

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – July 20, 2016**

**1. Call to Order**

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:04 p.m. Wednesday, June 20, 2016. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Bridger, Dempsey, Dietz, Ebaugh, Guss, Lapinski, McShea, Nucciarone and Schmalz; Cory Miller, Executive Director, Mark Harter, Collection System Superintendent; Art Brant, Plant Superintendent; Dick Campbell, Solicitors; Ben Burns and Tom Holleran and Doug Weikel, Consulting Engineers; Amy Kerner, State College Borough; Sharon Bressler, CRCP; Jason Wert and Steve Siegfried Construction Engineer, Laura Dininni and Al Matyasovsky and Kathy Wheeler, Recording Secretary.

**2. Reading of the Minutes**

**2.1 UAJA Regular Meeting – June 15, 2016**

**UAJA**  
**Meeting Minutes**  
**Approved**

A motion was made by Mr. Guss, seconded by Mr. Ebaugh, to approve the minutes of the UAJA meeting held on June 15, 2016 as presented. The motion passed unanimously.

**3. Public Comment**

None

**4. Old Business**

**4.1 Engineering Services for Odor Control System Upgrade**

HRG has prepared a proposal for engineering services for the design, permitting, bidding, and construction phases of the odor control system upgrade project. A copy of the proposal is included in the agenda report. HRG has chosen to partner with AECOM, another engineering firm. AECOM has experience designing many similar odor control systems throughout the world. The proposal is a lump sum proposal, with the phases broken down as follows:

Preliminary Design/Permitting Phase - On a Lump Sum basis for \$231,000.00

Final Design Phase - On a Lump Sum basis for \$165,000.00

Bidding Phase - On a Lump Sum basis for \$19,000.00

Construction Administration Phase - On a Lump Sum basis for \$168,000.00

The total cost is \$583,000. Funds for permitting and design were included in the 2016 budget. Much of this amount will be spent in 2017.

**Engineering Services**  
**Approved**

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve the Engineering Service for Odor Control System Upgrade at a cost of \$583,000. The motion passed with Mr. Dietz and Mr. Lapinski voting no.

**5. New Business**

**5.1 Investment Management**

UAJA has over 5 million dollars held in Trust accounts that are not liquid. These accounts include the Debt Service Reserve Fund and the Operating Expense Reserve Fund. There are

additional funds held in Trust accounts that are liquid but are carefully budgeted so use of the money is programmed and tightly controlled by staff. These accounts are the 93 BRIF, the Emmaus BRIF, and the Tapping Fee Fund. For the past several years, ever since US Bank took over our Trust services, all these funds have been passively invested in money market accounts at both US Bank and Kish Bank. Staff initiated discussions with US Bank to determine if more active investment management is warranted. We met with our Trustee Banker and an Investment Manager from US Bank and they provided a projection of potential increased revenue from the active investment of our assets as well as a proposal for fees to accomplish this task. A copy of a portion of the presentation from US Bank is included in the agenda report.

**Investment  
 Management  
 Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to authorize the Executive Director, to move forward with US Bank as the investment manager unless information provided by Mr. McShea is different then the proposal would need to come back for Board action at the August 2016 meeting. The motion passed unanimously.

**5.1 Requisitions**

Revenue Fund #145	Debt Service, Operating and Maintenance expenses	\$1,000,000
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**Requisitions  
 Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Nucciarone, to approve the Revenue Fund Requisitions #145. The motion passed unanimously.

BRIF #226	Rettew Construction Mgmt. Dewatering Controls Upgrade	\$5,478.00
BRIF #227	HRG Suburban Backlot Eng.	\$3,610.97
BRIF #228	Your Building Centers Material – Suburban Proj.	\$2,774.34
BRIF #229	Dale Summit Acquisitions July 2016 Lease Pymt.	\$25,000.00
BRIF #230	Allied Control Services FINAL PAYMENT Dewatering Controls Upgrade	\$10,000.00
<b>TOTAL BRIF</b>		<b>\$46,863.31</b>

**Requisitions  
 Approved**

A motion was made by Mr. Dietz, seconded by Mr. Nucciarone, to approve the BRIF Requisitions #226-230. The motion passed unanimously.

**Reports of Officers**

**6.1 Financial Report**

Mr. Smith reviewed with the Board the YTD budget report for the period ending June 30, 2016.

**6.2 Chairman’s Report**

None.

**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>Jan. 2016</u>	<u>Feb. 2016</u>	<u>Mar. 2016</u>	<u>Apr. 2016</u>	<u>May 2016</u>	<u>Jun. 2016</u>
<b>Production</b>	927 cu/yds.	706 cu/yds.	694 cu/yds.	657 cu/yds.	749 cu/yds.	943 cu/yds.
<b>YTD. Production</b>	927 cu/yds.	1,633 cu/yds.	2,327 cu/yds.	2,984 cu/yds.	3,733 cu/yds.	4,676 cu/yds.
<b>Distribution</b>	424 cu/yds.	618 cu/yds.	898 cu/yds.	835 cu/yds.	786 cu/yds.	662 cu/yds.
<b>YTD. Distribution</b>	424 cu/yds.	1,042 cu/yds.	1,940 cu/yds.	2,775 cu/yds.	3,561 cu/yds.	4,223 cu/yds.
<b>Immediate Sale</b>	1,842 cu/yds.	2,151 cu/yds.	1,989 cu/yds.	1,794 cu/yds.	1,665 cu/yds.	1,755 cu/yds.
<b>Currently in Storage</b>	2,769 cu/yds.	2,857 cu/yds.	2,683 cu/yds.	2,451 cu/yds.	2,414 cu/yds.	2,698 cu/yds.

**SEPTAGE OPERATIONS**

	<u>Jan. 2016</u>	<u>Feb. 2016</u>	<u>Mar. 2016</u>	<u>Apr. 2016</u>	<u>May 2016</u>	<u>Jun. 2016</u>
<b>Res./Comm.</b>	0 gals.	0 gals.	14,800 gals.	0 gals.	6,600 gals.	0 gals.
<b>CH/Potter</b>	4,657.89 lbs/solids	6,138.24 lbs/solids	7,697.82 lbs/solids	7,643.61 lbs/solids	8,348.34 lbs/solids	8,836.23 lbs/solids
<b>Port Matilda</b>	1,517.88 lbs/solids	1,501.20 lbs/solids	1,601.28 lbs/solids	1,684.68 lbs/solids	1,517.88 lbs/solids	1,901.52 lbs/solids
<b>Huston Twp.</b>	1,000.80 lbs/solids	767.28 lbs/solids	800.64 lbs/solids	1,034.16 lbs/solids	0 lbs/solids	600.48 lbs/solids
<b>Total Flow</b>	61,500 gals.	75,500 gals.	86,800 gals.	67,500 gals.	74,600 gals.	86,500 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**

The treatment plant is operating well no exceptions to our NPDES permit. The 12-month rolling average flow for June was 4.05mgd with the average for the month being 2.48mgd. The average monthly **influent** flow was 4.07mgd. There were no plant inspections this month.

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

Below is the chart for Reuse Distribution and Temperature Data:

	June-16	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	20,000	139,000		
Centre Hills	9,048,000	19,034,000	June-16	June-16
Cintas	809,000	4,635,000	67.9	67.5
Red Line	297,000	2,241,000		
Uaja Wetland	5,776,000	25,921,000		
Wetland Vault	11,160,000	68,212,000		
Kissingers	967,000	6,393,000		
Stewarts	1400	1,696		
<b>TOTAL</b>	<b>2,078,400</b>	<b>126,576,696</b>		

**Plant Maintenance**

- Replaced three control air regulators on the Primary Diaphragm pumps.
- Repaired torque overload switches on the Primary Skimmer Drives.
- Repaired the process water piping on MF #1 and #2.
- Replaced UV Lamps in the AWT UV System.
- Exercised the valves and painted the Reuse hydrants.
- Replaced the VFD's for Primary Pump #3 and WAS Pump #1.
- L.W. Hose inspected the 07 single axle and replaced a sway bar on the '98 Chevy.
- Repaired the motor operated dampers in the AWT and Ter. Bldg.

**6.5 Collection System Superintendent's Report**

The following comments are as presented to the Board in the written report prepared by Mark Harter, Collection System Superintendent.

**Mainline Maintenance:**

Lateral repairs (3) – 328 Second Ave, 560 W. Hillside, 1330 Old Boalsburg Rd.  
 Mainline televising for new construction - (1442.8) ft. televised (8) manholes inspected.  
 Casting repairs – (29).  
 Suburban back lot project – Phase 1 (N. Allen St. to N. Atherton St.) 100% complete.  
 Phase 2 (Suburban Park) awaiting permits.

**Lift Station Maintenance:**

Repaired check and plug valves at Scott road station.  
 Repaired (2) Bioxide pumps at Marywood station.  
 Replaced DC transformer on the comminator at Marywood station.  
 Replaced control panel ground terminal at Haymarket station.  
 Cleaned (5) lift station wet wells.

**NEXT MONTH PROJECTS:**

Casting adjustments for Township paving projects.  
 Main repair – Vairo Blvd.  
 New lateral – 118 Belle Ave.  
 Toftrees – repair storm water drainage swale over sewer main.

**Inspection:** Final As-Builts Approved: 1. North Atherton Retail Center  
 2. Canterbury Crossing 4&5

**Mainline Construction**

- a. Rocky Ridge Section 3 – We are awaiting As-Builts.
- b. Section 4 –Construction is 50% complete.

**New Connections:**

a.	Single-Family Residential	7	c.	Commercial	0	
b.	Multi-Family Residential	0	d.	Non-Residential	0	
					<b>TOTAL</b>	<b>7</b>

PA One-Calls Responded to 6/1-30/16: 369

**6.6 Engineer's Report**

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

**Retainer**

- A proposal for the scope and fee for the 2017 Retainer will be prepared for review with Staff prior to the August meeting. A description and cost summary for all projects performed since January 2015 will be provided for review. A projected budget for small scale project scopes anticipated for 2017 will be developed with staff assistance. The goals will be:
  - 1) to reduce the administrative burden to UAJA and HRG for small projects
  - 2) to provide assurance to senior staff (Art, Mark) that engineering assistance can be sought for immediate response to issues that arise without impacting department budgets.

**Standard Specifications and Details Update**

- Assisted Staff with the review of documents as they were added to the Authority's web site.

**Odor Control Study Upgrades**

- An engineering services proposal for design, permitting, and construction phase services for the development of the selected alternative has been provided for review and consideration.

**Big Hollow Force Main Evaluation**

- UAJA is purchasing the recommended equipment for installation at the second air release/vacuum valve. Delivery of the air release valve is anticipated in early August.

**Overlook Heights Sanitary Sewer Replacement: Suburban Avenue Backlot**

- The Sewage Facilities Planning Module has been adopted by the Ferguson Township Supervisors and submitted to the PA DEP.
- The GP-5 (Utility Line Stream Crossings) Permit Application has been issued.

**Meeks Lane Pump Station and Force Main Design**

The basis of design report has been finalized and submitted

### **Wetland Flow Meter**

- Daily flow data is being collected from the meter's integral logger.
- An approach to providing a 12-24VDC power supply to the meter to enable the use of the external logger was provided, which includes a solar panel with battery pack and a DC powered Act-Pak. The solar panel and battery pack have been installed. Staff is waiting on delivery of the Act-Pak.

### **Special Study for Act 537 Plan Update Revisions**

- A pre-planning meeting was coordinated with the PA DEP to discuss a special study that will address the proposed extension of reclaimed water service to Harris Township and the proposed Meeks Lane pump station.
- Meeting minutes were prepared and distributed.
- A Task Activity Report is being developed for submission to the PA DEP that will identify the scope of the Special Study.
- A proposal is being developed for the completion of the Special Study based on the outcome of the meeting.

#### **Developer Plan Reviews:**

- Three (3) developer submissions were reviewed:
  - Nittany Valley Sports Centre – Design Drawings are under revision by the Developer's Engineer and are expected to be ready for recommendation at the August meeting.
  - North Atherton Retail Centre – As-Built Drawings have been recommended for approval.
  - Canterbury Crossing, Phases IV & V (Lot 33, Phase 1B) – As-Built Drawings have been recommended for approval.

### **6.7 Construction Report**

The project is nearly complete. O&M manuals and program troubleshooting is still needed.

### **6.8 Executive Director's Report**

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

#### **Water is Not Sewages**

Now investigating legislative action.

#### **Power Contract – Internet Auction**

WGL Energy was the lowest with a 48 month term effective December 2016. the contract has been executed.

#### **Solar Project**

Received a draft agreement for the solar program. This will be discussed in executive session.

**Development Proposal**

A 30,000 sq ft warehouse is being proposed for the land on Shiloh Road in Benner Township. This is outside the sewer service area. An agreement would need to be down with Spring Benner Walker Joint Authority for UAJA to be able to serve this project. This would be a COG approval.

**Innovation Park**

PSU has a proposal at Innovation Park for a project. UAJA has no capacity to serve this project. COG has to direct on how this would get service.

**7. Other Business**

**Executive Session  
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Nucciarone, to adjourn to executive session at 5:15 p.m. The motion passed unanimously.

**8. Adjournment**

The meeting was adjourned at 5:15 p.m.

Respectfully submitted,  
UNIVERSITY AREA JOINT AUTHORITY

*B. A. Depsky*

Secretary/Assistant Secretary