

Reuse Total

Total for 2014-----37,894,100 gallons.
Total for May 2014-----12,521,100 gallons.
Total Reuse Water Distributed to Date-----481,857,700 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 – (0)
- (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 have placed the new Ghaner Rd. lift station into service. All is working as designed. We have begun work on the N. Allen Street rehabilitation, and are approximately 30% completed. We also did restoration and sidewalks for lateral repairs.

(A)Construction &(B)I/I Inspection(A)(We TV'd 307 ua/0 fta feet of mainline and inspected 5 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 completed the new Ghaner Rd. station. We removed the old #1 & #2 stations from service and will soon have the sites completely restored. We rebuilt a 3127 pump at the Graysdale 2B station. We rebuilt two (2) E-1 pumps. 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 approximately 95% complete.
- d. Rocky Ridge, ph2 – Set to start soon.
- e. Villa1 & Villa 2 Apts. Replacement – Set to start soon.
- f. The Gates – Set to start soon.

New Connections:

a.	Single-Family Residential	17	c.	Commercial	4	
b.	Multi-Family Residential	1	d.	Industrial	0	
					TOTAL	22

PA One-Calls Responded to 5/1-31/14: **377**

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 database for geospatial EDU distribution.

Contract Summary (as of May 21, 2014, date of Board Meeting)

Notice to Proceed	Contract Time ¹	Substantial Completion ¹	Time Used	% Used
2/26/2013	321	1/13/2014	477	+100%

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. 15 was held on June 4, 2014 at 2 PM.
 - ✓ 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
 - ✓ 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.
 - ✓ Change Order No. 4-6 for relocation of sewer line due to unmarked fiber optic conduit.
 - ✓ Flow diversion scheduled for June 16th, followed by testing through the 23rd.
 - ✓ Work remaining:

- Lining of 36” highway crossing
- 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.	Cont	Description	Amount	Status
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

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.	14	\$ 49,552.26
09-5	Mechanical	Port Vue	-	\$ --,---.--
09-6	Electrical	Lepley Electric	6	\$ 5,921.51
				\$ 55,473.77

Constructed Wetlands

Bid opening scheduled for June 13, 2014 at 10 AM. Results will be presented at the meeting.

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

All permits have been received. HRG is coordinating with staff for construction later this summer.

Ghaner Road Pump Station

Start-up has been completed. The old pump stations are being demolished. HRG is working

with Staff to evaluate pump performance and simulate worse case pumping scenarios.

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.

May 29th Meeting With DEP

On May 29th, UAJA met with DEP in Williamsport to discuss the future relationship between UAJA and DEP. UAJA expressed that while most wastewater systems in the State have as their mission to meet disposal regulations, UAJA mission, supported by the Centre Region, looks at wastewater as a vital resource that needs to be used in the best possible way. As a reminder, UAJA's mission statement is: *Reuse water and biosolids to benefit the environment, quality of life, and economy of the region.*

A long discussion focused on the eventual change of designation of Slab Cabin Run to High Quality Cold Water Fishery, and how the beneficial reuse project can continue as planned. It was generally agreed that the safe way forward is for the Region to update the Act 537 Plan, and then permit all of the potential reuse sites prior to the change in designation.

Elected Officials Meeting

Elected Officials Meeting will be held on June 24, 2014. There will be a meeting and a tour. Lunch will be provided.

Odor Study

A recommendation for who will do the Odor Study will be available at the next meeting.

America Water Works

Mr. Miller will be emailing the Board an article regarding the western drought and the use of potable reuse direct from the plant.

Communicatin

There was a failure of communications that was a Comcast issue. A backup system will be put in place to get the information required from the pump station when a communication failure happens again.

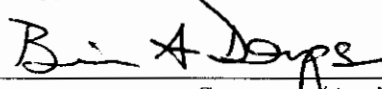
8. **Other Business**

9. **Adjournment**

The meeting was adjourned at 5:15.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary