

**MINUTES**  
**UNIVERSITY AREA JOINT AUTHORITY**  
**1576 SPRING VALLEY ROAD**  
**STATE COLLEGE, PA 16801**  
**Regular Meeting – February 18, 2015**

**1. Call to Order**

Mr. Lapinski, Vice-Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:05 p.m. Wednesday, February 18, 2014. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dempsey, Dietz, Ebaugh, Guss, Lapinski, McShea and Nucciarone; Cory Miller, Executive Director, Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Brown, Project Manager; David Gaines, Solicitor; Ben Burns & Dave Swisher, Consulting Engineers; Jason Wert and Chris Underwood, RETTEW; Eric Vorwald, Center Region; Mark Whitfield, State College Borough; Tom Songer and Kathy Wheeler, Recording Secretary.

**2. Reading of the Minutes**

**2.1 UAJA Regular Meeting – January 21, 2015**

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

A motion was made by Mr. Dempsey, seconded by Mr. Guss, to approve the minutes of the UAJA meeting held on January 21, 2015 as submitted. The motion passed unanimously.

**3. Public Comment**

None.

**4. Old Business**

**4.1. Contract #2015-01 Aluminum Sulfate**

Bids were opened February 10, 2015 for Contract 2015-01 Aluminum Sulfate. The bids received were:

<b>USALCO</b>	<b>\$283.49/dry ton</b>
Thatcher	\$293.00/dry ton
Chemtrade	\$312.90/dry ton
Main Pool	\$399.00/dry ton
Holland	\$475.15/dry ton

**Contract #2015-01**  
**Approved**

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to award Contract #2015-01 to USALCO for \$283.49 per dry ton of Aluminum Sulfate. The motion passed unanimously.

**4.2 Contract #2015-02 Sodium Hydroxide**

Bids were opened February 10, 2015 for Contract 2015-02 Sodium Hydroxide. The bids received were:

<b>UNIVAR</b>	<b>\$2.2268/gal.</b>
Main Pool	\$2.24/gal
Barbers Chemical	\$3.249/gal

**Contract #2015-02  
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. Nucciarone, to award the contract to Univar for \$2.2268 per gallon for Sodium Hydroxide. Motion passed unanimously.

**4.3 Contract #2015-03 Equipment Rental**

Bids were opened February 10, 2015 for Contract 2015-03 Equipment Rental, for a hydraulic excavator. The bids received were:

<b>GROFF TRACTOR</b>	<b>\$4750.00/mo</b>
Hertz	\$5900.00/mo
Cleveland Brothers	\$8593.00/mo

**Recommendation:** Award the contract to Groff Tractor for \$4,750.00 per month.

**Contract #2015-03  
Approved**

A motion was made by Mr. Guss, seconded by Mr. Dempsey, to award the contract to Groff Tractor For \$4,750 for a hydraulic excavator. Motion passed unanimously.

**4.4 Contract #2015-04 Paving**

Bids were opened February 10, 2015 for Contract 2015-04 Paving. The bids received were:

Trench Paving:

<b>MID STATE PAVING</b>	<b>\$73.90/sq yd</b>
H&R Excavating	\$74.95/sq yd
Hawbaker	\$95.45/sq yd
Ameron	\$182.40/sq yd

Base Paving:

<b>H&amp;R EXCAVATING</b>	<b>\$60.25/sq yd</b>
Mid State Paving	\$64.00/sq yd
Hawbaker	\$78.85/sq yd
Ameron	\$81.50/sq yd

**Contract #2015-04  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to award the contract to contract to Mid State Paving for Trench Paving at \$73.90 per sq/yd and to H&R Excavating for Base Paving at \$60.25 per sq/yd. Motion passed unanimously.

#### **4.5 Final Design: Highwoods at Toftrees**

Final design drawings for the Highwoods at Toftrees sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 96 EDU's of multi family homes. The review comments have been addressed.

**Final Design  
Approved**

A motion was made by Mr. Ebaugh, seconded by Mr. Nucciarone, to approve the Final Design: Highwoods at Toftrees. Motion passed unanimously.

#### **4.6 Resolution 15-2 Continuing Disclosure**

This resolution is required for compliance with Securities and Exchange Commission Rules and Regulations. It describes our financial reporting requirements, who is responsible, and requires training. By adopting this resolution, UAJA will be in compliance with SEC regulations. The only cost that may be incurred as a result of this resolution are for training requirements, and will be minimal. The resolution is included in the agenda packet.

**Resolution 15-2  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Guss, to approve Resolution 15-2. Motion passed unanimously.

#### **4.7 Penn State University Request for Service – Proposed Water Treatment Plant**

PSU has requested consideration for sewer service to the proposed PSU water treatment plant. The service would be for domestic sewage only, and would not include any process wastewater. There is an existing service lateral to the Mushroom Test Demonstration Facility which is proposed to be used. The MTDF is to be demolished. The water treatment plant is expected to have an increased flow (more EDU's) than the MTDF.

In the past, UAJA has allowed connections by PSU to the UAJA system based on the map of the sewer service area included in the Act 537 Plan, which shows all of PSU to be inside the sewer service area. While it is inside, no allowances for capacity at UAJA were included in the Act 537 Plan, thus service to PSU most likely would require modification to the Act 537 Plan.

It is the consensus of the Board to refer the request to the Centre Region Council of Governments for clarification.

#### **4.8 Tom Songer – Volumetric Billing, Tapping Fee, and Water Conservation**

Tom Songer would like to address the Board concerning our rate structure for commercial properties and tapping fees. He would like to know if UAJA is willing to work with him and his associates to develop a rate schedule that is fair and reasonable for both user fees and tapping fees.

In 2006 the matter of developing a comprehensive water conservation program was addressed by the Board and referred to the Centre Region Council of Governments. COG took action asking the CBICC to lead the development of that plan according to the EPA guidance for Water Conservation Planning. The focus at that time was on water conservation. Recommendations for

changes to the region's water and sewer rate structures would be included in the water conservation plan.

This most recent focus appears to be on the topic of fair and reasonable rates, rather than water conservation. The UAJA rate structure is fair and reasonable, and is not unique. There are other authorities and sewer systems using similar capacity based sewer rental rate structures. The rent has never been related to actual sewer discharge, just as the rent of a particular office building is not related to the actual usage of the building.

Mr. Songer read the following correspondence:

*For more than 13 years, my associates and I have asked this board to investigate the issue of how all customers of UAJA should be charged for sewer service and tapping fees. In addition, UAJA with input from other stakeholders should develop a plan to educate the general public on water conservation. My associates and I have been before this board on numerous occasions and have made presentations to the Public Services and Environmental Committee of COG and to COG on this issue.*

*Furthermore, we met with Jennifer Suhey and Steve Miller of Clearwater Conservancy on this issue, and you received correspondence from Jennifer dated September 4, 2003 and September 2, 2014. In Jennifer's most recent letter, she stated: "In general, we continue to encourage water conservation by homeowners and businesses. We understand that changing community attitudes and individual actions is an educational effort that can take years to bear fruit. It is also a message that should come from a variety of directions and motivations. Financial incentives are always good to consider as one piece of the puzzle. We therefore request that UAJA once again consider this type of comparative billing analysis, as well as considering other potential billing structures that may also be viable alternatives for this community if appropriate."*

*The Municipal Authorities Act, Chapter 56 Section 5607, (d)(9) states that every authority has the power "To fix, alter, charge and collect rates and other charges in the area served by its facilities at reasonable and uniform rates..." The keywords in this statement are that rates are to be **reasonable and uniform**.*

*In our opinion, the UAJA Rate Resolution does not provide for Reasonable and Uniform Rates. Some examples that illustrate this are:*

- *How does the number of automobile bays relate to how much sewage is generated. Two bays or fewer pay 2 EDUs and every bay greater than 2 pays one-half.*
- *Bowling Alleys pay 1 EDU per 6 lanes. How does this relate to sewer usage?*
- *Restaurants pay 1 EDU per 15 seats with no account for how long they are open or if it is primarily paper service. Is it a conference center or meeting rooms with variable seating?*
- *Retail Food stores pay 1 EDU for each food prep station, each deli, each bakery, each pharmacy, etc.*
- *Cooling towers with a drain to sewer are charged 1 EDU (unless volume warrants higher charge). A meter would have to be installed to measure the discharge and compare this to 175gpd/EDU.*
  - *Medical offices have many patients who may use the restroom facilities. Sewer service is based on the number of employees in the practice and doesn't take into account the patients who use the restroom facilities.*
- *Large retail stores like Walmart, Lowes, Giant Food, etc., have a many customers who use their restroom facilities but their sewer charge is based on the number of employees plus additional uses such as a deli, bakery, etc.*
- *Within an office building, how can 10 businesses that employ one person each pays 10 EDUs for sewer service, but if within the same building there is one business with 10 people, it pays 1 EDU? That difference in billing is 9 EDUs or more than \$3,700 per year for the same number of people within the building.*
- *Section 3.3 Volume Surcharges of the Rate Resolution states: "This Authority reserves the right to impose a volume surcharge and/or to revise the Equivalent Dwelling Unit classification for any improved property discharging domestic and/or industrial wastewater into the wastewater collection system in excess of a total flow of 175 gallons per day per EDU. The volume surcharge will be based upon the EDU treatment rate currently in place." In order to implement this surcharge, UAJA would have to check all of the water bills and compare them to the number of EDUs that are being billed to see if a surcharge should be billed. Is this being done for all commercial accounts?*
- *I have obtained water usage figures for individual single-family, detached homes within the UAJA service area served by State College Borough Water Authority. There are more than 90 homes that use between 124,000 and 240,000 gallons of water per year. As stated above, an EDU uses 175 gpd, which is*

*about 16,000 gallons per quarter or 64,000 gallons per year. Why shouldn't homes that use more than the equivalent of 1 EDU of water be charged for their excess sewage?*

*I have personally spoken to many people in the UAJA service area on this issue. The people with whom I have spoken include single-family homeowners, professional engineers, consultants who do rate studies, owners of medical facilities, hotel operators, investment property owners, etc. Everyone with whom I have spoken wants to pay a fair rate for their sewer service that meets the requirement of the PA Municipal Authorities Act, which, as I previously indicated, states that rates are to be **reasonable and uniform**. In addition, people believe that all users need to be better educated on what they can do to conserve water in their homes and businesses. We could begin with encouraging all residents and businesses to replace all 5-gallon toilets with 1.6 gallon or 1.2 gallon flush toilets.*

*UAJA bills the Borough of State College based on metered sewage flow. The Borough of State College bills all of its customers for sewer service based on actual water meter readings. Residential and non-residential customers are billed at the same rate. Water usage in the Borough has been reduced by 17% in the last 15 years even though the Borough has grown in population. By incentivizing Borough residents and businesses to save water, they have reduced water usage and have been able to keep their sewer budget balanced. In addition the Borough of State College charges a sewer tapping fee based on anticipated water usage which will determine the number of EDU's of tapping fee that will be charged.*

*Additionally, in doing my research, I found that, at one point, UAJA, CHJA and PFJA did commission a study of how these authorities should charge for sewer service. This was done when Dave Allison was the Executive Director. What happened with this study?*

Proposal for UAJA's  
consideration

1. *On behalf of my associates and myself, I would like to request that the UAJA board agree to do a professional study of how charges by UAJA for sewer service and for tapping fees should be done and how the users of the UAJA system could be encouraged to use less water.*
2. *A special committee should be formed. It should consist of three people from the UAJA Board, three people from the private sector, and Cory Miller. Pat Ward, Steve Balkey and I would like to represent the private sector. Pat and Steve are both registered professional engineers and are both residential customers of UAJA.*
3. *The committee will solicit proposals from qualified professionals to do the study to determine how all customers should be billed for sewer service and for tapping fees. The committee would review all of the proposals and develop a short list of three (3) firms that would be interviewed by the committee. The committee would then recommend to the UAJA board which consultant should be retained to do the study.*
4. *The committee would meet with the consultant during the course of the study to review the consultant's progress.*
5. *I want the minutes of this meeting to reflect that we are willing to work with UAJA to address the concerns that we have raised but we believe we need to be at the table with UAJA and the consultant who would be retained so that we can give our input.*
6. *If UAJA does not intend to do a study as I have suggested then please let me know on or before your next board meeting on March 18, 2015 as my associates and I will begin to do what we need to do.*

**5. New Business**

**5.1 Requisitions**

BRIF #146	HRG Odor Control Study Pay App #4	\$1,584.57
BRIF #147	Rettew SHAWT Engineering Inv #83214	\$2,900.00
BRIF #148	Dale Summit Acquisitions February Lease Pymt.	\$25,000.00

BRIF #149	M2 Construction SHA WT 14-05 Pay App #3	\$25,050.60
BRIF #150	M2 Construction SHA WT 14-06 Pay App #1	\$52,387.20
BRIF #151	Bob Biter Electrical SHA WT 14-07 Pay App #4	\$48,690.41
BRIF #152	IC & EE Ghaner 1 SCADA Invoice 466	\$1,732.13

**Requisitions  
Approved**

A motion was made by Mr. Ebaugh, seconded by Mr. McShea, to approve the BRIF Requisitions #146-152. The motion passed unanimously.

Rev Fund # 137	Debt Service, Operation & Maintenance	\$1,000,000
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**Requisition  
Approved**

A motion was made by Mr. McShea, seconded by Mr. Dietz, to approve Revenue Fund requisition # 137 in the amount of \$1,000,000. 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 January 31, 2015.

**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><b>Aug. 2014</b></u>	<u><b>Sep. 2014</b></u>	<u><b>Oct. 2014</b></u>	<u><b>Nov. 2014</b></u>	<u><b>Dec. 2014</b></u>	<u><b>Jan. 2015</b></u>
<b>Production</b>	425 cu/yds.	563 cu/yds.	646 cu/yds.	662 cu/yds.	653 cu/yds.	685 cu/yds.
<b>YTD. Production</b>	5,388 cu/yds.	5,951 cu/yds.	6,597 cu/yds.	7,259 cu/yds.	7,912 cu/yds.	685 cu/yds.
<b>Distribution</b>	432 cu/yds.	1,428 cu/yds.	559 cu/yds.	227 cu/yds.	285 cu/yds.	315 cu/yds.

<b>YTD. Distribution</b>	5,326 cu/yds.	6,754 cu/yds.	7,313 cu/yds.	7,540 cu/yds.	7,825 cu/yds.	315 cu/yds.
<b>Immediate Sale</b>	1,428 cu/yds.	585 cu/yds.	534 cu/yds.	953 cu/yds.	1,330 cu/yds.	1,664 cu/yds.
<b>Currently in Storage</b>	1,853 cu/yds.	1,148 cu/yds.	1,180 cu/yds.	1,615 cu/yds.	1,983 cu/yds.	2,349 cu/yds.

#### SEPTAGE OPERATIONS

	<u><b>Aug. 2014</b></u>	<u><b>Sep. 2014</b></u>	<u><b>Oct. 2014</b></u>	<u><b>Nov. 2014</b></u>	<u><b>Dec. 2014</b></u>	<u><b>Jan. 2015</b></u>
<b>Res./Comm.</b>	0 gals.	7,400 gals.	0 gals.	0 gals.	0 gals.	0 gals.
<b>Hawbaker</b>	0 gals.	0 gals.	152,000 gals.	0 gals.	102,000 gals.	33,000 gals.
<b>CH/Potter</b>	3,144.18 lbs/solids	5,204.16 lbs/solids	6,963.90 lbs/solids	1,843.14 lbs/solids	5,550.27 lbs/solids	2,339.37 lbs/solids
<b>Port Matilda</b>	1,417.80 lbs/solids	1,551.24 lbs/solids	1,651.32 lbs/solids	1,451.16 lbs/solids	1,634.64 lbs/solids	1,517.88 lbs/solids
<b>Huston Twp.</b>	567.12 lbs/solids	683.88 lbs/solids	617.16 lbs/solids	417.00 lbs/solids	467.04 lbs/solids	350.28 lbs/solids
<b>Total Flow</b>	39,500 gals.	72,900 gals.	227,000 gals.	37,500 gals.	162,500 gals.	69,500 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 January was 4.28mgd with the average for the month being 4.06mgd. The monthly **influent** flow was 4.78mgd. There were no inspections by DEP this month.

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

Below is the chart for Reuse Distribution and Temperature Data:

	<b>Jan-15</b>	<b>YTD</b>	<b>Plant Effl. Temp</b>	<b>Wetland Effl. Temp.</b>
<b>Best Western</b>	30,000	30,000		
<b>Centre Hills</b>	0	0	<b>Jan-15</b>	<b>Jan-15</b>
<b>Cintas</b>	689,000	689,000	54.2	50.1
<b>Red Line</b>	326,000	326,000		
<b>Uaja Wetland</b>	4,777,000	4,777,000		
<b>Wetland Vault</b>	9,853,000	9,853,000		
<b>Kissingers</b>	797,000	797,000		
<b>Stewarts</b>	0	0		
<b>TOTAL</b>	16,472,000	16,472,000		

### **Plant Maintenance**

- Stockers repaired the transmission linkage in the S-10 Chevy.
- Replaced the idler sprocket on the skimmer drive for Primary Tank #4.
- Aeration Basin Mixer AM-501 failed and was replaced with a spare mixer.
- The explosion-proof heater in the screen room of Septage Receiving has failed and will be replaced. New heaters are on order and will arrive in March.
- Repaired the control circuit to WAS Pump #3.
- The motor drive belts were replaced on MAU-1301 at Compost.
- Repaired the water solenoid for Bay 5 at Compost.
- Repaired the bay blowers in Bay 11 Zones D and E.
- We continue removing the old wood chips and cleaning the laterals in the Compost Bays.
- Repaired the drive shaft coupling on Knight Mixer #1.
- Replaced the lower auger bearing and #80 chain in Knight Mixer #2.
- The Maylie Property was inspected by Code and there are several items that were addressed and will need re-inspected to pass.
- Staff members from Maintenance and Collections continue to attend an extensive 5 week electrical training at CPI.

### **6.5 Collection System Superintendent's Report**

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

#### **Mainline Maintenance:**

- (UA) Lateral Installations – (0)
- (UA) Lateral Repairs – (3) 1321 N. Atherton St., 1201 Oakridge Ave., 108 Creekside Dr.
- (UA) Mainline Cleaning – (53) manholes inspected- (9,423) feet cleaned
- (UA) Mainline Repairs – (4) 1408 N. Atherton St.(PNC Bank)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (0)
- (FTA) Lateral Installations – (0)
- (FTA) Lateral Repairs – (0)
- (FTA) Mainline Cleaning – (4) manholes inspected- (827) feet cleaned
- (FTA) Mainline Repairs – (0)
- (FTA) Manhole Repairs – (0)
- (FTA) Manhole Casting Repairs – (0)

We have been doing snow removal and equipment maintenance. We helped with labor work at the Compost Building, cleaning the bays for air circulation repairs.

**(A)Construction &(B)I/I Inspection:** (A)(We TV'd 0 ua/0 fta feet of mainline and inspected 0 ua/0 fta MH's.) (B)Tested/Grouted – (MH's grouted ua 0 fta 0 /Joints tested ua 0 fta 0 /grouted ua 0 fta 0/) (Grout used 0/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU's).

#### **Lift Station Maintenance:**

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally.

Several of our staff are taking an electrical class at CPI.

**Inspection:** Provisional As-builts Approved: The Landings, Ph1B / Rockey Ridge, Ph2



**Mainline Construction:**

- a. Villa1 & Villa 2 Apts. Replacement – We are reviewing As-builts.
- b. Turnberry, Ph2 – We are awaiting As-built revisions.
- c. Saybrook, Ph 10 - We are awaiting As-built revisions.

**New Connections:**

a.	Single-Family Residential	11	c.	Commercial	1	
b.	Multi-Family Residential	1	d.	Industrial	0	
					<b>TOTAL</b>	<b>13</b>

PA One-Calls Responded to 1/1-31/15: **173**

**6.6 Engineer's Report**

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

**Retainer**

- Sewer Model Updates –Staff is updating the GIS database for geospatial EDU distribution.

**Big Hollow Interceptor Rehabilitation**

- Contracts 09-4/5/6 Big Hollow Diversion Pump Station (General, Mechanical, Electrical) All Contracts are still working to complete the punchlist items, and provide closeout documentation. Final applications have been submitted but are not recommended at this time.

**Constructed Wetlands**

- Substantial completion granted. A final completion inspection will be conducted when requested by the Contractor after all punchlist items have been completed.
- A warranty notice was issued for leaking manholes (water infiltrating into the manhole). The Contractor attempted to complete these repairs; however, active infiltration was not observed. The Contractor will complete these repairs in the spring when groundwater levels are higher.
- The orifice plates were delivered and will be installed to help balance water flow.

**Selders Circle Sewer Relocation**

- HRG is available as needed to assist with construction activities.

**Ghaner Road Pump Station**

- Record Drawings have been prepared and submitted to UAJA staff for review.

**North Allen Street Backlot Sewer Replacement**

- Final Record Drawings have been delivered.

**Odor Control Study**

- The HRG/Material Matters team met with UAJA staff, and have planned for the final sampling event to occur when the weather conditions are suitable.

**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:**

- Continued Coordination of Compost Modifications to Left/Right Servers from AEC Engineering (Portland, ME) and UAJA Staff
- Continued Coordination of SCADA System to facilitate enhanced use between Servers (Compost, Left, Right)

### **Solids Handling and Advanced Water Treatment System Upgrades – Contract 2014-05 through -08**

#### **Update of Construction Progress:**

- Progress Meeting No. 5 was held on February 5, 2015 with no major issues or conflicts identified.
- Authority and RETTEW have stressed overall schedule to the Contractors and the project is progressing. A copy of the minutes is attached.
- The Ozone Generation System has been placed into production by Contract 2014-05 (General) and is under construction. The majority of the submittal work has been completed by the Contractors for long-lead time items and is now focusing on minor items such as piping, etc.
- Demolition work has been completed in the Dewatering Building and AWT Building.
- A shutdown has been completed for the installation of the Ozone Contactor and the AWT system was placed back into service on February 12<sup>th</sup>. The Ozone Contactor is in use, with the flow path for the RO process passing through it. Once installation of the Ozone Generations System is completed, the unit will be placed into service.
- The sludge pumps and macerators have arrived and will begin installation the week of February 16<sup>th</sup>.
- Contract 2014-06 (Mechanical) has mobilized and has completed demolition in the AWT and Tertiary Filter Buildings and begun installation of the new dehumidification and cooling systems.
- Contract 2014-07 (Electrical) has completed all of the minor wiring and conduit modifications and
- installed the new Adjustable Frequency Drives in the Aeration System and Secondary Sludge Pumping Building.
- The date for Substantial Completion is February 21<sup>st</sup>, with 177 of the 180 days of the Contract Expired.

#### **Payment Applications and Change Orders:**

- Payment Application #3 was received in the amount of \$25,050.60 for Contract 2014-05 from M2 Construction, LLC. This Payment Application was received and reviewed by UAJA and RETTEW and is recommended for Approval.
- Payment Application #1 was received in the amount of \$52,387.20 for Contract 2014-05 from M2 Construction, LLC. This Payment Application was received and reviewed by UAJA and RETTEW and is recommended for Approval.
- Payment Application #4 was received in the amount of \$48,690.41 for Contract 2014-07 from Bob Biter Electrical Contractors, Inc. This Payment Application was received and reviewed by UAJA and RETTEW and is recommended for Approval.
- Change Order #1 was received in the additive amount of \$5,411.00 for Contract

2014-05 from M2

- Construction, LLC for installation of bollards around the Liquid Oxygen Storage Tank and Vaporizer.
- The bollards were requested by the Liquid Oxygen supplier (Airgas) for the Authority and is in
- conjunction with the deletion of a fence in Change Order #2. The Change Order was requested by
- RETTEW, was received and reviewed by UAJA and RETTEW and is recommended for Approval.
- Change Order #2 was received in the deductive amount of \$3,000.00 for Contract 2014-05 from M2
- Construction, LLC for the deletion of fencing around the Liquid Oxygen System and Vaporizer. The bollards (Change Order #1) were requested by the Liquid Oxygen supplier (Airgas) for the Authority in lieu of fencing, so the fencing was deleted. The Change Order was requested by RETTEW, was received and reviewed by UAJA and RETTEW and is recommended for Approval.

A summation of the payment amounts to date are as follows:

CONTRACT	Contract Amount	Change Orders Amount	Work Completed	Payment Approved*	Retainage and Work to Complete
2014-05	\$954,700.00	-	\$224,143.00	\$201,728.70	\$752,971.30
2014-06	\$198,500.00	-	\$58,208.00	\$52,387.20	\$146,112.80
2014-07	\$121,700.00	(\$2,592.00)	\$101,615.55	\$96,534.77	\$22,573.23

\*Inclusive of Recommended Payment for this Board Report

Membrane Procurement Contract (2014-08):

RETTEW provided Executed Contract Documents to GCS Water Purification, LLC (Toray) in the amount of \$158,995.00 for Contract 2014-08. A Preconstruction Conference is scheduled for February 16<sup>th</sup> and membranes should arrive in April after commissioning and startup of the Ozone System.

## 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.

### Bond Refinancing

The Series 2010 Bonds are in the process of being refinanced. The rates for the new bonds have been set, and the closing is March 3<sup>rd</sup>. The net result of the refinancing will be \$1,03,802 in savings to the Authority over the period from 2015 to 2028. A summary of the bond sale was included in the agenda packet.

## 7. Other Business

### Executive Session

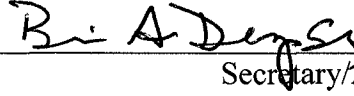
A motion was made by Mr. Dempsey , seconded by Mr. McShea, to adjourn to an executive session at 4:45 p.m. The motion passed unanimously.

**8. Adjournment**

The meeting was adjourned at 5:30 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

A handwritten signature in black ink, appearing to read "Bri A. Dwyer", is written over a horizontal line.

Secretary/Assistant Secretary