

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**

**Regular Meeting – May 20, 2020**

**1. Call to Order**

Mr. Lapinski, Chairman, called the meeting to order at 4:00 p.m., Wednesday, May 20, 2020. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Dietz and Lapinski, Cory Miller, Executive Director; Jason Brown, Project Manager; Mark Harter, Collection System Superintendent; Art Brant, Plant Superintendent; Todd Alitz, IT Manager and Jason Wert, Rettew. Those in attendance via Zoom were Messrs. Auman, Daubert, Dempsey, Derr, Guss, S. Miller Nucciarone, David Gaines, Solicitor; Jeff Garrigan and Ben Burns, HRG Consulting Engineers; Michele Aukerman, Rettew; Brian McCall and Spenser McGrath, Maher Duessel Auditors; Corey Rilk, CRPA; Pam Adams, CRCG and C-NET. Mr. Ebaugh via telephone

**2. Reading of the Minutes**

UAJA Regular Meeting – March 20, 2020

<b>UAJA Meeting Minutes Approved</b>
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A motion was made by Mr. Guss, seconded by Mr. Nucciarone, to approve the minutes of the UAJA meeting held on March 20, 2020. The motion passed unanimously.

**3. Public Comment**

None

**4. Old Business**

**4.1 2019 Audit**

Included in the packet were the following:

Draft Financial Statements  
Draft Communication to Those Charged with Governance letter  
Draft Management letter

The Board Treasurer Dan Guss, Assistant Treasurer Dave Derr, and Board Member, Matt Auman, met with staff on Friday May 15<sup>th</sup> for a conference call with Maher Duessel to review and comment on these drafts. Brian McCall, a partner in Maher Duessel, reviewed the 2019 Audit with the Board.

<b>2019 Audit Approved</b>
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A motion was made by Mr. Guss, seconded by Mr. Derr, to approve the 2019 Audit. Motion passed unanimously.

**4.2 Columbia Gas Easement for Cathodic Protection**

Columbia Gas has installed a gas main in an easement along Trout Road within UAJA property. Columbia would like to install cathodic protection for the main on UAJA property. The project would be in a new right of way in the Southwest corner of UAJA property along Trout Road.

The proposed project will not interfere with the UAJA Phase II Solar project. Columbia will pay UAJA \$4,102.00 for the right of way. The right of way agreement and the supplemental agreement are included in the agenda report.

**Right of Way Agreement  
with Columbia Gas of  
Pennsylvania  
Approved**

A motion was made by Mr. Dietz, seconded by Mr. Nucciarone, to approve the Right of Way Agreement with Columbia Gas of Pennsylvania. Motion passed unanimously.

#### 4.3 Scott Road Act 537 Plan Special Study

HRG has completed the draft Act 537 Plan Special Study for the Scott Road pump station. A link to the study is here: <https://hrg3.box.com/s/kt9vl6nbhzb7oah7xkn9gacfexk54ij>

Ben Burns of HRG gave a presentation to the Board on the study.

**Forward the  
Act 537 Plan  
Approved**

A motion was made by Mr. Nucciarone, seconded by Mr. Dempsey, to forward the Act 537 Plan Special Study to COG for initiation of the formal public comment period. The motion passed unanimously.

#### 4.4 Capital Planning Water Quality-Energy Projects

RETTEW gave a presentation to the Board on a number of projects that UAJA is considering to align water quality and energy projects. These projects include capital replacements such as the UV System that provide additional treatment/energy benefits, a new initiative in solar that could provide broad benefit to UAJA's customers and maximize EPA/DEP's evolving nutrient offsets and an anaerobic digester project to convert biomass to biogas.

It is the consensus of the Board to continue with this study and update the Board at the June 2020 meeting.

### 5. New Business

#### 5.1 Final Design: Harner Farms Subdivision Lots 1-3

Final design drawings for the Harner Farms Subdivision Lots 1-3 sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve a total of 68 EDUs. The review comments have been addressed.

**Final Design: Harner  
Farms Subdivision  
Lots 1-3  
Approved**

A motion was made by Mr. Dietz, seconded by Mr. Derr, to approve the Final Design: Harner Farms Subdivision Lots 1-3. The motion passed unanimously.

#### 5.2 Bid Award – Contract 2020-01 Sludge Storage Tank Modifications

On March 12, 2020, bids were received from five (5) prospective contractors, for the Sludge Storage Tank Modifications Project. Four bids were received, with the low bidder being 4M

Construction Services, LLC, in the amount of \$39,200.00. The bid tabulation letter from RETTEW was included in the agenda report.

**Contract 2020-01  
 Approved**

A motion was made by Mr. Nucciarone, seconded by Mr. Dietz, to a ward Contract 2020-01 to 4M Construction Services, LLC in the amount of \$39,200. The motion passed unanimously.

**5.3 Requisitions**

Construction Fund #207	Rettew Associates ENR/AWT SCADA	\$39,624.25
Construction Fund #208	Rettew Associates ENR/AWT SCADA	\$12,539.68
Construction Fund #209	HRG Harris Reuse Engineering	\$922.00
Construction Fund #210	HRG Harris Reuse Engineering	\$5,167.00
Construction Fund #211	Warriors Mark Fencing Harris Reuse Fencing	\$3,355.00
Construction Fund #212	Pinnacle Erosion Control Harris Reuse Project	\$13,759.20
<b>TOTAL CONSTRUCTION FUND</b>		<b>\$75,367.13</b>

**Requisitions  
 Approved**

A motion was made by Mr. Dietz, seconded by Mr. Nucciarone, to approve the Construction Fund #207-212. The motion passed unanimously.

BRIF #413	Rettew Associates Sludge Storage Tank Mixer Project	\$7,000.40
BRIF #414	Rettew Associates Aeration System Repair Project	\$15,000.00
BRIF #415	HRG Shiloh Road Pump Station Project	\$266.00
BRIF #416	HRG Scott Road/Bristol Interceptor Study	\$1,280.00
BRIF #417	HRG	\$5,750.00

Meeks Lane Pump Station Study

BRIF #418` Electric Eel Manufacturing Co. \$9,695.00  
 Inspection Camera and Locator

**TOTAL BRIF \$38,991.40**

<b>Requisitions Approved</b>	A motion was made by Mr. Nucciarone, seconded by Mr. Guss, to approve the Bond Redemption and Improvement Fund #413-418. The motion passed unanimously.
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Revenue Fund #168 Debt Service, Operation and \$1,000,000  
 Maintenance Expenses

**TOTAL REVENUE \$1,000,000**

<b>Requisitions Approved</b>	A motion was made by Mr. Dietz, seconded by Mr. Auman, to approve the Revenue Fund #168. The motion passed unanimously.
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**6. Reports of Officers**

**6.1 SCBWA Liaison**

None.

**6.2 Financial Report**

The different cost centers of the YTD budget report for the period ending April 30, 2020 was reviewed with the Board by Jason Brown. The line item Interest Emmaus on page 18 has been reallocated to correct the line items.

Mr. Miller reported that the uncollected quarterly sewer revenues is up from the last quarter. This was expected with the Covid-19 requirements.

**6.3 Chairman's Report**

No report.

**6.4 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

	Nov. 2019	Dec. 2019	Jan. 2020	Feb. 2020	Mar. 2020	Apr. 2020
<b>Production</b>	988 cu/yds.	1,188 cu/yds.	1,156 cu/yds.	983 cu/yds.	1,202 cu/yds.	987 cu/yds.
<b>YTD. Production</b>	7,021 cu/yds.	8,209 cu/yds.	1,156 cu/yds.	2,139 cu/yds.	3,341 cu/yds.	4,328 cu/yds.
<b>Distribution</b>	1,823 cu/yds.	328 cu/yds.	133 cu/yds.	1,391 cu/yds.	371 cu/yds.	1,703 cu/yds.

<b>YTD. Distribution</b>	7,866 cu/yds.	8,194 cu/yds.	133 cu/yds.	1,524 cu/yds.	1,895 cu/yds.	3,598 cu/yds.
<b>Immediate Sale</b>	1,475 cu/yds.	2,135 cu/yds.	3,177 cu/yds.	2,902 cu/yds.	3,554 cu/yds.	3,006 cu/yds.
<b>Currently in Storage</b>	2,463 cu/yds.	3,323 cu/yds.	4,333 cu/yds.	3,885 cu/yds.	4,756 cu/yds.	3,993 cu/yds.

**SEPTAGE OPERATIONS**

	Nov. 2019	Dec. 2019	Jan. 2020	Feb. 2020	Mar. 2020	Apr. 2020
<b>Res./Comm.</b>	17,150 gals.	4,050 gals.	7,800 gals.	4,550 gals.	7,500 gals.	10,250 gals.
<b>CH/Potter</b>	4,553.64 lbs/solids	4,374.33 lbs/solids	7,948.02 lbs/solids	5,066.55 lbs/solids	4,674.57 lbs/solids	9,011.37 lbs/solids
<b>Port Matilda</b>	767.28 lbs/solids	1,017.48 lbs/solids	1,551.24 lbs/solids	1,467.84 lbs/solids	1,551.24 lbs/solids	2,768.88 lbs/solids
<b>Huston Twp.</b>	650.52 lbs/solids	517.08 lbs/solids	483.72 lbs/solids	417.00 lbs/solids	617.16 lbs/solids	467.04 lbs/solids
<b>Total Flow</b>	63,650 gals.	51,550 gals.	87,800 gals.	62,550 gals.	64,500 gals.	101,250 gals.

**6.5 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 for the month of April 2020. The 12-month rolling average flow for April was 3.33mgd with the average for the month being 3.32mgd. The average monthly **influent** flow was 5.02mgd.

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

Below is the chart for Reuse Distribution and Temperature Data:

	Apr-20	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	4,000	65,000		
Centre Hills	149,000	149,000	Apr-20	Apr-20
Cintas	448,000	2,029,000	56.4	56.8
Red Line	261,000	1,490,000		
Uaja Wetland	2,460,000	13,108,000		
Wetland Vault	51,311,000	180,155,000		
Kissingers	1,843,000	7,612,000		
Stewarts/M.C.	1,000	9,000		
<b>TOTAL</b>	<b>56,477,000</b>	<b>204,617,000</b>		

**Plant Maintenance**

- Serviced Landia Mixers on Aeration basins #1 and #3.
- Replaced utility water pump and had the coupler aligned.

- Changed thermal couples in bay 7 zone E and bay 8 zone E.
- Serviced MAU #1302 and MAU #1305.
- Replaced two transfer fan motors at Compost.
- Replaced oil sending unit on the Trommel Screen.
- Replaced all 4 belts on Odor Control Blower #3.
- CIP'ed both RO units.
- Replaced mechanical seal on M/F backwash supply pump #2.
- Installed vacuum break and drain line from it.
- Replaced solenoid manifold for MF-CIP air lines.
- Constructing walkways for MF servicing.

## 6.6 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 Construction – Greenbriar – Installed (202 ft) of lateral pipe – (2) homes hooked up to new system.  
Harris Reuse Project – Installed (935 ft) of 12" main.  
Mainline Televising – (16,465 ft) televised – (52) manholes inspected.  
Mainline Cleaning – (12,903ft) cleaned – (70) manholes inspected.  
Equipment maintenance.  
GPS mapping.

### LIFT STATION MAINTENANCE:

Cleaned (8) lift station wet wells.  
Replaced block heater on generator at Fox Hill station.  
Replaced generator batteries at Marywood and Scott Rd. stations.  
Replaced guide rail pump claw at Scott Rd. station.

### NEXT MONTH PROJECTS:

Continue Greenbriar project.  
Continue Harris Reuse project.  
Cleaning wet wells.  
Flushing and Televising mains.  
Complete GPS work.

### INSPECTION:

Final As-Builts Approved: None

#### Mainline Construction:

- Grays Woods Phase 6, Section B – (90%) Complete.

#### New Connections:

a.	Single-Family Residential	0	c.	Commercial	0
b.	Multi-Family Residential	9	d.	Non-Residential	0

**TOTAL** **9**

PA One-Calls Responded to 4/1-30/20: 185

## 6.7 Engineer’s Report

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

### Consulting Engineer Services

- HRG is available to assist the Authority with teleconferencing and videoconferencing capabilities.
- It is anticipated that Congress will pass a new round of funding focused on infrastructure within the next few weeks. HRG’s financial services group has been researching funding programs that may become available. Updates will be provided as they become available.

### Odor Control System Upgrades

Contract Times								
Contract No.	Notice to Proceed	Contract Time	Substantial Completion Date	Days Used*	Days Remaining	Final Completion	Percent of Time Remaining	Time Used
17-03	9/4/2018	320	7/21/2019	589	-296	9/4/2019	0%	100%
17-04	9/4/2018	320	7/21/2019	589	-296	9/4/2019	0%	100%

\*As of date of board meeting (5/20/2020).

- Both Contractors temporarily suspended work due to State Orders associated with COVID-19, but have now returned to the site.
- Air ventilated from the Compost Building has been passing through the biofilter since February 20<sup>th</sup>. The acclimation period should be complete; however, no testing has occurred. The Dewatering Building is connected through ducting; however, ventilated air is not being passed through the biofilter. The system is required to be balanced; however, due to COVID-19, the biofilter manufacturer has suspended all travel.
- There was no progress meeting held in May; although a video conference was held to discuss the fault status of a recirculation pump and outstanding items. The Electrical Contractor is to provide a schedule for wiring all remaining devices.
- There were no applications for payment submitted for May. The following summarizes the Contract Prices and Balances.

Applications for Payment submitted by the Contractors are summarized in the following table.

Applications for Payment						
Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	% Monetary Complete	Balance to Finish
17-03	--	--	\$8,358,000.00	\$8,326,215.00	99.6	\$448,095.75
17-04	--	--	\$587,890.00	\$584,790.00	99.5	\$32,339.50

- The Contracts are 296 days beyond the date of Substantial Completion (projected to the date of the Board Meeting, May 20, 2020). Liquidated Damages in the amount of \$384,800.00 (\$1,300/day) have accrued. This does not account for additional time that may be due to the Contractors for delays associated with COVID-19.
- Subsequent to the observation of apparently low air flow and high exhaust fan outlet pressures, the General Contractor identified that the exhaust dampers were only partially open. The dampers have been adjusted and the fan speeds have been corrected.
- Notifications of delays due to COVID-19 have been submitted by each Contractor. These change proposals are being evaluated based on specific State Orders and timing.

#### **Shiloh Road Pump Station Upgrades (1178.0632)**

- The Component 3M Sewage Facilities Planning Module was submitted to College Township and to the Centre Region Planning Agency. The 30 day public comment period ends on May 13<sup>th</sup>. HRG is corresponding with College Township to obtain a schedule pursuant to adoption of the plan revision.

#### **Extension of Beneficial Reuse Water to Harris Township**

- Alignment stake-out is being coordinated with the UAJA construction crew.
- The amended project for the Highway Crossings has been advertised for public bids. Bids will be received for the two Contracts on June 15<sup>th</sup> at 2 PM.

#### **Scott Road Pump Station and Bristol Interceptor – Act 537 Plan Special Study**

- The draft study was revised based on comments provided by the UAJA.

#### **Meeks Lane Pump Station – Act 537 Plan Special Study**

- A draft of the study was submitted to the UAJA.
- The PNDI search revealed potential impacts to eight plant species. The DCNR has requested that a botanical survey be completed.

#### **Beneficial Reuse Service Area Designation – Act 537 Plan Special Study (1178.0666)**

- The Task Activity Report (TAR) that sparked many comments from Municipalities, Authorities, Agencies, and Groups was discussed at the May 7, 2020 PSE Committee meeting.

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

- The Developer's design drawings for Patton Crossing Phase 01, Sanitary Design were recommended to Staff on May 5, 2020



## 6.8 Construction Report

Mr. Wert reported that he had met with DEP regarding phosphorus and modifying the scope of work regarding the impairment of Spring Creek. Mr. Wert will update the Board at the June 2020 meeting.

## 6.9 Executive Director's Report

Mr. Miller reported that all the UAJA staff is doing outstanding work whether it is from the office, crews in the field getting the projects accomplished or those working from home.

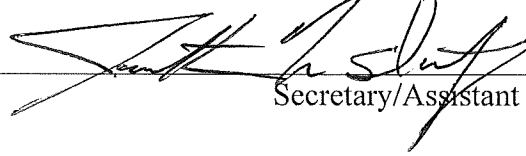
## 7. Other Business None

## 8. Adjournment

The meeting was adjourned at 6:15 p.m. via motion. Mr. Nucciarone moved, seconded by Mr. Dietz. Motion passed.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary