

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – March 15, 2017

1. Call to Order

Mr. Lapinski, Vice-Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, March 15, 2017. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Bridger, Derr, Ebaugh, Guss, Lapinski, McShea and Nucciarone; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Mark Harter, Collection System Superintendent; Jason Brown, Project Manager; Doug Weikel, Ben Burns, Tom Holleran and Jeff Kerrigan, Consulting Engineers; Jason Wert and Steve Siegfried, RETTEW; Ms. Hoag, State College Borough, Dave Swisher, Katherine Watt and Kathy Wheeler, Recording Secretary.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – February 15 & 27, 2017

UAJA Meeting Minutes Approved
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A motion was made by Mr. Ebaugh, seconded by Mr. Derr, to approve the minutes of the UAJA meeting held on February 15 and 27, 2017 as amended. The motion passed unanimously.

3. Public Comment

None.

4. Old Business

4.1 Enhanced Nutrient Removal/Advanced Water Treatment (ENR/AWT) Project Update

Jason Wert of Rettew presented an update on the status of the project, including an updated timeline and cost estimate.

4.2 Centre Region Planning Agency Update

Included in the agenda report was an update from CRPA on the Nutrient Management Policy, as well as the policy for sewer service to Penn State University.

5. New Business

5.1 Requisitions

BRIF #258	Evoqua Water Technologies 90 MF modules	\$81,000.00
BRIF #259	HRG Odor Control Prelim. Design 100% Complete	\$50,820.00
BRIF #260	HRG GIS Record Drawing updates	\$7,000.00

BRIF #261	HRG Reuse Waterline 2B Eng	\$2,394.50
BRIF #262	Rettew ENR/AWT Prelim Design 95% Complete	\$49,400.00
TOTAL BRIF		\$190,614.50

**Requisitions
Approved**

A motion was made by Mr. Nucciarone, seconded by Mr. Guss, to approve the BRIF Requisitions #258-262. The motion passed unanimously.

Revenue Fund #150	Debt Service, Operating and Maintenance	\$1,000,000
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**Requisitions
Approved**

A motion was made by Mr. McShea, seconded by Mr. Nucciarone, to approve the Revenue Fund #150. 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, 2017. Mr. Smith stated that the Purchasing Agent, Diane Ruth, is an important part of our financial stability. She is a stickler on the purchasing rules and regulations as well as the laws that exist. She makes sure we are bidding materials when required. We utilize the State Contract as well as the Costars contracts which saves time, effort and money. We don't produce our own RPF's or write our own specs as we piggyback on work that is done by others and the State which is an important part of our purchasing model. Fuel purchases are done through State Contract. We pay full price at the pumps but receive a rebate at the end of the year. This is part of the contract that Diane executed for us.

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>Sep. 2016</u>	<u>Oct. 2016</u>	<u>Nov. 2016</u>	<u>Dec. 2016</u>	<u>Jan. 2017</u>	<u>Feb. 2017</u>
Production	664 cu/yds.	875 cu/yds.	789 cu/yds.	891 cu/yds.	750 cu/yds.	736 cu/yds.
YTD. Production	6,643 cu/yds.	7,518 cu/yds.	8,307 cu/yds.	9,198 cu/yds.	750 cu/yds.	1,486 cu/yds.
Distribution	1,085 cu/yds.	1,079 cu/yds.	647 cu/yds.	888 cu/yds.	395 cu/yds.	1,092 cu/yds.
YTD.	7,031 cu/yds.	8,110 cu/yds.	8,757 cu/yds.	9,645	395	1,487

- Repaired the check valve in the Primary Scum Line and the Primary Drain line.
- Replaced a Thermocouple mV input card in Compost PLC #3. the defective one was sent out for repair.
- Repaired roof leaks at the Compost Bldg.
- Replaced ignition switch on the Trommel Screen.
- The drain valve for the Bio-Filter broke and a flow-thru ball valve was installed. This should last until the bio-filter is abandoned.
- Replaced the VFD for Dewatering Primary Pump #3.
- Repaired the zero speed sensor for the auger on Centrifuge #2.
- Replaced the seal in the Septage Receiving Transfer Pump #2.
- Replaced the tank level transducer in Tank #5 at Dewatering.
- Gasho installed the recently inspected Tuthill Blower for WAS Tank #5. The Tech noted the blower was noisy and had a vibration. We are to send it back to Gasho and they will co-ordinate repairs with the factory.
- Installed the spare UV intensity probe in UV Light #1. It will be sent out for calibration.

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 Repair – 155 Hillview Drive

Mainline Cleaning – (46) manholes inspected – (7037 ft) of mainline cleaned.

Mainline Televised – (10,022 ft) televised – (61) manholes inspected.

Assisted with brush grinding operation.

Lift Station Maintenance:

Installed new pump bases and control panel at Scenery station. On panel and new pumps in 2 weeks).

Cleaned (5) lift station wet wells.

Installed new telemetry antenna at Kaywood station.

Installed new pump bases and wet well piping at the Kaywood station.

Cleaned check valves on all 100 series pumps at Big Hollow station.

Replaced impeller and run capacitor at Haymarket station.

Replaced PLC outlet card and I.S. relays at Big Hollow station.

NEXT MONTH PROJECTS:

Start-up of new pumps and control panel at Scenery Park station.

Install new valve pit at Kaywood station.

Rebuild surge valve at Scott Road station.

Start main and lateral repairs on Twp. Paving projects.

Relocating of the existing sewer, gas, water, and electric for new odor control project.

Inspection: Final As-Builts Approved: None

Mainline Construction:

a. None

New Connections:

a. Single-Family Residential	8	c. Commercial	0
b. Multi-Family Residential	2	d. Non-Residential	0
			TOTAL
			10

PA One-Calls Responded to 02/1-28/17: 267

6.6 Engineer's Report

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

Retainer

- Supporting the Series of 2017 Sewer Revenue Bonds for the planned facility upgrades. Mr. Weikel is evaluating the documents and will provide the Consulting Engineer's Certificate.
- Assisted Staff with the annual inspection and certification of the stormwater management system.
- Project files from 2002 were assembled and received by HRG and Mr. Miller to identify documents to be stored on HRG's backup systems. Files not retained have been shredded.

Overlook Heights Sanitary Sewer Replacement: Suburban Avenue Backlot

- The Record Drawings have been prepared and are under internal review. When approved, GIS shape files will be prepared, and electronic files and paper copies will be provided.

Odor Control System Upgrades

- Presented the preliminary design to the Operations and Maintenance staff. Comments and suggestions that were discussed at the presentation are being addressed.
- With authorization from the UAJA, final design services have commenced.
- Coordinated with the UAJA staff and Rettew for utility relocation.
- Coordinated with Rettew to promote electrical equipment uniformity between the Biological Odor Control (BOC) Project and the ENR/AWT Project.

Special Study for Act 537 Plan Update Revisions

- Assisted with the presentation by Mr. Miller to the joint meeting of College and Harris Township representatives that was held on Wednesday, 02/22.
- The portions of the Report that can be prepared independently of the alignment confirmation from the Townships are underway.

Developer Plan Reviews:

- Three (3) Developer Plans have been received since the last Board meeting.
- The Design Drawings for the PennDOT North Atherton Street Relocation were reviewed for conformance with the technical (not administrative) requirements and were recommended to Staff for approval.
- The Design Drawings for the Mountain View Country Club Hotel have been returned to the Developer's Engineer for revision.
- The Design Drawings for Aeropointe Place have been returned to the Developer's Engineer for revision.

6.7 Construction Report

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

General Services

General Services Items Completed for the Authority:

SCADA

- ☐ Coordination of SCADA System with Authority Staff and Applied Control Engineering, Inc. (ACE).

Working with ACE to complete the remainder of their punchlist, including documentation and licenses.

- ☐ Troubleshooting of the Big Hollow Pump Station Control System to assist Authority Staff on a failure.

NUTRIENT OFFSETS

- ☐ Attended Centre Region Public Services and the Environmental Committee to discuss Nutrient Offsets and working with the MS4 Communities

ENR/AWT Upgrade Project

- ☐ A Project Update meeting to review the Preliminary Design and the draft PA DEP Water Quality Management Permit was held on February 23, 2017. Changes were made in the AWT Building Layout, AWT UV System, Post-Aeration Systems.
- ☐ The Water Quality Management Permit will be delivered to the PA DEP on March 10, 2017 and RETTEW expects a 90-day review.
- ☐ An Operations Staff Meeting to review the Preliminary Design will be held on March 9, 2017.
- ☐ Activities have begun on Final Design and Details of the Project, including preparations for Geotechnical Investigation of EQ Tank.

Solar Project (Update for Authority Use)

- ☐ Final Layout on the Solar Array has begun and RETTEW is preparing a Basis of Design of the System and Components for PACE and Authority Review.
- ☐ RETTEW has prepared an exhibit to outline the Property Line modifications required for the System to comply with adopted College Township Solar Energy Ordinance. HRG will be completing the field survey portion for our use in the Land Development Process.
- ☐ The First Energy/West Penn Power Interconnection Application was submitted the week of March 6th. The Battery Energy Storage System (BESS) is in final stages of approval and expects to be under contract for the Wholesale Energy Market in the next 45 days.

6.8 Executive Director's Report

Mr. Miller presented to the Board a copy of the letter received from the College Township Water Authority (CTWA) to D. Richard Francke, Chairman, College Township Supervisors regarding comments that the CTWA has for the proposed Beneficial Reuse. Following discussion, Mr. Miller suggested that a meeting of the Source Water Protection – Project Management be scheduled in early April.

7. Other Business

None

8. Adjournment

The meeting was adjourned at 5:07 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary