

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – May 21, 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, May 21, 2014. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dietz, Dempsey, Ebaugh, Guss, Lapinski, McShea, and Schmalz, Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Dick Lahr, Collection System Superintendent; Art Brant, Plant Superintendent; Jason Brown, Project Manager; Richard Campbell and David Gaines, Solicitor; Doug Weikel, Ben Burns, Consulting Engineers; Brian McCall and Mallory Starr, Maher Duessel; Janet Sulzer and Eric Vorwald, Centre Region; Mark Whitfield, State College Borough; and Kathy Wheeler, Recording Secretary.

**2. Reading of the Minutes**

**2.1 UAJA Regular Meeting – April 16, 2014**

<b>UAJA Meeting Minutes Approved</b>
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A motion was made by Mr. Lapinski, seconded by Mr. Ebaugh, to approve the minutes of the UAJA meeting held on April 16, 2014 as corrected. The motion passed unanimously.

**3. Public Comment**

None.

**4. Old Business**

**4.1 2013 Audit**

The final DRAFT audit was provided to board members via email or fax on May 7<sup>th</sup>. Mr. McCall and Ms. Starr reviewed the audit, management letter and communication to those charged with governance with the board members.

<b>2013 Audit Approved</b>
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A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve the 2013 Audit. The motion passed unanimously.

**4.2 Green Infrastructure Grant Application**

Hazen and Sawyer and UAJA staff worked together on a very short timeline to complete the grant application to the National Fish and Wildlife Federation that the board endorsed at last month's meeting. Staff is available to answer any questions on the application or the proposed project. We will keep the board updated on any progress.

**5. New Business**

**5.1 Requisitions**

BRIF #74	Dale Summit Acquisitions	\$25,000.00
	April 2014 Lease Pymt	
	Reuse Water Storage Tanks	

<b>Requisitions Approved</b>
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A motion was made by Mr. Lapinski, seconded by Mr. Dietz, to approve the BRIF # 74. The motion passed unanimously.

BRIF #75  
Lobar Inc. \$38,741.89  
Pay App #13  
Big Hollow Pump Station

**Requisitions  
Approved**

A motion was made by Mr. Dietz, seconded by Mr. McShea, to approve the BRIF # 75. The motion passed unanimously.

BRIF #76  
Port Vue Plumbing \$25,496.10  
Pay App #5  
Big Hollow Pump Station

**Requisitions  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Ebaugh, to approve the BRIF #76. The motion passed unanimously.

BRIF #77  
Robert P. Lepley Electric \$22,474.58  
Pay App #5  
Big Hollow Pump Station

**Requisitions  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve the BRIF# 77. The motion passed unanimously.

BRIF #78  
HRG \$1,072.50  
Construction Admin.  
Ghaner 1 replacement

**Requisitions  
Approved**

A motion was made by Mr. Guss, seconded by Mr. Ebaugh, to approve the BRIF #78. The motion passed unanimously.

BRIF #79  
CMT Labs \$187.50  
Field Steel Inspection  
Big Hollow Pump Station

**Requisitions  
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Dietz, to approve the BRIF #79. The motion passed unanimously.

BRIF #80  
Rettew \$12,425.44  
Design  
Solids Handling & AWT upgrade

**Requisitions  
Approved**

A motion was made by Mr. Dietz, seconded by Mr. Dempsey, to approve the BRIF #80. The motion passed unanimously.

BRIF #81 Robert P. Lepley Electric \$8,645.00  
 Payment for electrical  
 Ghaner 1

<b>Requisitions Approved</b>	A motion was made by Mr. McShea, seconded by Mr. Dietz, to approve the BRIF # 81. The motion passed unanimously.
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Revenue Fund #133 Debt Service, Operating and Maintenance \$1,000,000

<b>Requisitions Approved</b>	A motion was made by Mr. McShea, seconded by Mr. Dietz, to approve the Revenue Fund # 133. The motion passed unanimously.
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**7. Reports of Officers**

**7.1 Financial Report**

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

**7.2 Chairman's Report**

No report.

**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>Nov. 2013</u>	<u>Dec. 2013</u>	<u>Jan. 2014</u>	<u>Feb. 2014</u>	<u>Mar. 2014</u>	<u>Apr. 2014</u>
<b>Production</b>	661 cu/yds.	771cu/yds.	783 cu/yds.	623 cu/yds.	680 cu/yds.	716 cu/yds.
<b>YTD. Production</b>	7,955 cu/yds.	8,726 cu/yds.	783 cu/yds.	1,406 cu/yds.	2,086 cu/yds.	2,802 cu/yds.
<b>Distribution</b>	506 cu/yds.	253 cu/yds.	139 cu/yds.	0 cu/yds.	387 cu/yds.	2,299 cu/yds.
<b>YTD. Distribution</b>	8,080 cu/yds.	8,333 cu/yds.	139 cu/yds.	139 cu/yds.	526 cu/yds.	2,825 cu/yds.
<b>Immediate Sale</b>	710 cu/yds.	1,118 cu/yds.	1,750 cu/yds.	2,533 cu/yds.	2,772 cu/yds.	1,163 cu/yds.
<b>Currently in Storage</b>	1,371 cu/yds.	1,889 cu/yds.	2,533 cu/yds.	3,541 cu/yds.	3,452 cu/yds.	1,879 cu/yds.

**SEPTAGE OPERATIONS**

	<u>Nov. 2013</u>	<u>Dec. 2013</u>	<u>Jan. 2014</u>	<u>Feb. 2014</u>	<u>Mar. 2014</u>	<u>Apr. 2014</u>
<b>Res./Comm.</b>	0 gals.	0 gals.	2,000 gals.	0 gals.	0 gals.	6,500 gals.

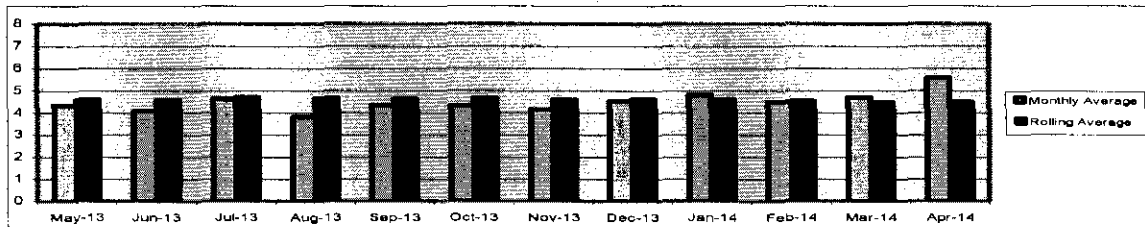
<b>* Other Flow</b>	36,000 gals.	178,000 gals.	124,500 gals.	82,500 gals.	52,500 gals.	66,000 gals.
<b>CH/Potter</b>	2,457.87 lbs/solids	2,927.34 lbs/solids	2,764.71 lbs/solids	4,065.75 lbs/solids	3,903.12 lbs/solids	9,324.12 lbs/solids
<b>Port Matilda</b>	2,034.96 lbs/solids	1,351.08 lbs/solids	2,135.04 lbs/solids	1,251.00 lbs/solids	1,534.56 lbs/solids	1,718.04 lbs/solids
<b>Huston Twp.</b>	0 lbs/solids	984.12 lbs/solids	767.28 lbs/solids	0 lbs/solids	600.48 lbs/solids	1,100.88 lbs/solids
<b>Total Flow</b>	69,000 gals.	221,500 gals.	171,500 gals.	120,500 gals.	98,500 gals.	144,500 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 April was 4.48mgd with the average for the month being 5.57mgd. Please see chart below.



There were no inspections by DEP this month.

**Plant Maintenance**

- Repaired lighting fixtures in the AWT Bldg.
- Replaced the pressure relief valve on the process air tank.
- Replaced the hydraulic pressure switch in the control panel for Outfall Train #1 UV lights.
- Replaced the VFD for the back-drive motor on Centrifuge #2.
- Replaced the conveyor sprockets on Composter #1.
- Serviced and started the Booster Station for the year.
- Replaced the diaphragm in Alum Pump #1.
- Assisted Alfa Laval in the rebuilding of Centrifuge #1. Alfa Laval noted the centrifuge is in excellent condition for the age of the equipment.
- Replaced the belts on Bio-Fan #1.
- Repaired floodlighting at the Primary Bldg. and Primary Tanks.
- Poorman’s Overhead Door replaced the opener for a garage door located below the main office.

**Reuse Total**

Total for 2014-----25,373,000 gallons.

Total for April 2014-----8,043,000 gallons.  
Total Reuse Water Distributed to Date-----469,336,600 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 – (1) 2017 N. Atherton St. (Fulton Bank office expansion)
- (UA) Lateral Repairs – (4) Various locations in Park Forest Village
- (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 progressing with the Ghaner #1 lift station rehabilitation project and are scheduling operational startup for May 13<sup>th</sup>. We have begun work on the N. Allen Street rehabilitation, and are approximately 10% completed. We also did restoration and sidewalks for lateral repairs.

**(A)Construction &(B)I/I Inspection(A)**(We TV’d 1,069 ua/0 fta feet of mainline and inspected 8 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 cleaned wet wells and replaced an E-I Grinder pump in Huntridge Manor. We cleaned the intake lines at the Shiloh Rd. station.

**Inspection:** Final As-builts Approved: None

**Mainline Construction:**

- a. Liberty Hill, Phase 3 – Construction is complete. We are reviewing As-built drawings.
- b. Liberty Hill, Phase 2C – Construction is 99% complete. We are reviewing As-built drawings.

**New Connections:**

a.	Single-Family Residential	11	c.	Commercial	0	
b.	Multi-Family Residential	3	d.	Industrial	0	
					<b>TOTAL</b>	<b>14</b>

PA One-Calls Responded to 4/1-30/14: **312**

Mr. Lahr reported that the new Ghaner pump station has been started up. The old station is gone. All appears to be working fine with communications still being completed.

**7.6 Engineer’s Report**

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

**Retainer**

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

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

<b>Notice to Proceed</b>	<b>Contract Time<sup>1</sup></b>	<b>Substantial Completion<sup>1</sup></b>	<b>Time Used</b>	<b>% Used</b>
2/26/2013	321	1/13/2014	449	+100%

<sup>1</sup>Contract Time and Substantial Completion Date reflect time extension in accordance with Change Order 4-4.

- Construction Conference No. 14 was held on May 1, 2014 at 10 AM.
- Wet weather Impacts – CMT recommended monitoring of the slab; HRG is surveying several slab spots for monitoring.
- Wet well and dry well piping complete.
- 36” gravity line installed and tested from concrete channel to station.
- 36” and 20” forcemains installed and tested on south side of I-99.
- Backfill is nearly complete.
- 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
- Testing of wet well revealed cracks leaking to pump room. Contractor is applying an injection chemical grout.
- Wet well covers and exhaust fans temporarily installed while Contractor is waiting for new panels to correct penetration alignment issues.
- Contractor for Contract 09-4 executed Change Order No. 4-5; however, returned the Change Order marked-up requesting a 21 day time extension.
- Generator start-up and testing completed.
- Pump VFD start-up completed. Exhaust fan start-up to occur.
- Start-up occurred for P-100 Series pumps on clean water with recirculation to the wet well.
- Rotation of P-200 series Pumps was verified.
- During the relocation of the gas line on the north side of I-99, a fiber conduit was discovered (un-marked with previous design and dig PA 1 Calls). This discovery will necessitate the relocation of the 36-inch sanitary sewer.

***Contract Changes*** (Change Orders/Work Change Directives)

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

<b>No.</b>	<b>Cont</b>	<b>Description</b>	<b>Amount</b>	<b>Status</b>
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 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

*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.	13	\$ 38,741.89
09-5	Mechanica 1	Port Vue	5	\$ 25,496.10
09-6	Electrical	Lepley Electric	5	\$ 22,474.58
				\$ 86,712.57

**Constructed Wetlands**

Contract drawings and project manual completed. The project will be bid through PENNBID ([www.pennbid.net](http://www.pennbid.net)) with a bid opening scheduled for June 13, 2014 at 10 AM.

**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.

**Kissinger Meadow Project**

DEP has indicated that the last permit will be issued very soon. Based on this verbal indication, and the limitations on crossing Slab Cabin Run, the project has been advertised for bid. Assuming the permit gets issued on time, there will be just enough time to complete the construction before the October 1<sup>st</sup> deadline.

**Union Negotiations**

Union Negotiations meeting will be held next week.

**DEP Meeting**

A meeting will be held next week in Williamsport with DEP regarding our future relations.

**Gas Line**

PSU didn't respond to the locate for the relocation of the gas line. A fiber optic line was unearthed during this relocation project. Mr. Miller will be notifying PSU of the amount they need to reimburse UAJA due to the added expense.

**Odor Study**

The odor study is out for proposals. Jason Brown will be managing this project.

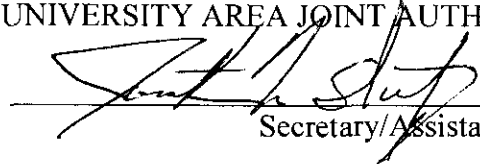
**8. Other Business**

**9. Adjournment**

The meeting was adjourned at 5:00 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



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Secretary/Assistant Secretary