

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – March 19, 2014

1. Call to Order

Mr. Lapinski, Vice- Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:10 p.m. Wednesday, March 19, 2014. The meeting was held in the Board Room in the office of the Authority with the following in attendance: Messrs. Dempsey, Dietz, Guss, Lapinski, McShea; 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; Doug Weikel and Ben Burns, Consulting Engineers; Janet Sulzer, Centre Region and Kathy Wheeler, Recording Secretary.

2. Reading of the Minutes

2.1 UAJA Regular Meeting – February 19, 2014

| |
|--|
| UAJA Meeting Minutes Approved |
|--|

A motion was made by Mr. Dietz, seconded by Mr. Guss, to approve the minutes of the UAJA meeting held on February 19, 2014 as submitted. The motion passed unanimously.

3. Public Comment

None.

4. Old Business

4.1. Contract #2014-04 Rebid Equipment Rental

One bid was received:

| | |
|---------------|------------|
| Groff Tractor | \$5,000/mo |
|---------------|------------|

| |
|--|
| Contract #2014-04 Rebid Equipment Rental Approved |
|--|

A motion was made by Mr. McShea, seconded by Mr. Dietz, to award Contract #2014-04 Rebid Equipment Rental to Groff Tractor in the amount of \$5,000/mo. The motion passed unanimously.

5. New Business

5.1 Final Design: The Gates Townhomes

Final design drawings for the Gates Townhomes sewer extension (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 155 EDU's of multi-family townhomes. The review comments have been addressed.

| |
|---|
| Final Design: The Gates Townhomes Approved |
|---|

A motion was made by Mr. McShea, seconded by Mr. Ebaugh, to approve the Final Design: The Gates Townhomes. Motion passed unanimously.

5.2 Final Design: The Reserve at Gray's Woods Phase 1

Final design drawings for the Reserve at Gray's Woods Phase 1 sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 38 EDU's of single family homes. There is a pump station included in the development. The review comments have been addressed.

Final Design: The Reserve at Gray's Woods Phase 1

The information for this project was not received in time for the meeting.

5.3 Requisitions

| | | |
|------------------------|--|-------------|
| Construction Fund #109 | Dale Summit Acquisitions March 2014 Lease Pymt Reuse Water Storage Tanks | \$25,000.00 |
|------------------------|--|-------------|

Requisitions Approved

A motion was made by Mr. Guss, seconded by Mr. Dietz, to approve the 2010 Construction Fund #109. The motion passed unanimously.

| | | |
|-----------------------------|--|-------------|
| 2010 Construction Fund #110 | Lobar Inc. Pay App #11 Big Hollow Pump Station | \$97,272.69 |
|-----------------------------|--|-------------|

Requisitions Approved

A motion was made by Mr. Dietz, seconded by Mr. Guss, to approve the 2010 Construction Fund # 110. The motion passed unanimously.

| | | |
|-----------------------------|--|-------------|
| 2010 Construction Fund #111 | Port Vue Plumbing Pay App #4 Big Hollow Pump Station | \$49,521.82 |
|-----------------------------|--|-------------|

Requisitions Approved

A motion was made by Mr. Dietz, seconded by Mr. McShea, to approve the 2010 Construction Fund # 111. The motion passed unanimously.

| | | |
|-----------------------------|--|-------------|
| 2010 Construction Fund #112 | Robert P. Lepley Electric Pay App #3 Big Hollow Pump Station | \$50,921.46 |
|-----------------------------|--|-------------|

Requisitions Approved

A motion was made by Mr. McShea, seconded by Mr. Dietz, to approve the 2010 Construction Fund # 112. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

Mr. Smith reviewed with the Board the YTD budget report for the period ending February 28, 2014.

7.2 Chairman’s Report

No report.

7.3 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. 2013</u> | <u>Oct. 2013</u> | <u>Nov. 2013</u> | <u>Dec. 2013</u> | <u>Jan. 2014</u> | <u>Feb. 2014</u> |
|-----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Production | 559 cu/yds. | 786 cu/yds. | 661 cu/yds. | 771cu/yds. | 783 cu/yds. | 623 cu/yds. |
| YTD. Production | 6,508 cu/yds. | 7,294 cu/yds. | 7,955 cu/yds. | 8,726 cu/yds. | 783 cu/yds. | 1,406 cu/yds. |
| Distribution | 733 cu/yds. | 924 cu/yds. | 506 cu/yds. | 253 cu/yds. | 139 cu/yds. | 0 cu/yds. |
| YTD. Distribution | 6,650 cu/yds. | 7,574 cu/yds. | 8,080 cu/yds. | 8,333 cu/yds. | 139 cu/yds. | 139 cu/yds. |
| Immediate Sale | 855 cu/yds. | 447 cu/yds. | 710 cu/yds. | 1,118 cu/yds. | 1,750 cu/yds. | 2,533 cu/yds. |
| Currently in Storage | 1,414 cu/yds. | 1,233 cu/yds. | 1,371 cu/yds. | 1,889 cu/yds. | 2,533 cu/yds. | 3,541 cu/yds. |

SEPTAGE OPERATIONS

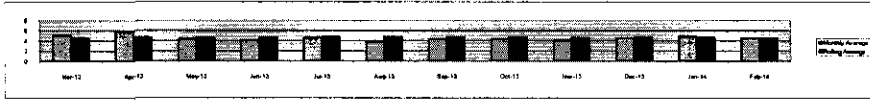
| | <u>Sep. 2013</u> | <u>Oct. 2013</u> | <u>Nov. 2013</u> | <u>Dec. 2013</u> | <u>Jan. 2014</u> | <u>Feb. 2014</u> |
|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Res./Comm. | 2,000 gals. | 4,200 gals. | 0 gals. | 0 gals. | 2,000 gals. | 0 gals. |
| * Other Flow | 0 gals. | 84,500 gals. | 36,000 gals. | 178,000 gals. | 124,500 gals. | 82,500 gals. |
| CH/Potter | 5,366.79 lbs/solids | 5,475.21 lbs/solids | 2,457.87 lbs/solids | 2,927.34 lbs/solids | 2,764.71 lbs/solids | 4,065.75 lbs/solids |
| Port Matilda | 750.60 lbs/solids | 1,584.60 lbs/solids | 2,034.96 lbs/solids | 1,351.08 lbs/solids | 2,135.04 lbs/solids | 1,251.00 lbs/solids |
| Huston Twp. | 1,434.48 lbs/solids | 0 lbs/solids | 0 lbs/solids | 984.12 lbs/solids | 767.28 lbs/solids | 0 lbs/solids |
| Total Flow | 61,000 gals. | 145,700 gals. | 69,000 gals. | 221,500 gals. | 171,500 gals. | 120,500 gals. |

7.4 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 with no exceptions to our NPDES permit. The 12-month rolling average flow for February was 4.54mgd with the average for the month being 4.52mgd. Please see chart below.



There were no inspections of the treatment facility this month.

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

Plant Maintenance

- Replaced the Effluent Drain Valve on Tertiary Filter #4. The old one will be sent out for repairs.
- The Headworks auger shaft broke and was repaired by Roy Brooks Welding.
- Repaired the Mioxx Units numerous times.
- Temporary wiring repairs were made to the Skimmer Drive #1. Permanent repairs will be made when the weather breaks.
- Staff was recertified in First-aid and CPR.
- Replaced AV-12, AV-1 and AV-15 on MF#1.
- The process air line was repaired on MF#2.
- Repaired the drain line on the polymer tank at Dewatering.
- Replaced a fuel line on the 621E loader and the tires on the Case skid steer.
- Repaired the emergency lighting at Compost.

Reuse Total

Total for 2014-----11,259,000 gallons.
Total for February 2014-----5,714,000 gallons.
Total Reuse Water Distributed to Date-----453,069,600 gallons

7.5 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 – (11) Various locations in Park Forest Village
- (UA) Mainline Cleaning – (34) manholes inspected- (6,408) feet cleaned
- (UA) Mainline Repairs – (1) Galen Drive
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (0)
- (FTA) Lateral Installations – (0)
- (FTA) Lateral Repairs – (0)
- (FTA) Mainline Cleaning – (0) manholes inspected- (0) feet cleaned
- (FTA) Mainline Repairs – (0)
- (FTA) Manhole Repairs – (0)
- (FTA) Manhole Casting Repairs – (0)

We are progressing with the Ghaner #1 lift station rehabilitation project and are approximately 95 % complete. We did also did some equipment maintenance.

(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.

We cleaned wet wells and did some snow plowing. We replaced a pump at the Graysdale 2B station.

Inspection: Final As-builts Approved: None

Mainline Construction:

- a. Liberty Hill, Phase 3 – Construction is approximately 65% complete.

New Connections:

| | | | | | | |
|----|---------------------------|----|----|------------|--------------|-----------|
| a. | Single-Family Residential | 12 | c. | Commercial | 0 | |
| b. | Multi-Family Residential | 15 | d. | Industrial | 0 | |
| | | | | | TOTAL | 27 |

PA One-Calls Responded to 2/1-28/14: **74**

7.6 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.
- Completed field survey of manholes along Atherton Street near Radio Park.

Big Hollow Interceptor Rehabilitation

- Contract 09-4/5/6 Big Hollow Diversion Pump Station (General, Mechanical, Electrical)

Contract Summary (as of March 14, 2014, date of Board Meeting)

| Notice to Proceed | Contract Time ¹ | Substantial Completion ¹ | Time Used | % Used |
|-------------------|----------------------------|-------------------------------------|-----------|--------|
| 2/26/2013 | 321 | 1/13/2014 | 386 | +100% |

¹Contract Time and Substantial Completion Date reflect time extension in accordance with Change Order 4-4.

- Construction Conference No. 12 was held on March 6, 2014 at 10 AM.
- Wet weather Impacts – CMT recommended monitoring of the slab; HRG is surveying several slab spots for monitoring.
- Wet well and dry well piping is nearly complete. Pumps are installed, but not powered.
- Metering manhole installed.
- 36" gravity line installed from concrete channel to station.
- 36" and 20" forcemains installed on south side of I-99.
- CMU building is complete.
- Backfill is nearly complete
- Contractor and Owner mutually agreed to postpone mediation until project completion

- for Engineer’s denial of costs (+\$125,270.46) for flooding.
- Contractor requested time extensions on the basis of
 - o Delays associated with wet weather
 - o Delays associated with permanent power
 - o Delays associated with cold weather
- Permanent power installation scheduled for next week.
- Concrete deck pour completed.
- Testing of wet well revealed cracks leaking to pump room. Contractor to apply an injection chemical grout.
- Gas line on north side of I-99 was located and requires relocation. Agreement with Columbia Gas required.
- Wet well covers are being installed; however alignment issues exist.
- Majority of electrical equipment has been set and is wired.

Contract Changes (Change Orders/Work Change Directives)

The following summarizes the status of all Contract Changes requested, approved, or pending:

| No. | Contractor | Description | Amount | Status |
|---------|------------|---|---------------|-----------|
| CO 4-1 | GC | Delete requirement for obtaining Building Permit. | (\$20,543.11) | Executed |
| CO 4-2 | GC | Additional Code Requirements | 16,818.99 | Executed |
| CO 4-3 | GC | Shorten Factory Pump Cable Lengths | (\$9,135.00) | Executed |
| CO 6-1 | EC | Add Junction Box & Wiring/Upsize main breaker | \$4,492.70 | Executed |
| CO 4-4 | GC | Additional Time for Rain Events | 21 days | Mediation |
| COR 4-2 | GC | Upcharge for window frame color selection | \$875.00 | Rejected |
| COR 4-4 | GC | Additional cost for Rain Events | \$125,270.46 | Rejected |

Applications for Payment

The following Applications for Payment were received and are recommended for approval, as follows:

| Contr. No. | Contract | Contractor | App No. | Amount |
|------------|------------|-----------------|---------|---------------|
| 09-4 | General | Lobar, Inc. | 11 | \$ 97,272.69 |
| 09-5 | Mechanical | Port Vue | 4 | \$ 49,521.82 |
| 09-6 | Electrical | Lepley Electric | 3 | \$ 50,921.46 |
| | | | | \$ 197,715.97 |

Constructed Wetlands

The Amendment of the WQM Permit for the wetland and stream augmentation features has been issued.

Radio Park Interceptor

Finalizing hydraulic model update for the Radio Park Sewershed using survey data collected for manholes at Atherton Street crossing.

Selders Circle Sewer Relocation

Sanitary Sewer design was finalized based on Storm Sewer Improvements designed provided by Ferguson Township. The GP-5 Stream Crossing Permit (w/E&S Plan) and PennDOT HOP were secured. The Sewage Facilities Planning Module has been approved by DEP. The Water Quality Management Permit application has been submitted.

Ghaner Road Pump Station

Construction activities continue with HRG assisting staff with utility coordination (electrical, communication).

7.7 Executive Director's Report

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

Kissinger Meadow Project

The PA Fish and Boat Commission submitted a comment letter to DEP concerning the Kissinger Meadow Project. DEP will not be making any changes to our current permit. A copy of the PAFBC letter was included in the agenda report.

The modeling that was completed for the 316(A) thermal impact study in the late 1990's indicates that more water upstream has positive impacts on the downstream fish population. UAJA will be encouraging PAFBC to use similar detailed modeling to predict the change in the watershed brought about by the Beneficial Reuse Project, including both the additional water in the aquifer resulting from Beneficial Reuse water being used in place of groundwater withdrawal, as well as the direct augmentation of the stream with Beneficial Reuse water.

Slab Cabin Run Class A Trout Stream

A meeting will be held at UAJA March 24th at 1pm to discuss the implications of the designation of Slab Cabin Run as a Class A Trout stream. A list of questions has been submitted to DEP and is the agenda for the meeting. The list of questions is included in the agenda report.

Union Negotiations

This is a union negotiations year. The topics for discussion that are anticipated are the continuation of the cost of living increase and that there wouldn't be an increase in the amount that is paid for health insurance. The new Union president is Tim McFarland. The Board asked that Staff along with the solicitor do the negotiating and bring back to the board for finalization. The board would like it to remain a three year contract.

8. Other Business

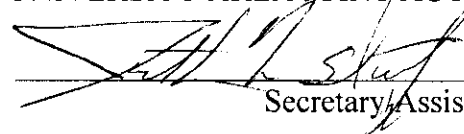
None

9. Adjournment

The meeting was adjourned at 5:00 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY



Secretary/Assistant Secretary