MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – October 18, 2017

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, October 18, 2017. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Bridger, Dempsey, Derr, Dietz, Ebaugh, Guss, Lapinski, McShea, Nucciarone and Schmalz; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Mark Harter, Collection System Superintendent; Jason Brown, Project Manager; Dick Campbell, Solicitor; Ben Burns, Tom Holleran and Jeff Garrigan, Consulting Engineers; Jason Wert and Steve Siegfried, RETTEW; Jim May and Bill Steindler, CRPC; Deb Hoag, State College Borough; Dave Swisher, Matthew Moran and Kathy Wheeler, Recording Secretary.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – September 20, 2017

UAJA Meeting Minutes Approved

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve the minutes of the UAJA meeting held on September 20, 2017. The motion passed unanimously.

3. Public Comment

None.

4. Old Business

4.1 2018 Budget

Included in the Board packet is the final draft of our 2018 Budget. Staff met with the budget sub-committee and reviewed all aspects of the document. Comments and recommendations from that meeting are incorporated in this final draft.

2018 Budget Approved

A motion was made by Mr. McShea, seconded by Mr. Guss, to approve the 2018 budget. The motion passed unanimously.

5. New Business

5.1 Tapping Fee Adjustment

Historically, the tapping fee is adjusted according to the change in the Engineering News Record Construction Cost Index from the previous October. Adjusting based on the October 2017 index results in the tapping fee increasing 3.7% from the current $5008 per EDU to $5193 per EDU. The budget in your agenda packet reflects the 3.7% increase.

Tapping Fee Adjustment Approved

A motion was made by Mr. Dempsey, seconded by Mr. McShea, to approve the tapping fee adjustment. The motion passed unanimously.

5.2 Municipal Sludge Disposal Rate Increase

The municipal sludge disposal rate was recently reviewed during the budgeting process; this evaluation is conducted on a yearly basis. The evaluation determined that a slight rate increase for municipal sludge disposal was justified. The last municipal sludge rate adjustment was

conducted in January of 2009. The current rate for municipal sludge disposal is $564.34/dry ton. After reviewing the increases in our solids handling budgets, staff proposes a rate increase to $570.00/dry ton. The treatment plants that dispose of their sludge at UAJA (Centre Hall, Port Matilda and Huston Township) have been made aware of this proposed increase and have no opposition to it. The rate increase would go into effect on January 1, 2018.

Municipal Sludge Disposal Rate Approved	A motion was made by Mr. Dempsey, seconded by Mr. Guss, to approve the increase in the Municipal Sludge Disposal Rate. The motion passed unanimously.

5.3 Final Design: Helix at Toftrees

Final design drawings for the Helix at Toftrees sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve a total of 222 EDUs; 208 of the EDUs are apartment and residential units. The review comments have been addressed.

Final Design: Helix at Toftrees Approved	A motion was made by Mr. Dietz, seconded by Mr. Lapinski, to approve the Final Design: Helix at Toftrees. The motion passed unanimously.

5.4 Final Design: The Station (Design Revision)

Final design drawings for The Station sewer extension (Patton Township) were approved at the July 19, 2017 UAJA board meeting. Since this meeting, the design drawings for The Station have changed and the previous board approval is no longer valid. A new design will be presented at the October meeting for the board's consideration.

Final Design: The Station (Design Revision) Approved	A motion was made by Mr. Lapinski, seconded by Mr. Dempsey, to approve the Final Design: The Station (Design Revision). The motion passed unanimously.

5.5 Revised Source Water Protection Agreement

College Township requested that the existing Source Water Protection Agreement be revised prior to the approval of the Act 537 Plan Special Study for the Beneficial Reuse extension to Harris Township. UAJA staff and several board members participated in the development of the proposed revisions. The final version was included in the agenda report for the Board's review.

The major changes are:

- The addition of the Centre Region COG as a party of the agreement
- Language to emphasize that any Act 537 Plan amendment should include a cost benefit analysis
- Language to define the rates that UAJA will pay to the respective water authorities for water conservation projects in the form of connections of current or future water authority customers to the beneficial reuse system
- Dispute resolution now includes COG, and deletes arbitration.

If there are any substantive changes required, the approval of the Harris Township extension special study will be delayed at least one month.

Revised Source Water Protection Agreement Approved

A motion was made by Mr. Dempsey, seconded by Mr. McShea, to approve the Revised Source Water Protection Agreement as presented. The motion passed with Mr. Dietz and Mr. Lapinski voting no.

5.6 Spring Creek Watershed Commission Funding Request

The Spring Creek Watershed Commission (SCWC) has requested UAJA provide funding in the amount of $8000 for the development of a watershed plan for the Spring Creek Watershed. A letter is included in the agenda report. In 2003, the first phase of a watershed plan was completed (Included in agenda report). SCWC is proposing to update the phase I report as a first step to developing a watershed plan.

The development of an integrated water management plan for the Spring Creek Watershed is certainly important to the mission of UAJA. To be useful to UAJA it is important for the plan to ultimately include all of the major water infrastructure – drinking water, wastewater, stormwater – and all aspects of water quality and quantity. The proposed update does not accomplish that, but it is suggested that a future phase will follow the update, and this future phase will include all of the infrastructure.

SCWC provided a list of funding commitments received to date. UAJA would be the largest contributor to date if funding is approved at the requested $8000 amount.

Since each municipality in the Centre Region is represented on the SCWC, and each of those representatives reports to their respective boards, it is assumed that the amount requested of UAJA is endorsed by the Centre Region Municipalities. It is further assumed that the municipalities endorse the project.

Spring Creek Watershed Commission Funding Request Approved

A motion was made by Mr. Lapinski, seconded by Mr. Bridger, to approve Spring Creek Watershed Commission Funding request of $8000. The motion passed unanimously.

5.7 Requisitions

BRIF #285	Gannett Fleming Companies GeoDecisions – GIS	$1,879.75
BRIF #286	L/B Water Service, Inc. Pipe & fittings-Outer Dr.	$2,548.40
BRIF #287	Xylem Water Solutions Pumps & Controls-Outer Dr.	$22,906.12
BRIF #288	HRG Scott Road Record Drawings	$1,020.00
BRIF #289	FNB Commercial Credit Card GPS equipment	$16,646.00
BRIF #290	Mid-State Paving Paving Sierra & Shannon	$2,619.02

BRIF #291	Robinson Vacuum Tanks Inc. Enclosure cover Outer Drive	$356.80

Requisitions Approved

A motion was made by Mr. Lapinski, seconded by Mr. Nucciarone, to approve the BRIF Requisition #285-291. The motion passed unanimously.

Construction Fund #22	Robert P. Lepley Electric Breaker & installation ENR/AWT project	$10,133.24
Construction Fund #23	HRG Harris Reuse Engineering	$229.50

Requisitions Approved

A motion was made by Mr. McShea, seconded by Mr. Guss, to approve the 2017 Construction Fund Requisitions #22 and 23 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 September 30, 2017. Mr. Miller stated that the Floating Note Refunding was a success. Correspondence from Standard and Poors indicates that they favor the flat rate billing/

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

	Apr. 2017	May 2017	Jun. 2017	Jul. 2017	Aug. 2017	Sep. 2017
Production	829 cu/yds.	970 cu/yds.	897 cu/yds.	662 cu/yds.	822 cu/yds.	706 cu/yds.
YTD. Production	3,228 cu/yds.	4,198 cu/yds.	5,095 cu/yds.	5,757 cu/yds.	6,579 cu/yds.	7,285 cu/yds.
Distribution	604 cu/yds.	569 cu/yds.	1,557 cu/yds.	143 cu/yds.	861 cu/yds.	809 cu/yds.
YTD. Distribution	2,395 cu/yds.	2,964 cu/yds.	4,521 cu/yds.	4,664 cu/yds.	5,525 cu/yds.	6,334 cu/yds.
Immediate Sale	2,129 cu/yds.	2,399 cu/yds.	1,829 cu/yds.	2,566 cu/yds.	2,367 cu/yds.	2,380 cu/yds.
Currently in Storage	2,958 cu/yds.	3,369 cu/yds.	2,726 cu/yds.	3,228 cu/yds.	3,189 cu/yds.	3,086 cu/yds.

SEPTAGE OPERATIONS

	Apr. 2017	May 2017	Jun. 2017	Jul. 2017	Aug. 2017	Sep. 2017
Res./Comm.	4,750 gals.	10,650 gals.	8,000 gals.	1,750 gals.	2,000 gals.	10,900 gals.
CH/Potter	5,746.26	8,402.55	4,662.06	4,561.98	4,553.64	5,258.37

	lbs/solids	lbs/solids	lbs/solids	lbs/solids	lbs/solids	lbs/solids
Port Matilda	1,801.44 lbs/solids	1,668.00 lbs/solids	1,584.60 lbs/solids	1,367.76 lbs/solids	1,784.76 lbs/solids	892.38 lbs/solids
Huston Twp.	0 lbs/solids	600.48 lbs/solids	650.52 lbs/solids	606.82 lbs/solids	704.73 lbs/solids	733.92 lbs/solids
Total Flow	72,750 gals.	93,150 gals.	64,500 gals.	59,250 gals.	58,500 gals.	71,900 gals.

6.4 Plant Superintendent's Report

The following comments are as presented to the Board in the revised written report prepared by Art Brant, Plant Superintendent.

Plant Operation

The treatment plant is operating well with one minor exceedance (Minimum DO) to our NPDES permits for the month of September 2017. The 12-month rolling average flow for September was 4.02mgd with the average for the month being 4.06mgd. The average monthly **influent** flow was 4.91mgd.

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

Below is the chart for Reuse Distribution and Temperature Data:

	Sep-17	YTD
Best Western	33,000	276,000
Centre Hills	5,179,000	28,749,000
Cintas	623,000	5,807,000
Red Line	370,000	2,957,000
Uaja Wetland	5,445,000	34,981,000
Wetland Vault	15,477,000	154,461,000
Kissingers	1,444,000	12,526,000
Stewarts	1110	13,910
TOTAL	28,572,110	239,770,910

Plant Effl. Temp
Sep-17
72.0

Wetland Effl. Temp.
Sep-17
70.2

Plant Maintenance

- Repaired #11 primary Pump.
- Replaced motor on #1 RAS Telescopic tube.
- School tours have begun and will last into November.
- Rented a boom lift to replace elevated lights around the plant site.
- Checked valve operation on all three MF's.
- Replaced hydraulic motor on the Trommel Screen.
- Replaced both drive motors on the Surge Bin at Compost.
- Rewired both electrical buckets for the motors on the Surge Bin.
- Replaced broken chain on Knight Mixer #1.
- Repaired hypochlorite pump in D/W.
- Cleaned the RO unit and all three of the MF's.

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:

New Laterals – (4) – 174 W. Pine Grove Rd / 348 2nd Street Woodycrest / 26A and 34A Houserville Rd.
Lateral Repairs – (3) – 760 Cornwall Rd. / 494 Westgate Dr. / 112 Seymore Ave.
Casting Repairs - (4).
Mainline Repairs – Repaired washed out ditch line over mainline at Christopher Lane and Circleville Rd.

Lift Station Maintenance:

Replaced transducer at Ghaner station.
Cleaned (8) lift station wet wells.
Routine Maintenance.
Started upgrade project at Outer Dr. pump station (pumps and control panel).

NEXT MONTH PROJECTS:

Casting adjustments for College Township Paving projects.
Televising and Flushing of 2018 Twp. Paving projects.
Completing Outer Dr. pump station upgrade.
Brushing of backlot interceptors.

Inspection: Final As-Builts Approved: None

Mainline Construction:

a. Pleasant Point - Complete – Awaiting As-Builts.
b. Fieldstone Phase 4 – Complete – Awaiting As-Builts.
c. Branch Road Bridge (Penn Dot) –Complete – Awaiting As-Builts.
d. Nittany Valley Sports Centre. – 95% complete.

New Connections:

a.	Single-Family Residential	17	c.	Commercial	1
b.	Multi-Family Residential	0	d.	Non-Residential	0
				TOTAL	**18**

PA One-Calls Responded to 09/1-30/17: 427

6.6 Engineer's Report

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

Retainer

- Continued to assist staff in the preparation of cost estimates for the replacement/relocation of the Shiloh Road Pump Station.
- Performed a review of HRG project files from the 2005 NPDES permit application to support Staff discussions of the potential for requesting increasing phosphorus discharge limits.

Odor Control System Upgrades

- 95% design documents were provided to AECOM and BIOREM for review. BIOREM comments have been received. AECOM's comments are pending.

- The Land Development Plan will go to the College Township for consideration when the parcel consolidations have been fully recorded.

- The applications to College Township for Zoning approval and to the Centre Region Code Administration for Building Code approval will be submitted when AECOM comments are received and incorporated as appropriate.

The Board directed the Executive Director, Mr. Miller, to present this project and costs to COG for their direction on if UAJA is to proceed or not.

Special Study for Reclaimed Waterline Extension

HRG continues to assist the Executive Director in the presentation and discussion of the Special Study at public meetings. The next presentation will be the COG General Forum on Monday, October 23.

Developer Plan Reviews:

- Four (4) Developer Plan submissions have been active since the last report.

- The previously recommended Design Drawings for the Dreibelbis Street Hotel were revised and resubmitted by the Developer, and were re-reviewed and were recommended to Staff for approval on 10/05 (1178.0633).

- The As-Built Plans for Fieldstone – Phase 4 were recommended to Staff for approval on 10/9 (1178.0635).

- The Design Drawings for Helix Development were recommended to Staff for approval on 10/10 (1178.0634).

- The Design Drawings for The Station have been submitted several times for review. Comments and separate meetings have been held to review the relationship and potential impact of stormwater infiltration structures to adjacent sanitary sewers. The Developer is revising the design for resubmission as of 10/12.

6.7 Construction Report

The following comments were presented to the Board by the Construction Engineer.

Solar Field

Duct work is being done for the electrical lines. West Penn Power has completed their work. The last of the panels are being delivered next week.

6.8 Executive Director's Report

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

Greenbriar Demonstration Project

Notices have been mailed by Ferguson Township inviting homeowners in the Greenbriar development to the October 16, 2017 Ferguson Township meeting. The purpose of the gathering is to inform the owners and answer questions about the study to determine the costs and benefits of connecting the development to the UAJA collection system. By connecting the existing on-lot systems, potential contamination of the drinking water from the on-lot systems would be reduced.

7. Other Business

None

8. Adjournment

The meeting was adjourned at 5:48 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary