

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – January 16, 2019**

**1. Call to Order**

Mr. Miller, Executive Director, called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, January 16, 2019. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dempsey, 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; Dick Campbell and David Gaines, Solicitors; Jeff Garrigan and Ben Burns, Consulting Engineers; Jason Wert and Michele Aukerman, RETTEW; Deb Hoag, State College Borough, Jim May, CRPA; Tom Songer, Devon Warner Ellen Kline, Ford Stryker, Dave Swisher and Kathy Wheeler, Recording Secretary.

**2. 2019 Board Reorganization**

**Chairman  
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. Nucciarone, to elect Mr. Lapinski as Chairman. The motion passed unanimously.

Mr. Miller turned the meeting over to Mr. Lapinski for the remaining election of officers.

**Vice - Chair  
Approved**

A motion was made by Mr. Ebaugh, seconded by Mr. Guss, to elect Mr. Dempsey as Vice-Chairman. The motion passed unanimously.

**Remaining Officers  
Approved**

A motion was made by Mr. Derr, seconded by Mr. Dempsey, to keep the remaining officers as is: Mr. McShea – Treasurer; Mr. Dietz – Secretary; Mr. Guss – Assist. Treasurer; Mr. Ebaugh – Assist. Secretary. The motion passed unanimously.

**UAJA  
Staff and Advisors  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Guss, to approve all staff and advisors as follows: Mr. Cory Miller, Executive Director; Miller, Kistler & Campbell, Solicitor; Herbert, Rowland and Grubic, Consulting Engineers; Mette, Evans & Woodside, Bond Council; Maher Duessel, Auditor; First National Bank, Depository General Fund and Payroll Fund; Pennsylvania Local Government Investment Trust, Depository Investment Fund; US Bank, Trustee. The motion passed unanimously.

**3. Approval of the Minutes**

**3.1 UAJA Regular Meeting – December 17, 2018**

**UAJA  
Meeting Minutes  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Derr, to approve the minutes of the UAJA meeting held on December 17, 2018 as submitted. The motion passed unanimously.

**4. Public Comment**

None.

**5. Old Business**

**5.1 Open Records Policy Schedule of Fees**

Each year UAJA needs to adopt a schedule of fees associated with our Open Records Policy. This fee schedule is shown below (as a side note, this law does not allow for a retrieval fee):

1. Fees for the actual cost of mailing.
2. 25 cents per single-sided page for duplication.
3. Reasonable fees to cover other types of actual costs such as data conversion, electronic access, etc.

**Open Records Policy  
Schedule of Fees  
Approved**

A motion was made by Mr. Guss, seconded by Mr. Derr, to approve the Open records Policy Schedule of Fees as presented. The motion passed unanimously.

**5.2 Meeting Dates for 2019**

Proposed 2019 meeting dates are provided below. Staff will advertise upon approval.

**January 16, 2019  
February 20, 2019  
March 20, 2019  
April 17, 2019  
May 15, 2019  
June 19, 2019  
July 17, 2019  
August 21, 2019  
September 18, 2019  
October 16, 2019  
November 20, 2019  
December 18, 2019**

**January 15, 2020**

**2019 Meeting Date  
Schedule  
Approved**

A motion was made by Mr. Nucciarone, seconded by Mr. McShea, to approve the meeting schedule for 2019 as amended. Motion passed unanimously.

### 5.3 Springfield Commons Billing and Sewer Service to Duplexes

At the February 5, 1997 meeting of the Patton Ferguson Joint Authority, action was taken to allow a single lateral to serve each building in the Wyndham Heights Condominium development. When PFJA, CHJA and UAJA were consolidated, the standard specifications were revised to allow this to apply to any development. The UAJA specifications, section 1.13, are as follows:

#### Duplexes

1. Duplex buildings may always be served with an individual four (4) inch lateral to each unit adhering to specifications of the Authority. Any separate connection of a detached structure to the primary use on the lot shall be considered a “Private to Private” connection and shall follow the same requirements as the primary building connection however it shall require a separate permit as described in the Rate Resolution.
2. A duplex building where each unit will be rented may be served by extending the six (6) inch Schedule 40 lateral at the mainline into the property where it can be manifolded with a wye and reduced to four (4) inch Schedule 40 to serve each unit.
3. At duplex buildings where the units are individually owned and are not part of a condominium, each unit must be served by an individual four (4) inch lateral that adheres to specifications of the Authority.
4. Duplex building that are condominiums may be provided service with one lateral subject to the following conditions:
  - a. A condominium association must be established and a maintenance agreement with UAJA must be enacted.  
There must be no ability to subdivide the property, or any of the buildings within the condominium association, under current zoning regulations.
  - c. The laterals serving multi-unit buildings must be six (6) inches in diameter.
  - d. The minimum grade of the lateral must be one-quarter inch per foot (2.00%).
  - e. The lateral must extend completely through the building with a clean-out at the end.
  - f. Additionally, a clean-out must be provided for each individual unit in an accessible location that is not within the living area of the unit.
  - g. Grade certification must be provided to UAJA staff for each lateral within the association.

The Springfield Commons sewer design was approved based on the condominium/rental model. The Developer is GTW Associates, represented by Tom Songer. The sewers and laterals were constructed, and the as-built drawings were approved in July 2006. In April 2015, the development was changed by the developer and approved by Harris Township. The duplexes were converted to fee simple lots. The problem began at that moment, because the change approved by Harris Township was inconsistent with UAJA policies and specifications.

UAJA did not find out about this change until October 2018. The problems were finally discovered when a request to change the billing for duplex 128/130 from GTW to Chris Turley, and to set up two separate accounts for what is shown on UAJA’s approved sewer design and as built to be a duplex condominium/rental to be served by one lateral. This request was received in October 2018.

The result of the action by GTW and Harris Township was that GTW was able to avoid the cost of individual laterals to each fee simple duplex unit by first having the plan approved with the duplexes being condominiums/rentals, and then, once the sewer construction was complete, to change the plan. UAJA was never notified by GTW of the change, which clearly, according to UAJA policies and specifications, requires one lateral per unit under the change approved by Harris Township.

In October 2018, David Gaines sent a letter to McQuaide Blasko (Tom Songer's attorney) asking for a corrective action plan. Tom Songer's response was included in the agenda report, along with other documents provided by Devon Warner of Berks Homes.

Following discussion Mr. Songer will have his attorney draft language that lets the owners of the duplex units know that the shared sewer lateral is their joint responsibility should there be a backup and or need for a repair. This language will be reviewed by Mr. Campbell and brought back to the Board at the February 2019 meeting for consideration. The issue of the billing will be administratively reviewed with a recommendation to the Board at the next meeting.

#### **5.4 Budget Amendment – Folder/Inserter System**

After the 2019 Budget was approved in October of 2018, our billing system Folder/Inserter machine failed. This machine was over 6 years old and Pitney Bowes indicates that it is obsolete. Repairing the machine wasn't an option. Staff considered two options to replace the machine, leasing from Pitney Bowes and purchase. It was determined that an outright purchase was much more cost effective and saved over \$5000 over the life of the machine. The cost of this system is \$24,737.48. There are adequate reserve funds in the Bond Redemption and Improvement Fund for this purchase.

**2019 Capital Budget  
Amendment Approved**

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve an amendment to 2019 Capital Budget for \$24,737.48 to purchase the new Folder/Inserter System. Motion passed unanimously.

#### **5.5 Greenbriar Project Discussion**

At the Ferguson Township Meeting January 7<sup>th</sup> the Ferguson Township Supervisors requested that UAJA delay any action on the Greenbriar project so that Ferguson and UAJA can work together to resolve the boring/patching/paving issue. One month delay will not be a significant problem, particularly if it results in a better deal for the property owners.

Following a brief discussion Mr. Miller stated that he would update the Board at the February 2019 meeting.

### **6. New Business**

#### **6.1 2019 Rate Resolution**

This item is an administrative requirement, since tapping fee rates were changed from 2018. Those rates were approved in the budget process.

**2019 Rate Resolution  
Approved**

A motion was made by Mr. Nucciarone, seconded by Mr. Derr, to approve the 2019 Rate Resolution. The motion passed unanimously.

**6.2 Treatment Plant NPDES Permit Renewal Discussion**

DEP has published the draft permit renewal for the treatment plant. Staff and Engineers will presented a brief summary of the permit conditions, and what the official UAJA response should be.

**6.3 Requisitions**

Construction Fund #95	The Howard Company Odor Control Elec. Pay App #3	\$17,652.34
Construction Fund #96	Global Heavy Corp Odor Control Gen. Pay App #3	\$167,900.00
Construction Fund #97	HRG Odor Control Engineering	\$26,040.00
Construction Fund #98	HRG Harris Reuse Engineering	\$16,577.17
Construction Fund #99	HRI ENR/AWT Gen. Pay App #8	\$2,022,785.23
Construction Fund #100	Biter Electrical Enterprises ENR/AWT Elec. Pay App #4	\$92,253.12
Construction Fund #101	Rettew Associates ENR/AWT Engineering	\$10,991.71
Construction Fund #102	Rettew Associates ENR/AWT SCADA	\$12,407.50
<b>TOTAL CONSTRUCTION FUND</b>		<b>\$2,366,607.07</b>

**Requisitions  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Derr, to approve the Construction Fund Requisitions #95-102. The motion passed unanimously.

BRIF #332	Pitney Bowes Folding/Inserting System	\$24,737.48
BRIF #333	Wayne Township Landfill Disposal of Biosolids	\$7,449.78
BRIF #334	HRG Greenbriar Engineering	\$25,554.74

BRIF #335	Conviber Rebuild Compost Conveyer	\$47,131.29
BRIF #336	Foam Coat 50% Compost Roof Repair	\$224,130.50
<b>TOTAL BRIF</b>		<b>\$329,003.79</b>

**Requisitions  
Approved**

A motion was made by Mr. Nucciarone, seconded by Mr. McShea, to approve the BRIF Requisitions #332-336. The motion passed unanimously.

**7. Reports of Officers**

**7.1 SCBWA Liaison**

None.

**7.2 Financial Report**

Mr. Smith reviewed with the Board the YTD budget report for the period ending December 31, 2018.

**7.3 Chairman's Report**

None

**7.4 Compost & Septage Operations Report**

The following comments are as presented to the Board in the written report prepared by Jason Brown, Project Manager.

Mr. Brown stated that mixing of new compost has ceased and the bays are being cleared of the old compost. The dewatered biosolids are being transported to a landfill by Wayne Township within the guidelines of DEP. Production of new compost will begin within the next 3-4 months.

**COMPOST PRODUCTION AND DISTRIBUTION**

	<u>Jul. 2018</u>	<u>Aug. 2018</u>	<u>Sep. 2018</u>	<u>Oct. 2018</u>	<u>Nov. 2018</u>	<u>Dec. 2018</u>
<b>Production</b>	870 cu/yds.	875 cu/yds.	775 cu/yds.	870 cu/yds.	851 cu/yds.	815 cu/yds.
<b>YTD. Production</b>	6,278 cu/yds.	7,153 cu/yds.	7,928 cu/yds.	8,798 cu/yds.	9,649 cu/yds.	10,464 cu/yds.
<b>Distribution</b>	505 cu/yds.	968 cu/yds.	740 cu/yds.	2,006 cu/yds.	517 cu/yds.	438 cu/yds.
<b>YTD. Distribution</b>	7,214 cu/yds.	8,182 cu/yds.	8,922 cu/yds.	10,928 cu/yds.	11,445 cu/yds.	11,883 cu/yds.
<b>Immediate Sale</b>	2,309 cu/yds.	2,181 cu/yds.	2,318 cu/yds.	1,183 cu/yds.	1,611 cu/yds.	2,024 cu/yds.
<b>Currently in Storage</b>	3,179 cu/yds.	3,056 cu/yds.	3,093 cu/yds.	2,053 cu/yds.	2,462 cu/yds.	2,839 cu/yds.

**SEPTAGE OPERATIONS**

	<u>Jul. 2018</u>	<u>Aug. 2018</u>	<u>Sep. 2018</u>	<u>Oct. 2018</u>	<u>Nov. 2018</u>	<u>Dec. 2018</u>
<b>Res./Comm.</b>	21,600 gals.	37,900 gals.	94,000 gals.	64,650 gals.	15,955 gals.	16,050 gals.
<b>CH/Potter</b>	4,119.96 lbs/solids	7,038.56 lbs/solids	1,680.51 lbs/solids	5,963.10 lbs/solids	5,475.21 lbs/solids	5,446.02 lbs/solids
<b>Port Matilda</b>	2,101.68 lbs/solids	1,134.24 lbs/solids	2,101.68 lbs/solids	1,267.68 lbs/solids	1,601.28 lbs/solids	1,301.04 lbs/solids
<b>Huston Twp.</b>	533.76 lbs/solids	617.16 lbs/solids	316.92 lbs/solids	567.12 lbs/solids	683.88 lbs/solids	500.40 lbs/solids
<b>Total Flow</b>	78,100 gals.	96,900 gals.	127,000 gals.	121,650 gals.	76,955 gals.	75,050 gals.

**7.5 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 to our NPDES permits for the month of December 2018. The 12-month rolling average flow for December was 5.20mgd with the average for the month being 5.25mgd. The average monthly **influent** flow was 6.34mgd. Treatment units on line are as follows: primary clarifiers #3, #5 and #6; aeration basins #2 and #3; secondary; clarifiers #1, #2, and #3; eight tertiary filters.

Below is the chart for Reuse Distribution and Temperature Data:

	Dec-18	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	21,000	342,000		
Centre Hills	0	22,294,000	Dec-18	Dec-18
Cintas	677,000	7,663,000	55.9	54.3
Red Line	388,000	4,231,000		
Uaja Wetland	5,043,000	58,647,000		
GDK Vault	23,784,000	201,555,000		
Kissingers	1,845,000	17,570,000		
Stewarts/M.C.	7000	18,449		
<b>TOTAL</b>	<b>18,630,000</b>	<b>312,320,449</b>		

**Plant Maintenance**

- Had the big Godwin pump serviced. They replaced a bad compressor.
- Replaced low-side alum pump.
- Replaced diaphragm in #11 primary pump.
- Rebuilt Headworks Indeeco heater.
- Finished draining #1 Aeration Basin so that it may be upgraded.
- Removed all brushes from the secondaries and performed p/m.
- Serviced Outfall UV train 2B module1, replaced 3 bulbs and 2 ballasts.
- Replaced soft start on Bio-Fan #1 at Compost.
- Located and shut off non-potable water supply at the hydrants around earth filter.
- PBCI Aleen was in several times to work on MAU's.
- Relocated two earth filter fans to be stored as spares until further notice

- CIP all micro-filters.

## 7.6 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.

Mr. Harter reported that the position of Field Operations Supervisor has been filled with by Daren Brown and that the hiring of the new crew will be completed by the end of this week.

### Mainline Maintenance:

Mainline Televising – (6,291 ft' televised) – (30) manholes inspected (Big Hollow Interceptor).

Mainline Cleaning – (1,258 ft cleaned) – (8) manholes inspected.

R.O.W brushing on Big Hollow interceptor.

Equipment Maintenance.

### Lift Station Maintenance:

Cleaned (9) lift station wet wells.

Repaired check valve at Scott Rd. station.

Routine maintenance.

Repaired (1) E-One pump core.

### NEXT MONTH PROJECTS:

Flushing and televising of mainlines in service area.

Cleaning Wet Wells.

Televise Big Hollow Interceptor.

Continue GIS work in service area.

Training for new employees.

Equipment maintenance.

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

Mainline Construction:

- N. Atherton Street Project (Penn Dot) – (95%) Complete.
- Kaywood North – Started Construction – (90%) Complete.
- Helix Subdivision – Started Construction – (90%) Complete.
- Winfield Heights – Reviewing as- builds.
- Canterbury Crossing phase 4&5 – Reviewing as-builts

New Connections:

a.	Single-Family Residential	5	c.	Commercial	0
b.	Multi-Family Residential	0	d.	Non-Residential	0

**TOTAL 5**

PA One-Calls Responded to 12/1-31/18: 214

## 7.7 Engineer's Report

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

### **Retainer**

- No changes are proposed to the 2019 Consulting Engineer retainer services.
- Collaborated with the UAJA pursuant to maintenance activities in the Compost Building.



- Reviewed and discussed the draft NPDES Permit for the facility.

### Odor Control Study

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	134	186	9/4/2019	58%	42%
17-04	9/4/2018	320	7/21/2019	134	186	9/4/2019	58%	42%

\*As of date of board meeting.

- Shop drawings and RFIs continue to be processed and reviewed.
- The building permit (accounting for the change to a cast-in-place structure) is ready to be issued, pending signature from the Contractor.
- Progress Meeting No. 4 was held Wednesday, January 2, 2019. Minutes are attached.
- Contract No. 17-03 provided notice that a change proposal requesting additional time, at no cost, would be submitted.
- The following table summarizes applications for payment submitted for the Biological Odor Control Project. HRG has reviewed the applications for payment and recommends payment based on the work completed.

Applications for Payment						
Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	% Monetary Complete	Balance to Finish Plus Retainage
17-03	3	\$167,900.00	\$8,358,000.00	\$431,000.00	5.2	\$7,970,100.00
17-04	3	\$17,652.34	\$587,890.00	\$152,517.36	25.9	\$450,62438

### Greenbriar Sanitary Sewer Design

- The Sewage Facilities Application Mailer (request for exemption) and an Application for NPDES Permit for Stormwater Discharges Associated with Construction Activities were submitted.
- A Pave-Cut and Road *Occupancy Permit Application* was issued by Ferguson Township.
- A Permit Application for Municipal Tree Work is pending review by Ferguson Township.
- The PA DEP has determined that a Water Quality Management Permit is required for the project. The application package has been prepared.
- Easements and grinder pump agreements are being coordinated with the Authority's solicitor.
- A detailed quantity take-off was developed.

### Extension of Beneficial Reuse Water to Harris Township (1178.0637)

- Easement are being coordinated with the Authority's solicitor.
- Environmental permit applications are pending review by the regulatory agencies. The NPDES Permit for Stormwater Associated with Constructed Activities has been

published.

- Mountain View has still not provided a letter for support for the riparian forest buffer plan. A sample letter was provided for their use.
- A tree replacement plan has been prepared for the PennDOT property. The plan was requested by Harris Township out of concerns for loss of buffer trees.
- A detailed quantity take-off was developed for the scope of work to be constructed by the Authority.

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

- The developer's engineer has made no submissions for the Pine Hall Traditional Town Development following the meeting with Staff on October 9, 2018 (1178.0652).
- The As-Built Plans for Canterbury Crossing Phases IV-V, Lot 33 Phase 2 were reviewed and recommended for acceptance on January 4, 2019 (1178.0654).
- The As-Built Plans for Winfield Heights Phase 1 and 3 were reviewed and returned to the Developer for revisions on December 14, 2018 (1178.0655)
- Shop drawings continue to be processed and reviewed for The Cottages by Toll Brothers (1178.0567).

#### **7.8 Construction Report**

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

General Services Items Completed for the Authority:

##### *NPDES Permit*

- On Monday, December 17, 2018, the Authority received the draft NPDES Permit and attachments. A meeting was held on Wednesday January 8<sup>th</sup> between the Authority, RETTEW and HRG to review of the materials and will provide comments for Authority consideration.

##### *RO Membrane Replacement*

- We are working with Light Environmental and Avista Technologies to finalize the warranty transfer and cleaning chemical requirements.

##### *Compost Building Ceiling Repairs*

- The Contractor, FoamCoat, is scheduled to begin repairs to the Compost Building's ceiling insulation starting in February 2019.

##### *Ozone Project*

- RETTEW has contacted the PA DEP in regard to the potential for installing an ozonation system at the plant outfall for primary disinfection. The use of ozonation is covered in the Domestic Wastewater Facilities Manual prepared by the PA DEP and Tom Randis commented that we would need to provide the limitations and disinfection properties of ozonation in the Water Quality Management Permit Application. Based

upon these comments, RETTEW believes that the PA DEP would entertain and ultimately approve of a suitably designed ozonation system for primary disinfection at the Authority.

- RETTEW has been in contact with the oil and gas operator that owns the Ozone Disinfection System and they have contracted and hired the manufacturer Xylem (same as the system the Authority currently owns) to have the system reviewed in the field and documentation of any costs for refurbishment. Those results are expected in the next ten days.

ENR/AWT Upgrade Project

Contract Times								
Contract Number	Notice Proceed	Contract Time	Substantial Completion Date	Days Used	Days Remaining	Final Completion	Percent of Time Remaining	Time Used
2017-06	5/23/2018	365	5/23/2019	238	127	6/22/2019	35%	65%
2017-07	5/23/2018	365	5/23/2019	238	127	6/22/2019	35%	65%
2017-08	5/23/2018	365	5/23/2019	238	127	6/22/2019	35%	65%

- Shop drawings and RFIs continue to be processed and reviewed.
- Job Conference No. 7 was held Wednesday, January 9<sup>th</sup>, meeting minutes are attached.
- Contract UAJA 2017-06 (HRI) has submitted Application for Payment No. 8 in the amount of \$2,022,785.23. RETTEW has reviewed the payment application and recommends payment in the amount of \$2,022,785.23 to HRI for Contract UAJA 2017-06.
- Contract UAJA 2017-07 (Myco) no application has been submitted for this month.
- Contract UAJA 2017-08 (Biter) has submitted Application for Payment No. 4 in the amount of \$92,253.12. RETTEW has reviewed the payment application and recommends payment in the amount of \$92,253.12 to Bob Biter Electrical Enterprises for Contract UAJA 2017-08.

**Payment Requests to Date**

Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incld/CO	Total Work Completed to Date	% Monetarily Complete	Balance of Contract Amount incld/retainage
2017-06	8	\$2,022,785.23	\$8,375,000.00	\$2,387,507.77	28.51%	\$3,788,566.55
2017-07		\$0.00	\$39,900.00	\$25,164.20	63.07%	\$17,252.22
2017-08	4	\$92,253.12	\$1,025,700.00	\$181,367.32	17.68%	\$743,433.56
		\$2,115,038.35	\$9,440,600.00	\$2,594,039.29	27.48%	\$4,549,252.33

Outfall Project

- The GP-11 General Permit (replacement of water obstruction) was issued by the PA DEP on November 28<sup>th</sup> and the Water Quality Management Part II Permit was published on January 5, 2019. Final plans and specifications have been completed and the Authority can begin soliciting pricing.

Update on Battery Energy Storage System

- Testing has begun on the system with limited input/output having

occurred already. The system is cleared for full operational testing of 1.5 MW.

- Final test authorization is awaiting FERC review and approval and is expected to be received in the next 10-14 days (pending government shutdown delays).

#### 7.9 Executive Director's Report

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

#### Gordon D. Kissinger Meadow Slab Cabin Run Fishery Data

On October 19, 2018, the Pennsylvania Fish and Boat Commission conducted a fish survey at the Gordon D. Kissinger Meadow portion of Slab Cabin Run. The total fish biomass was higher than the previous samples from 2012 and 2015. A copy of the results is included in the agenda report.

#### 8. Other Business

**Executive Session**

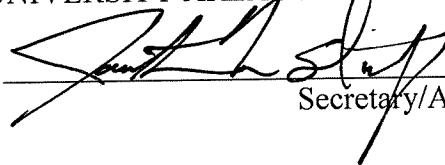
A motion was made by Mr. Nucciarone seconded by Mr. McShea, to adjourn to executive session at 5:25 p.m. The motion passed unanimously.

#### 9. Adjournment

The meeting was adjourned at 5:45 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary