

MINUTES

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

Regular Meeting – January 17, 2007

1. Call to Order

Mr. Schmalz called the regular scheduled meeting of the University Area Joint Authority to order at 4:02 p.m. Wednesday, January 17, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Dietz, Lapinski, McShea, Schmalz, Zeigler, and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Amy Story, Borough of State College; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. 2007 Board Reorganization

Mr. Schmalz turned the meeting over to Mr. Miller to begin the election of officers.

Election of Chairman

A motion was made by Ms. Barnes, seconded by Mr. Dempsey, to elect Mr. Schmalz as Chairman. The nominations were closed with motion by Mr. Coe, seconded by Mr. Zeigler. The motion passed unanimously.

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

**Election of Vice -
Chairman**

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

**Election of Secretary,
Assistant Secretary
and Treasurer**

A motion was made by Mr. Lapinski, seconded by Mrs. Barnes, to elect the positions of Secretary, Assistant Secretary and Treasurer the same as present. The motion passed unanimously.

**Election of Assistant
Treasurer**

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to elect Mr. McShea as Assistant Treasurer. The motion passed unanimously.

**Staff and Advisors
Appointed**

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve the staff and advisors as presented. The motion passed unanimously.

**2007 Meeting Date
Schedule Appointed**

A motion was made by Mr. Zeigler, seconded by Mrs. Barnes, to approve the 2007 Meeting Date Schedule with meetings being held on the 3rd Wednesday of each month beginning at 4:00 p.m. The motion passed unanimously.

4. Reading of the Minutes

4.1 UAJA Regular Meeting – December 20, 2006

The Board considered the UAJA minutes of the Regular Meeting held on December 20, 2006.

**UAJA
December 20, 2006
Meeting Minutes
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Dietz, to approve the minutes of the UAJA Regular Meeting held on December 20, 2006. The motion passed unanimously.

5. Old Business

5.1 Public Records Access Policy Schedule of Fees

Last year UAJA adopted a public records access policy which established fees for providing copies upon request. The UAJA Board requested that the schedule of fees be evaluated and adopted each year at the January meeting. Staff has determined that the existing fees are appropriate. The fees are as follows:

1. Fees for the actual cost of mailing.
2. 12 cents per page for duplication.
3. \$2.00 for official certification if requested.
4. Reasonable fees to cover other types of actual costs such as data conversion, electronic access, etc.
5. Allowable additional actual costs incurred by the Authority which are necessary for complying with the request.

There have been very few opportunities to use this policy.

**Public Records Access
Policy Schedule of Fees
Approved**

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

5.2 Port Matilda, Centre Hall and Huston Township Sludge Receiving Agreement Renewal

UAJA has been accepting sludge from Port Matilda, Centre Hall and Huston Township. Since we have unused capacity in our solids handling system, rather than having it sit idle for years,

the board decided that we should help our neighbor plants as long as it did not cost us money. It has come time to renew the agreements. The current charge is \$2.84/100 gallons and will be re-evaluated in 2007 for a possible increase in 2008.

Port Matilda, Centre Hall and Huston Township Sludge Receiving Agreement Renewal Approved

A motion was made by Mr. Coe, seconded by Mr. McShea, to approve the renewal of the contract with Port Matilda Borough, Centre Hall Borough and Huston Township. Motion passed unanimously.

6. New Business

Right-of-Way Condemnations – Linn Street

Construction will begin in April on the Linn Street backlot sewer rehabilitation. The Authority only holds 10 foot easements above this sewer line. Negotiations will soon be underway to obtain a 20 foot permanent easement and a 40 foot temporary easement for this work. The Authority should take steps to insure that the easements will be available for construction.

Right-of-Way Condemnations – Linn Street Approved

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve steps to condemn the easements for the Linn Street project. The motion passed unanimously.

Repeat Inspection Fee

Service laterals for buildings usually require no more than two inspections. Our permit fee is based on about 1.5 trips. Occasionally, a builder does not follow the specifications repeatedly, and an inspector may have to inspect the same lateral three or more times.

Currently, our trap assembly drawing has a note at the bottom stating that inspections in excess of two may be billed by UAJA. This is not the best place for this notice to be. Staff is proposing to add language to both the Rate resolution and the waiver form (the form signed by the owner at the time of permit issuance that makes them aware that they will be billed for service from the time of connection).

Repeat Inspection Fee Approved

A motion was made by Mr. Lapinski, seconded by Mr. McShea, to approve the following language to the rate resolution under section 1.2 b) Permit Fees: “Re-inspection fee \$50.00 (per inspection trip in excess of two trips)”. Add the following language to the waiver form: “If more than two inspection trips are required because the lateral repeatedly fails inspection, a \$50.00 fee shall be charged per inspection trip in excess of two per Rate Resolution section 1.2 b).” The motion passed unanimously.

6.3 Requisitions

Const. Fund Stage 6-276	HRG-Record Drawings	\$2,299.50
Const. Fund Stage 6-277	HRG-Op/Maint. Manual	\$4,402.50
Const. Fund Stage 6-278	Roy Brooks Welding, Inc.	\$1,285.00

**Construction –
Requisitions
Approved**

A motion was made by Mr. Coe, seconded by Mr. McShea, to approve the Construction Requisitions 6-276 to 6-278. Motion passed unanimously.

05 Const. Fund-Req. #31	HRG-CM	\$7,801.92
05 Const. Fund-Req. #32	Kukurin – PS#1	\$29,675.42

**Construction –
Requisitions
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve the 05 Construction Requisitions #31 & 32. Motion passed unanimously.

Revenue Fund	Req. #90	\$1,000,000.00
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**Revenue Fund
Requisition
Approved**

A motion was made by Mr. McShea, seconded by Mr. Zeigler, to approve the Revenue Fund Requisition # 90. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending December 2006 was presented to the Board for their review.

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. This was an informational item only, no action required.

Compost operations since our last meeting have been normal. In the month of December, UAJA produced 1,274 cubic yards of compost and marketed 749 cubic yards of compost. The total production of compost for 2006 was 16,194 cubic yards. As of January 1, UAJA had 3,444 cubic yards of compost available for immediate sale. As of January 1, the total amount of compost in the storage building was 4,718 cubic yards; this figure is comprised of compost

that is curing as well as that which has completed the curing process. The storage building has a total capacity of 6,000 cubic yards.

The compost staff performed routine housekeeping items as well as operating the compost facility. The UAJA maintenance staff replaced the drive belts in MAU-1304 (compost make up air system). The maintenance staff also loosened compacted base material in compost bay #3 to prevent blower shut downs. There were no DEP inspections of the compost facility during the month of December.

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of December was as follows:

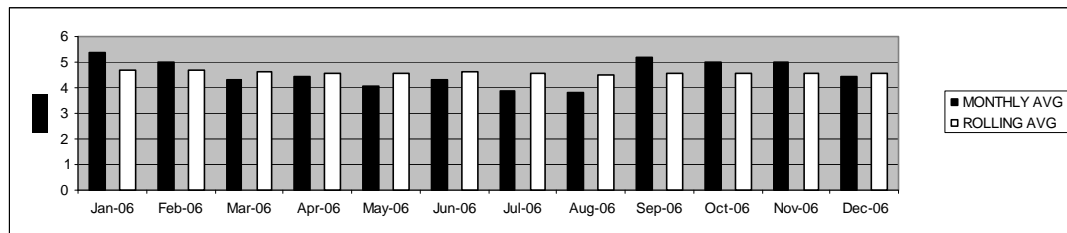
<u>Residential/Commercial Septage-</u>	11,750 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	33,600 gallons
<u>Port Matilda Treatment Plant-</u>	18,000 gallons
<u>Huston Township Treatment Plant-</u>	6,000 gallons

7.3 Plant Superintendent’s Report

The following comments are as presented to the Board in the written report prepared by Arthur Brant, Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for December was 4.57mgd with the average for the month being 4.42mgd. Please see chart below.



There were no inspections of the treatment facility this month.

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

Plant Maintenance

- The thermostats were replaced in the AWT Bldg. This should reduce the gas consumption by having the ability to lower the set points on the thermostats.
- The check valve on the Backwash Return line was replaced to help keep the pumps from going air-bound.
- The installation of the line and feed pumps for the Carbon Addition System was completed. We are awaiting a flow pace card and chemical to start this pilot project.

- Headworks heaters HW-1 and HW-2 have failed completely. These units will be returned to the factory for repair. Insurance claims have been filed for the repair and/or replacement of these units. A salamander heater is currently being used to heat the building until these units are re-installed.
- A new snow plow was purchased and installed on the '01 Chevy. A new battery was also installed.
- We are having issues with the drive springs constantly breaking on the Alum Feed Pumps. We are working with the factory to determine the cause and have sent the springs back to the factory for analysis.
- The drive belt was replaced Centrifuge Feed Pump #1.
- The heating elements were replaced in the hot water heater in the Dewatering Facility.
- The water solenoid in the supply line for HP-2 was repaired and the compressor thermistor was replaced.

These items were completed along with preventative maintenance around the entire plant.

7.4 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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

(UA) Lateral Installations – (0)

(UA) Lateral Repairs – (0)

(UA) Mainline Cleaning – (31) manholes inspected- 6,310 feet cleaned)

(UA) Mainline Repairs – (0)

(UA) Manhole Repairs – (0)

(UA) Manhole Casting Repairs – (0)

(FTA) Lateral Installations – (0)

(FTA) Lateral Repairs – (0)

(FTA) Mainline Cleaning – (24) manholes inspected- 4,557 feet cleaned)

(FTA) Mainline Repairs – (0)

(FTA) Manhole Repairs – (0)

(FTA) Manhole Casting Repairs – (0)

We did some vehicle and equipment maintenance. We are continuing to brush out Interceptor R.O.W.'s

I/I INSPECTION: (A)(We TV'd 0ua/0 fta feet of mainline and inspected 0 ua/0 fta MH's .)
(B)Tested/Grouted – (0uaMH/0ftaMH + 0/0ua/fta Jts) (0ua/Gal. of grout used). Estimated I/I-flow decreased (0). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We replaced the pump oil at the remaining stations to complete that P-M project.

We also cleaned all of the wet wells with the jet truck, to remove the grease ring and debris build-up.

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Wooded Hills – We are reviewing A-B’s.
- b. WR Hickey Relocation – We are reviewing A-B’s.
- c. 2121 E. College Ave. – Construction is complete. We are awaiting A-B’s.
- d. Oakwood Centre – We are reviewing A-B’s.
- e. Wambold Replot – Construction is approximately 90% complete.
- f. Valley Vista Park 3D – Construction is approximately 65% complete.

New Connections:

a.	Single-Family Residential	9	c.	Commercial	0
b.	Multi-Family Residential	5	d.	Industrial	0
					TOTAL 14

7.5 Engineer’s Report

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

Beneficial Reuse

Stage 6 Additions and Modifications Construction Phase

We continue to perform Construction Administrative functions for the project including responding to problems, and verifying the completion of punchlist items.

A summary of the contracts for the Stage 6 Additions and Modifications are as follows:

Contr. No.	Contract	Contractor	Punchlist Items Rem	Closeout Docs Rec’d	Retainage
02-1	General Construction	Allan A. Myers, LP	1	No	\$ 338,837.00

HRG will provide an update on the status of Contract 02-1, recommended Change Order #1-28 for the reimbursement of Owner Corrected Items, and RO Membrane Replacement.

Stage 8 Additions and Modifications Design Phase (Transmission Main Phase IA)

We have received comments from PENNDOT on the Traffic Control Plan and Highway Occupancy Permit for State Route 26 and are responding to finalize the permit.

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (January 11, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	6/1/07	141
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	6/1/07	141
06-6	Transmission Main IA	Robert P. Lepley Electric	11/9/06	6/1/07	141

Contract 06-4 Transmission Main IA

- Pipe to arrive week of January 8th
- Pipe crew to start work the week of January 15th
- Boring Crews to start work the week of January 22nd at Centre Concrete crossings

- Directional drilling to start the week of January 22nd for the stream crossing at Spring Creek

Contract 06-5 Centre Hills Booster Pump Station General Construction

- Access Road has been installed
- Preliminary excavation and topsoil stripping completed
- Concrete foundation work to begin week of January 15th

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Submittal work underway
- In slab electrical conduit to be completed with concrete operations the week of January 15th

Construction Issues

HRG and UAJA have provided notice to Sheetz, Inc. under the terms of the Agreement that Construction Operations are beginning in the vicinity of Store #150. UAJA will be meeting with Sheetz in the coming weeks to discuss the recommended change order for disposal of the material.

Change Orders/Work Change Directives

None

Applications for Payment (All Projects):

One Application for Payment is presented tonight for Authority review and approval. Kukurin Contracting, Inc. has submitted Payment Application #1 for mobilization and project administration in the amount of \$29,675.42. HRG recommends approval of Payment Application #1.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Balance of Contract Amount
06-5	1	\$29,675.42	\$1,013,013.00	\$32,978.25	3%	\$980,034.75

Electronic Operations and Maintenance Manual

Work is continuing on the draft Operations and Maintenance Manual and UAJA staff will be providing direction on visual and use of the web page.

Stage 6 and Stage 7 Record Drawings

HRG is providing draft record drawings for staff review for the following structures:

- Headworks
- Primary Clarifiers
- Aeration Tanks
- Secondary Clarifiers
- Site Improvements

HRG will be assisting the staff in review of the documents and field verification of items. Additionally, HRG has completed scanning of all previous record drawing sets for Authority use.

Scott Road Pump Station Improvements

We are awaiting comments on the Water Quality Management Permit Application and are preparing the final bid sets. Upon receipt of the approved Water Quality Management Permit, HRG will prepare the project for authorization for advertisement and bidding.

Energy Production Feasibility Study

Work is ongoing on the Energy Production Feasibility Study and we continue to work with staff for possible grant opportunities.

Circleville Road - Blue Course Drive Wastewater Feasibility Study

HRG is continuing to work on the Feasibility Study for the construction of a Scalping Plant and other alternatives for the Circleville Road – Blue Course Drive portion of Ferguson Township. HRG anticipates a presentation to the Board in February 2007 of the preliminary findings.

Carbon Addition Pilot Testing and Feasibility Study

HRG is providing assistance on the Carbon Addition Pilot Testing and will prepare a Feasibility Study based upon the results of the pilot testing to recommend full scale implementation. Current activities include assistance in chemical selection and pricing and SCADA programming and equipment procurement.

NPDES Permit Renewal and Modifications

HRG is providing as-needed support on the proposed modifications to the NPDES permit for Phosphorus and other items as appropriate.

Bond Issue Support

HRG has provided limited support for the refinancing of the 1993 bond issuance and these tasks included the preparation and execution of an Engineer's Certificate and review of Authority finances.

Big Hollow Interceptor Rehabilitation

As detailed in the recently adopted Centre Region Act 537 Plan, it is believed that the Big Hollow Interceptor is nearing its maximum capacity in several segments and is projected to be severely overloaded as the region continues to grow. The recommended solution within the Act 537 Plan is the construction of parallel relief sewers in certain segments to expand capacity, while preserving existing portion that can adequately meet the projected flows.

HRG has reviewed the area of the proposed improvements and has concerns over the utilization of conventional surveying techniques for the preparation of topographical information for future designs. The area of the Big Hollow Interceptor is densely forested and the orientation of the topography limits aerial surveying to effectively two months of the year (March/April) if accurate basemapping is to be produced. If the Authority is desirous of beginning design efforts on the Big Hollow Interceptor project in 2007, HRG would recommend that an aerial flight and survey be completed during March or April 2007. As development and earth moving operations in this area are non-existent, the topographical survey would not be invalidated for many years to come.

Western Patton Township Flow Study and Basis of Design

As the area around and including the proposed Geisinger Medical Complex is developed, significant pressure will be placed on four (4) of the Authority's pump stations that convey

flow from the area of Ghaner Road through Douglas Drive in Patton Township. The proposed developments will require these stations to be upgraded and replaced, however, the current tapping fee structure does not include these prospective capital projects. In discussions with Authority Staff, it is recommended that a Basis of Design be completed for the proposed upgrade of the four (4) stations, including detailed construction cost estimates. With documented costs and proposed upgrades, the Authority can impose a special purpose tapping fee to recover costs and prepare for the significant capital outlays. HRG proposes to complete a study to develop the Basis of Design for each of the four pump stations, including projected average daily flows and peak daily flows and required capital improvements. The report will also include the basis and justification for the modification of the Authority's Act 57 Study. HRG estimates the total cost of the report and modifications to the Act 5

PLAN REVIEWS

Project Name	Design /As-Built	Status
WR Hickey	As-Built	Recommend Approval
Geisinger Medical Clinic	Design	Comments to Developer
Elksview Townhomes	Design	Recommend Approval
Oakwood Centre	As-Built	Recommend Approval
Wooded Hills	As-Built	Comments to Developer
Liberty Hill Phase 2	Design	Comments to Developer
Innovation Park Phase B-1 South	Design	Comments to Developer

7.6 Executive Director's Report

Sewage Management Task Force

A public meeting of the Sewage Management and Treatment Task Force is scheduled for February 8th at the Penn Stater Conference Center. The meeting will start at 10 am. After lunch the task force will tour UAJA. The task force is a legislative committee created to evaluate wastewater issues. This meeting will focus on funding options for treatment facilities.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:30 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN A. DEMPSEY
Secretary

MINUTES

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

Regular Meeting – February 21, 2007

1. Call to Order

Due to a lack of quorum, Mr. Lapinski called the scheduled meeting of the University Area Joint Authority to order at 4:04 p.m. Wednesday, February 21, 2007 as a work session. The work session was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Lapinski, McShea and Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Jason Brown, Project Manager; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Richard Campbell, Solicitor; Eric Vorwald and Susan Krosunger, Centre Region Planning Agency; Janet Sulzer, Centre Regional Planning Liaison; and Kathy Wheeler, Recording Secretary.

3. Public Comment

3.1 Beneficial Reuse Project – Marketing Materials

The 2006 work program for the Centre Regional Planning Agency (CRPA) includes a cooperative effort with the Centre County Planning and Community Development Office to attract businesses to the community that may use the beneficial reuse water being produced by the University Area Joint Authority. During the past several months, CRPA and County Planning staffs have worked with the Technical Advisory Committee (TAC) to develop marketing materials for this effort.

The final materials have been printed and are ready for distribution to potential end users of the ultra pure water. A copy was included in the meeting packet. Mr. Eric Vorwald with the Centre Regional Planning Agency provided an overview of the materials and information on the next steps for the TAC including distribution of the materials and website development.

4. Reports of Officers

4.1 Financial Report

The Financial Report for the period ending January 2007 was presented to the Board for their review.

4.2 Chairman's Report

No report.

4.3 Compost & Septage Operations Report

The following comments are as presented to the Board in the written report prepared by Jason Brown, Project Manager. This was an informational item only, no action required.

Compost operations since our last meeting have been normal. In the month of January, UAJA produced 1,385 cubic yards of compost and marketed 524 cubic yards of compost. The total production of compost for the year so far, as of January 31, is 1,385 cubic yards. As of February 1, UAJA had 4,197 cubic yards of compost available for immediate sale. As of

February 1, the total amount of compost in the storage building was 5,582 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process. The storage building has a total capacity of 6,000 cubic yards.

The compost staff performed routine housekeeping items as well as operating the compost facility. The UAJA maintenance staff replaced a broken drive chain on the mixing unit in the compost facility. The maintenance staff also replaced two rollers in the vertical conveyor as well as replacing various parts in the street sweeper and the CAT skid steer.

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of January was as follows:

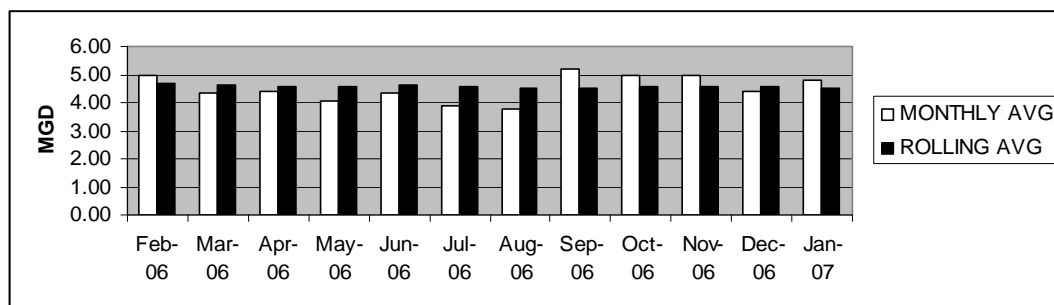
<u>Residential/Commercial Septage-</u>	25,100 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	33,600 gallons
<u>Port Matilda Treatment Plant-</u>	14,000 gallons
<u>Huston Township Treatment Plant-</u>	6,000 gallons

4.4 Plant Superintendent's Report

The following comments are as presented to the Board in the written report prepared by Arthur Brant, Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for January was 4.52mgd with the average for the month being 4.82mgd. Please see chart below.



There were no inspections of the treatment facility this month.

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

Plant Maintenance

- Three thermostats were replaced in the Collection System Maintenance Garage.
- Five lamps were replaced in the U.V. System at the effluent outfall.
- A visual/audible alarm was installed on the potassium acetate storage tank.

- HRG has begun programming the carbon feed pumps for flow paced operation. Think Logic will complete the programming of the pumps in the near future.
- The level transducer was replaced in Tank #5. Tank #4 also needs the transducer replaced but will have to wait to be cleaned first. This is being scheduled with the Collection System Crew for the use of Big Red.
- Roy Brooks Welding made the plumbing modifications to the RO Unit.
- The Maintenance Crew assisted in the installation of the new membranes.
- C.H. Reed was here to inspect the Primary air compressors. The oil separator, thermostatic valve, and pressure switches were replaced in #1 compressor and the LAT dryer sensor was replaced in #2 air compressor.
- Installed electrical outlets in the AWT Bldg. to be used by the small CMF units and the new chemical feed pumps for the RO unit.
- The RO unit is now up and running and seems to be stabilized. The “normalization” program is being utilized and we are “cautiously optimistic” about the data being recorded.

These items were completed along with preventative maintenance around the entire plant.

4.5 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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

- (UA) Lateral Installations – (0)
- (UA) Lateral Repairs – (1) 748 Cornwall Rd.
- (UA) Mainline Cleaning – (120) manholes inspected- 22,112 feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (0)
- (FTA) Lateral Installations – (0)
- (FTA) Lateral Repairs – (0)
- (FTA) Mainline Cleaning – (12) manholes inspected- 2,226 feet cleaned)
- (FTA) Mainline Repairs – (0)
- (FTA) Manhole Repairs – (0)
- (FTA) Manhole Casting Repairs – (0)

We did some vehicle and equipment maintenance. We are continuing to brush out Interceptor R.O.W.’s. We had openers installed on the big garage doors and did general building cleanup.

I/I INSPECTION: (A) (We TV’d 3,856ua/418 fta feet of mainline and inspected 28 ua/3 fta MH’s .) (B) Tested/Grouted – (0uaMH/0ftaMH + 0/0ua/fta Jts) (0ua/Gal. of grout used). Estimated I/I-flow decreased (0). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We installed the new shaft on the Ebara pump (previously discussed) at the Ferguson/Scott Rd. station. We replaced the level controller at the Fox Hill Rd. station. We installed a new flow meter at the South metering station. We installed a new phase monitor at the Harris Dr. station.

INSPECTION: Provisional As-builts Approved: Wooded Hills, WR Hickey Relocation, Oakwood Centre

Mainline Construction:

- a. 2121 E. College Ave. – Construction is complete. We are reviewing A-B’s.
- b. Wambold Replot – Construction is approximately 99% complete.
- c. Valley Vista Park 3D – Construction is approximately 99% complete.

New Connections:

a.	Single-Family Residential	18	c.	Commercial	3
b.	Multi-Family Residential	2	d.	Industrial	0
					TOTAL 23

4.6 Engineer’s Report

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

Beneficial Reuse

Stage 6 Additions and Modifications Construction Phase

UAJA has received the replacement membranes for the Reverse Osmosis system under Contract 02-1 and all remaining punchlist items have been completed to facilitate contract closeout. As UAJA has completed numerous items for closeout, Change Order #1-28 has been prepared to withhold the funds that were expended in the amount of \$68,914.79. A copy of the draft Change Order is attached for Board review. HRG recommends action on Change Order #1-28.

If Change Order #1-28 is passed, the final Application for Payment can be executed to closeout Contract 02-1: General Construction. The amount of Payment Application #40 is \$269,922.21, including the deduct from Change Order #1-28. HRG recommends execution of Payment Application #40 pending receipt of suitable closeout documents from Allan A. Myers, LP.

For Contract 02-3, HRG and UAJA received correspondence from G.M. McCrossin, Inc. (attached) regarding the disposition of the remaining funds on the contract. Our response is attached for your reference.

Stage 8 Additions and Modifications Design Phase (Transmission Main Phase IA)

We have received comments from PENNDOT on the Traffic Control Plan and Highway Occupancy Permit for State Route 26 and are responding to finalize the permit.

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (January 11, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	6/1/07	106
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	6/1/07	106
06-6	Transmission Main IA	Robert P. Lepley Electric	11/9/06	6/1/07	106

Contract 06-4 Transmission Main IA

- Transmission Main has been constructed and tested from the connection to Phase I (at corner of Struble and First Ave) to the Centre Concrete Plant.
- Boring Crews are continuing to work at the Centre Concrete crossings
- Directional Drilling has begun on SR 322. A pilot hole has been completed for one of the two lines and backreaming is to begin shortly. Based upon conversations with the Contractor, there remains at least 8 weeks of work on the SR 322 crossings.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- Concrete Foundation inspections have been completed and Concrete pours to begin week of February 19th.
- Work under Change Order at the Treatment Plant has been 75% completed.
- Submittal work continues.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Submittal work underway

Construction Issues

None at this time to report

Change Orders/Work Change Directives

Two Change Orders have been prepared for Contracts 06-4 and 06-5. The first, Change Order #04-1, is for completion of modifications to the AWT Building to facilitate ease of operation and enhanced cleaning efficiency. The total amount of the Change Order is \$15,064.79. HRG did secure pricing from another contractor and this amount was approximately \$6,000 less. The second Change Order is for Contract 06-5 and is in the amount of deductive \$30,000. This change order #05-1 is for the removal of duplicate equipment from Contract 06-5 that is already provided under Contract 06-6. Kukurin Contracting, Inc. noted the discrepancy in their bid and notified HRG shortly after bids were received. HRG recommends execution of Change Order #04-1 and #05-1.

Applications for Payment (All Projects):

One Application for Payment is presented tonight for Authority review and approval. Kukurin Contracting, Inc. has submitted Payment Application #1 for mobilization and project administration in the amount of \$29,675.42. HRG recommends approval of Payment Application #1.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Balance of Contract Amount
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Electronic Operations and Maintenance Manual

Work is continuing on the draft Operations and Maintenance Manual and UAJA staff will be providing direction on visual and use of the web page.

Stage 6 and Stage 7 Record Drawings

HRG is providing draft record drawings for staff review for the following structures:

- Headworks
- Primary Clarifiers
- Aeration Tanks
- Secondary Clarifiers
- Site Improvements

HRG will be assisting the staff in review of the documents and field verification of items. Additionally, HRG has completed scanning of all previous record drawing sets for Authority use.

Scott Road Pump Station Improvements

We are awaiting comments on the Water Quality Management Permit Application and are preparing the final bid sets. Upon receipt of the approved Water Quality Management Permit, HRG will prepare the project for authorization for advertisement and bidding.

Energy Production Feasibility Study

Work is ongoing on the Energy Production Feasibility Study and we continue to work with staff for possible grant opportunities.

Circleville Road - Blue Course Drive Wastewater Feasibility Study

HRG is continuing to work on the Feasibility Study for the construction of a Scalping Plant and other alternatives for the Circleville Road – Blue Course Drive portion of Ferguson Township. In conversation with Authority Staff, a PMT meeting will be scheduled for March to review the draft findings to-date.

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HRG is providing assistance on the Carbon Addition Pilot Testing and will prepare a Feasibility Study based upon the results of the pilot testing to recommend full scale implementation. Current activities include assistance in chemical selection and pricing and SCADA programming and equipment procurement.

NPDES Permit Renewal and Modifications

HRG is providing as-needed support on the proposed modifications to the NPDES permit for Phosphorus and other items as appropriate. A draft comment letter is being prepared and HRG has completed a file review of the DEP files on UAJA's discharge and others within the Spring Creek watershed.

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HRG has reviewed the area of the proposed improvements and has concerns over the utilization of conventional surveying techniques for the preparation of topographical information for future designs. The area of the Big Hollow Interceptor is densely forested and the orientation of the topography limits aerial surveying to effectively two months of the year (March/April) if accurate basemapping is to be produced. If the Authority is desirous of beginning design efforts on the Big Hollow Interceptor project in 2007, HRG would recommend that an aerial flight and survey be completed during March or April 2007. HRG has prepared a draft proposal for the aerial and topographic survey in the amount of \$42,000.

Western Patton Township Flow Study and Basis of Design

HRG has begun preparation of the sanitary sewer model for the Western Patton Township Flow Study and will be preparing a summary report for Authority review on the projected flows and pumping station capacities

PLAN REVIEWS

Project Name	Design /As-Built	Status
Geisinger Medical Clinic	Design	Recommend Approval
Wooded Hills	As-Built	Recommend Approval
Liberty Hill Phase 2	Design	Recommend Approval
Innovation Park Phase B-1 South	Design	Comments to Developer
Wambold Subdivision	As-Built	Comments to Developer
2121 E.College Ave.	As-Built	Recommend Approval
Lot #26 Laurel Hills Subdivision	Design	Under Review
Valley Vista Park Ph. 3D	As-Built	Under Review

4.7 Executive Director's Report HVAC Contract with G.M. McCrossin

HRG received a letter from G.M. McCrossin regarding the close-out of their contract by UAJA for the HVAC work in our recent upgrade and expansion. A copy of this letter was provided in your packets. The letter indicates that G.M. McCrossin believes that the Authority owes them money. Staff feels that the contract provisions are clear and that McCrossin is not owed money, in fact, McCrossin owes UAJA \$5,138.04 as was specified in our letter to McCrossin of January 8, 2007. HRG sent McCrossin a letter in response. It is also included in your packet

5. Adjournment

The work session was adjourned at 5:20 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

DAVID COE
Assistant Secretary

MINUTES

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

Emergency Meeting – March 1, 2007

1. Call to Order

Mr. Dempsey called the emergency meeting of the University Area Joint Authority to order at 1:30 p.m. Thursday, March 1, 2007. The meeting was held in the Conference Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Spak were present along with Mr. Lapinski and Mr. McShea via cell phone. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Dick Lahr, Collection System Superintendent; Jason Wert, HRG; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Approval of the Minutes

3.1 Regular Meeting – January 17, 2007

The Board considered the UAJA minutes of the Regular Meeting held on January 17, 2007.

**UAJA
January 17, 2007
Meeting Minutes
Approved**

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve the minutes of the UAJA Regular Meeting held on January 17, 2007. The motion passed unanimously.

4. Public Comment Period

4.1 Items not on the Agenda

5. Old Business

5.1 Final Design – Innovation Park Phase B1 South

Final design drawings for the Innovation Park Phase B1 South sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 34 EDU's of commercial/office development. The review comments have been addressed for the sewer system.

**Final Design-
Innovation Park Phase
B1 South
Approved**

A motion was made by Mr. DeWolfe, seconded by Mr. Coe, to approve the Final Design-Innovation Park Phase B1 South. Motion passed unanimously.

5.2 Final Design – Liberty Hill Phase 2

Final design drawings for the Liberty Hill Phase 2 sewer extension (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 134 EDU's in a mixture of single family and duplex homes. The review comments have been addressed for the sewer system.

**Final Design-Liberty
Hill Phase 2
Approved**

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve the Final Design-Liberty Hills Phase 2. Motion passed unanimously.

5.3 Final Design – Elksview Townhomes

Final design drawings for the Elksview Townhomes sewer extension (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 50 EDU's of multi-family homes. The review comments have been addressed for the sewer system.

**Final Design-Elksview
Townhomes
Approved**

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve the Final Design-Elksview Townhomes. Motion passed unanimously.

6. New Business

Authorization to use 93 BRIF to Reimburse 05 Construction Fund and Close-out the 01 Bond Issue

There is a shortage of approximately \$57,011.93 in the 01 Bond Issue in order to Close-Out all the construction contracts associated with the Stage 6 & 7 project. In addition to that, there is \$3,577 left to be paid on the HRG – Record Drawings contract and \$41,325 left to be paid on the HRG – Operations/Maintenance Manual contract. This results in an approximate shortfall of \$101,913.93. Staff proposes to utilize the 93 Bond Redemption and Improvement Fund to make up this estimated shortfall.

**Authorization to use 93
BRIF
Approved**

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to authorize staff to use the 93 Bond Redemption and Improvement Fund to make up any shortfall needed to Close-Out the contracts noted. Motion passed unanimously.

Employee Health Insurance

Each year in April UAJA's employee health insurance contract expires. In anticipation of this event, and at the suggestion of AFSCME and our Health Care Cost Containment Committee, UAJA had an insurance broker, Logical Planning Solutions, solicit quotes on our behalf. Quotes were obtained from many insurance providers. The top three were Highmark, Geisinger, and Health America. A comparison is included in the agenda packet.

While Geisinger was slightly less costly than Highmark, the network is not as large, and does not include the Hershey Medical Center. In addition, the emergency room copay is significantly higher.

A meeting with the employees was held February 16th. The Union will meet February 21st. Unless there are significant issues that can't be overcome, UAJA should accept the Highmark PPO Blue plan.

**Highmark PPO Blue
Plan Approved**

A motion was made by Mr. DeWolfe, seconded by Mr. Coe, to approve the Highmark PPO Blue Plan as long as it doesn't impact the Union Contract. Motion passed unanimously.

6.3 Requisitions

Const. Fund Stage 6-279	Miller, Kistler & Campbell	\$1,426.25
Const. Fund Stage 6-280	HRG-Record Drawings	\$1,200.50
Const. Fund Stage 6-281	HRG-Op/Maint. Manual	\$7,102.50

**Requisitions
Approved**

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve the Requisitions 6-279 to 6-281. Motion passed unanimously.

Change Order 1-28 Final Closeout

Change Order 1-28 was prepared to withhold the funds that were expended in the amount of \$68,914.79 to closeout Contract 02-1 with Allan A. Myers, LP.

**Change Order 1-28
Approved**

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve the Change Order 1-28. Motion passed unanimously.

Change Order #04-1

Change Order #04-1, is for completion of modifications to the AWT Building to facilitate ease of operation and enhanced cleaning efficiency. The total amount of the Change Order is \$15,064.79. HRG did secure pricing from another contractor and this amount was approximately \$6,000 less.

**Change Order #04-1
Approved**

A motion was made by Mr. DeWolfe, seconded by Mr. Coe, to approve the Change Order 04-1 contingent on that Nalco would certify that they have examined the MF permeate quality and that they have confidence that use of the MF permeate in conjunction with the Nalco RO cleaning chemicals for this purpose would not present problems for the RO membranes. Motion passed unanimously.

Const. Fund Stage 6-282	Myers #40 (FINAL CLOSE OUT)	\$269,895.21
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Requisition Approved

A motion was made by Mr. DeWolfe, seconded by Mr. Coe, to approve the Requisition 6-282. Motion passed unanimously.

05 Const. Fund-Req. #33	Kukurin – PS #2	\$88,389.82
05 Const. Fund-Req. #34	D & M - #1	\$369,536.50
05 Const. Fund-Req. #35	HRG – Construction Mgmt.	\$11,900.55
05 Const. Fund-Req. #36	Reager & Adler	\$380.00

Requisition Approved

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve the Requisitions 34-36. Motion passed unanimously.

Revenue Fund #91	Operation, Maintenance & Debt Service	\$1,000,000
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Requisition Approved

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve the Requisition # 91 in the amount of \$1,000,000. Motion passed unanimously.

7. Adjournment

The meeting was adjourned at 2:10 p.m.

Respectfully submitted,
UNIVERSITY AREA JOINT AUTHORITY

DAVID COE
Assistant Secretary

MINUTES

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

Regular Meeting – March 21, 2007

1. Call to Order

Mr. Schmalz called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, March 21, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Lapinski, McShea and Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Jason Brown, Project Manager; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Richard Campbell, Solicitor; Eric Vorwald and Susan Krosunger, Centre Region Planning Agency; Janet Sulzer, Centre Regional Planning Liaison; and Kathy Wheeler, Recording Secretary.

3. Public Comment

3.1 Beneficial Reuse Project – Marketing Materials

The 2006 work program for the Centre Regional Planning Agency (CRPA) includes a cooperative effort with the Centre County Planning and Community Development Office to attract businesses to the community that may use the beneficial reuse water being produced by the University Area Joint Authority. During the past several months, CRPA and County Planning staffs have worked with the Technical Advisory Committee (TAC) to develop marketing materials for this effort.

The final materials have been printed and are ready for distribution to potential end users of the ultra pure water. A copy was included in the meeting packet. Mr. Eric Vorwald with the Centre Regional Planning Agency provided an overview of the materials and information on the next steps for the TAC including distribution of the materials and website development.

4. Reports of Officers

4.1 Financial Report

The Financial Report for the period ending February 2007 was presented to the Board for their review.

4.2 Chairman's Report

No report.

4.3 Compost & Septage Operations Report

The following comments are as presented to the Board in the written report prepared by Jason Brown, Project Manager. This was an informational item only, no action required.

Compost operations since our last meeting have been normal. In the month of January, UAJA produced 1,385 cubic yards of compost and marketed 524 cubic yards of compost. The total production of compost for the year so far, as of January 31, is 1,385 cubic yards. As of February 1, UAJA had 4,197 cubic yards of compost available for immediate sale. As of February 1, the total amount of compost in the storage building was 5,582 cubic yards; this

figure is comprised of compost that is curing as well as that which has completed the curing process. The storage building has a total capacity of 6,000 cubic yards.

The compost staff performed routine housekeeping items as well as operating the compost facility. The UAJA maintenance staff replaced a broken drive chain on the mixing unit in the compost facility. The maintenance staff also replaced two rollers in the vertical conveyor as well as replacing various parts in the street sweeper and the CAT skid steer.

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of January was as follows:

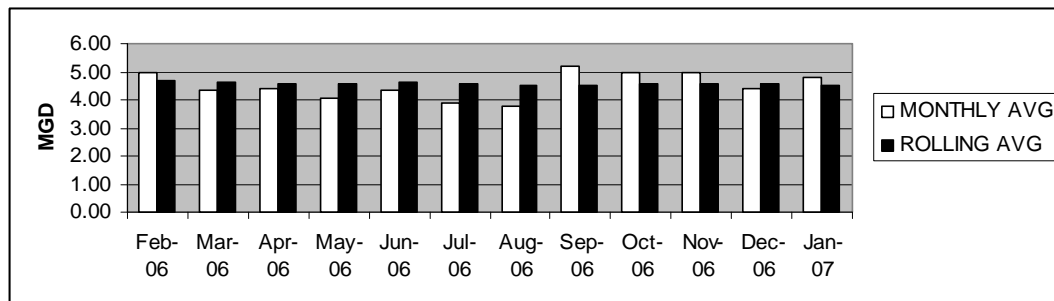
<u>Residential/Commercial Septage-</u>	25,100 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	33,600 gallons
<u>Port Matilda Treatment Plant-</u>	14,000 gallons
<u>Huston Township Treatment Plant-</u>	6,000 gallons

4.4 Plant Superintendent’s Report

The following comments are as presented to the Board in the written report prepared by Arthur Brant, Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for January was 4.52mgd with the average for the month being 4.82mgd. Please see chart below.



There were no inspections of the treatment facility this month.

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

Plant Maintenance

- Three thermostats were replaced in the Collection System Maintenance Garage.
- Five lamps were replaced in the U.V. System at the effluent outfall.
- A visual/audible alarm was installed on the potassium acetate storage tank.

- HRG has begun programming the carbon feed pumps for flow paced operation. Think Logic will complete the programming of the pumps in the near future.
- The level transducer was replaced in Tank #5. Tank #4 also needs the transducer replaced but will have to wait to be cleaned first. This is being scheduled with the Collection System Crew for the use of Big Red.
- Roy Brooks Welding made the plumbing modifications to the RO Unit.
- The Maintenance Crew assisted in the installation of the new membranes.
- C.H. Reed was here to inspect the Primary air compressors. The oil separator, thermostatic valve, and pressure switches were replaced in #1 compressor and the LAT dryer sensor was replaced in #2 air compressor.
- Installed electrical outlets in the AWT Bldg. to be used by the small CMF units and the new chemical feed pumps for the RO unit.
- The RO unit is now up and running and seems to be stabilized. The “normalization” program is being utilized and we are “cautiously optimistic” about the data being recorded.

These items were completed along with preventative maintenance around the entire plant.

4.5 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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

- (UA) Lateral Installations – (0)
- (UA) Lateral Repairs – (1) 748 Cornwall Rd.
- (UA) Mainline Cleaning – (120) manholes inspected- 22,112 feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (0)
- (FTA) Lateral Installations – (0)
- (FTA) Lateral Repairs – (0)
- (FTA) Mainline Cleaning – (12) manholes inspected- 2,226 feet cleaned)
- (FTA) Mainline Repairs – (0)
- (FTA) Manhole Repairs – (0)
- (FTA) Manhole Casting Repairs – (0)

We did some vehicle and equipment maintenance. We are continuing to brush out Interceptor R.O.W.’s. We had openers installed on the big garage doors and did general building cleanup.

I/I INSPECTION: (A) (We TV’d 3,856ua/418 fta feet of mainline and inspected 28 ua/3 fta MH’s .) (B)Tested/Grouted – (0uaMH/0ftaMH + 0/0ua/fta Jts) (0ua/Gal. of grout used). Estimated I/I-flow decreased (0). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We installed the new shaft on the Ebara pump (previously discussed) at the Ferguson/Scott Rd. station. We replaced the level controller at the Fox Hill Rd. station. We installed a new flow meter at the South metering station. We installed a new phase monitor at the Harris Dr. station.

INSPECTION: Provisional As-builts Approved: Wooded Hills, WR Hickey Relocation, Oakwood Centre

Mainline Construction:

- a. 2121 E. College Ave. – Construction is complete. We are reviewing A-B’s.
- b. Wambold Replot – Construction is approximately 99% complete.
- c. Valley Vista Park 3D – Construction is approximately 99% complete.

New Connections:

a.	Single-Family Residential	18	c.	Commercial	3
b.	Multi-Family Residential	2	d.	Industrial	0
					TOTAL 23

4.6 Engineer’s Report

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

Beneficial Reuse

Stage 6 Additions and Modifications Construction Phase

UAJA has received the replacement membranes for the Reverse Osmosis system under Contract 02-1 and all remaining punchlist items have been completed to facilitate contract closeout. As UAJA has completed numerous items for closeout, Change Order #1-28 has been prepared to withhold the funds that were expended in the amount of \$68,914.79. A copy of the draft Change Order is attached for Board review. HRG recommends action on Change Order #1-28.

If Change Order #1-28 is passed, the final Application for Payment can be executed to closeout Contract 02-1: General Construction. The amount of Payment Application #40 is \$269,922.21, including the deduct from Change Order #1-28. HRG recommends execution of Payment Application #40 pending receipt of suitable closeout documents from Allan A. Myers, LP.

For Contract 02-3, HRG and UAJA received correspondence from G.M. McCrossin, Inc. (attached) regarding the disposition of the remaining funds on the contract. Our response is attached for your reference.

Stage 8 Additions and Modifications Design Phase (Transmission Main Phase IA)

We have received comments from PENNDOT on the Traffic Control Plan and Highway Occupancy Permit for State Route 26 and are responding to finalize the permit.

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (January 11, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	6/1/07	106
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	6/1/07	106
06-6	Transmission Main IA	Robert P. Lepley Electric	11/9/06	6/1/07	106

Contract 06-4 Transmission Main IA

- Transmission Main has been constructed and tested from the connection to Phase I (at corner of Struble and First Ave) to the Centre Concrete Plant.
- Boring Crews are continuing to work at the Centre Concrete crossings
- Directional Drilling has begun on SR 322. A pilot hole has been completed for one of the two lines and backreaming is to begin shortly. Based upon conversations with the Contractor, there remains at least 8 weeks of work on the SR 322 crossings.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- Concrete Foundation inspections have been completed and Concrete pours to begin week of February 19th.
- Work under Change Order at the Treatment Plant has been 75% completed.
- Submittal work continues.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Submittal work underway

Construction Issues

None at this time to report

Change Orders/Work Change Directives

Two Change Orders have been prepared for Contracts 06-4 and 06-5. The first, Change Order #04-1, is for completion of modifications to the AWT Building to facilitate ease of operation and enhanced cleaning efficiency. The total amount of the Change Order is \$15,064.79. HRG did secure pricing from another contractor and this amount was approximately \$6,000 less. The second Change Order is for Contract 06-5 and is in the amount of deductive \$30,000. This change order #05-1 is for the removal of duplicate equipment from Contract 06-5 that is already provided under Contract 06-6. Kukurin Contracting, Inc. noted the discrepancy in their bid and notified HRG shortly after bids were received. HRG recommends execution of Change Order #04-1 and #05-1.

Applications for Payment (All Projects):

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Energy Production Feasibility Study

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Western Patton Township Flow Study and Basis of Design

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PLAN REVIEWS

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Innovation Park Phase B-1 South	Design	Comments to Developer
Wambold Subdivision	As-Built	Comments to Developer
2121 E.College Ave.	As-Built	Recommend Approval
Lot #26 Laurel Hills Subdivision	Design	Under Review
Valley Vista Park Ph. 3D	As-Built	Under Review

4.7 Executive Director's Report HVAC Contract with G.M. McCrossin

HRG received a letter from G.M. McCrossin regarding the close-out of their contract by UAJA for the HVAC work in our recent upgrade and expansion. A copy of this letter was provided in your packets. The letter indicates that G.M. McCrossin believes that the Authority owes them money. Staff feels that the contract provisions are clear and that McCrossin is not owed money, in fact, McCrossin owes UAJA \$5,138.04 as was specified in our letter to McCrossin of January 8, 2007. HRG sent McCrossin a letter in response. It is also included in your packet

5. Adjournment

The work session was adjourned at 5:20 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

DAVID COE
Assistant Secretary

MINUTES

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

Regular Meeting – April 18, 2007

1. Call to Order

Mr. Schmalz called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, April 18, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Lapinski, McShea, Schmalz, Spac and Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Jason Brown, Project Manager; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Amy Story, Borough of State College; Janet Sulzer, Centre Regional Planning Liaison; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – March 21, 2006

The Board considered the UAJA minutes of the Regular Meeting held on March 21, 2007.

<p style="text-align:center">UAJA March 21, 2007 Meeting Minutes Approved</p>
--

A motion was made by Mr. Zeigler, seconded by Mr. Lapinski, to approve the minutes of the UAJA Meetings held on March 21, 2007 with corrections. The motion passed unanimously.

4. Public Comment

4.1 Ms. Sulzer reported that the College Township Planning Commission has approved the Corning site re-development plan and it has been turned over for approval by the Township Council.

5. Old Business

5.1 Standard Specifications and Rate Resolution – Definition of Detached Structure

The UAJA Standard Specifications and Rate Resolution currently do not include a definition for detached structure. This is needed because there is no consistency between municipalities for the definition of detached structure. The definition suggested by staff is included in the agenda packet.

<p style="text-align:center">Amendments to the Standard Specifications and Rate Resolution Approved</p>
--

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to approve the amendments to the Rate Resolution Section 7.1k and the Standard Specifications, Section 00700 and 02600 as corrected. The motion passed unanimously.

5.2 Grinder pump escrow

At the March meeting, staff was asked to review the grinder pump escrow amount. The current escrow amount is \$1575 per pump. The current price to purchase a new pump is \$1913. Staff recommends increasing the escrow amount to the current price, and to review the price each year for update with the other standard fees in January.

<p style="text-align:center">Grinder Pump Escrow Increase Approve</p>
--

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve Grinder Pump Escrow increase from \$1575 to \$1913. The motion passed unanimously.

5.3 NPDES Permit Response Letter

A draft response letter has been prepared by UAJA staff and HRG. The Board discussed this letter with no action required. Suggestions to improve the response letter resulted from the Board's discussion.

6. New Business

6.1 Change Order #2 - Contract 06-4 (D & M)

This is an addition to Contract 06-4 in the amount of \$8,900.08. It is to furnish all labor, materials, equipment, machinery, apparatus and tools necessary to install a Water Meter Pit (Service Tap) per specifications provided in the Change Order. The first of these is to be installed by D & M at Centre Concrete.

**Change Order # 2 –
Contract 06-4 (D&M)
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to Execute Change Order # 2 – Contract 06-4. The motion passed unanimously.

6.2 Requisitions

05 Const. Fund-Req. #40	D & M - #3	\$569,770.16
05 Const. Fund-Req. #41	Kukurin - #4	\$218,637.68
05 Const. Fund-Req. #42	HRG – Construction Mgmt.	\$17,414.46

**Requisitions
Approve**

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve the requisitions for the 05 Construction Fund # 40-42. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending March 2007 was presented to the Board for their review.

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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of March, UAJA produced 851 cubic yards of compost.
- In the month of March, UAJA marketed 1,512 cubic yards of compost.
- Year to date compost production is 3,536 cubic yards.
- As of April 1, UAJA had 4,666 cubic yards of compost available for immediate sale.

- As of April 1, the total amount of compost in the storage building as well as inside the compost bays was 6,166 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards. There is currently ~ 1,500 cubic yards of finished compost being stored in the compost bays.

Compost Building Maintenance

- The compost staff performed routine housekeeping items as well as operating the compost facility.
- The UAJA maintenance staff replaced the fan belts on Bio Fan #1.
- The drive belts were replaced in MAU-1305 and MAU-1306 (compost make-up air units).
- The batteries were replaced in the 621 loader.
- Cleveland Brothers repaired an oil leak in the CAT skid steer.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of March was as follows:

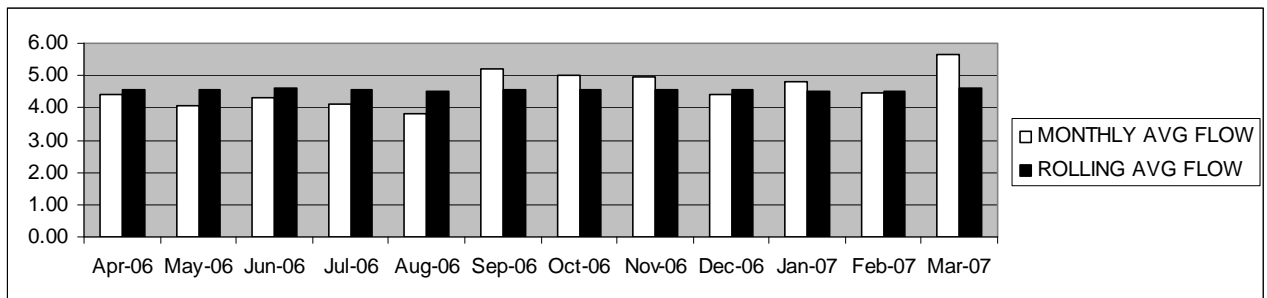
<u>Residential/Commercial Septage-</u>	21,750 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	51,100 gallons
<u>Port Matilda Treatment Plant-</u>	18,000 gallons
<u>Huston Township Treatment Plant-</u>	6,000 gallons

7.4 Plant Superintendent’s Report

The following comments are as presented to the Board in the written report prepared by Arthur Brant, Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for March was 4.61mgd with the average for the month being 5.63mgd. Please see chart below.



There were no inspections by DEP this month.

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

Plant Maintenance

- The diaphragm was replaced in Primary Pump #6.

- Pump #3 at the Main Station was plugged with rags and had to be cleaned.
- The bearings in #2 Utility Water Pump were replaced and the pump put back in operation.
- An oil separator was installed in the air line for the Primary air compressors.
- The sump pump on the dry side of the Main Station went bad and another has been ordered.
- Think-Logic was in and made several changes to the SCADA and AWT programs.
- Repaired a leak in the Utility Water line. It was located between #1 and #2 secondary clarifiers. The 2" line had broke after being reduced from a 4" line. This should have an impact on the Utility Water pumps.
- The bearings in the Polymer Mixing Pump and motor were replaced.
- The maintenance staff, along with other pertinent staff members received training on the operation and maintenance of the Centrifuge and Polymer equipment. This has resulted in trying to make changes to optimize the efficiency of this equipment.
- Replaced two butterfly valves on CMF #3. These valves will be rebuilt and placed in stock.
- Replaced defective pH probe for the RO CIP system.

These items were completed along with preventative maintenance around the entire plant.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

(UA) Lateral Installations – (0)

(UA) Lateral Repairs – (0)

(UA) Mainline Cleaning – (63) manholes inspected- 10,633 feet cleaned)

(UA) Mainline Repairs – (1) 35' of replacement with DIP at Oakley sinkhole.

(UA) Manhole Repairs – (0)

(UA) Manhole Casting Repairs – (5)

(FTA) Lateral Installations – (0)

(FTA) Lateral Repairs – (0)

(FTA) Mainline Cleaning – (16) manholes inspected- 2,443 feet cleaned)

(FTA) Mainline Repairs – (0)

(FTA) Manhole Repairs – (0)

(FTA) Manhole Casting Repairs – (2)

Made repairs to the mainline pipe located in Oakley Drive as a result of sinkhole activity. Made repairs and stabilized the mainline pipe located in the Stormwater basin across from Spectrum Control (Murata- Erie) also as a result of sinkhole activity. Four of my staff took the State Certification Test for their Licensing requirements.

I/I INSPECTION: (A)(We TV'd 0 ua/638 fta feet of mainline and inspected 0 ua/5 fta MH's.) (B)Tested/Grouted – (MH's grouted ua 0 fta 0 /Joints tested ua 0 fta 148 /grouted ua 0 fta 1 /) (Grout used 5. 4/Gal.). Estimated I/I-flow decreased (1440gpd/= 8 EDU's). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We installed the new gen-set at Ghaner 1, and performed routine scheduled PM on all of the other gen-sets in the system.

INSPECTION: Provisional As-builts Approved: Valley Vista Park 3D

Mainline Construction:

a. Innovation Park Extension – Expected to start soon.

New Connections:

a.	Single-Family Residential	10	c.	Commercial	0	
b.	Multi-Family Residential	0	d.	Industrial	0	
					TOTAL	10

7.6 Engineer’s Report

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

Beneficial Reuse

Stage 6 Additions and Modifications Construction Phase

Allan A. Myers, Inc. (Contract 02-1) has executed and returned the Final Change Order for the Project. Closeout has been completed for all four contracts.

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (March 13, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	5/1/07	19
06-5	Booster – General	Kukurin Contracting, Inc.	11/9/06	5/1/07	19
06-6	Transmission Main IA	Robert P. Lepley Electric	11/9/06	5/1/07	19

Contract 06-4 Transmission Main IA

- Transmission Main has been constructed and tested from the connection to Phase I (at corner of Struble and First Avenue) to near the intersection of Pike Street and Limerock Terrace (vicinity of Sheetz).
- All of the Railroad Borings have been successfully completed.
- Directional Drilling under SR 322 has not been successfully resolved and the Contractor has requested a Highway Occupancy Permit be filed to allow for the removal of the boring tool.
- Directional Drilling under Spring Creek has begun with two pilot holes successfully drilled to Limerock Terrace.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- The exterior walls of the Booster Pump Station are approximately 90% complete.
- Interconnection with Bikepath Work has been completed and is awaiting pressure testing and disinfection.
- Booster Pumps have been delivered and are awaiting modification and installation.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Conduit placement has begun in the floor slab and concrete foundation.
- Submittal work is continuing.

Change Orders/Work Change Directives

None at this time.

Applications for Payment (All Projects):

Two payment applications are presented for Authority action. HRG recommends execution of both payment applications.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Balance of Contract Amount
06-4	3	\$569,770.16	\$2,681,333.50	\$1,315,325.66	49%	\$1,497,540.41
06-5	4	\$218,637.68	\$1,013,013.00	\$ 431,687.12	43%	\$ 620,570.16

Electronic Operations and Maintenance Manual

HRG has completed the scanning of numerous of the Operations and Maintenance Manuals and has met with the Operations staff to discuss the organization and layout of the interface. Operational text and descriptions have been completed for 90% of the unit processes and HRG has provided UAJA staff a preliminary listing of the documents to be scanned directly to the manual.

Stage 6 and Stage 7 Record Drawings

HRG anticipates completion of a draft set of all record drawings for Authority review by the end of April. Following a review by UAJA and HRG staff, the final record drawings will be delivered and scanned for use.

Scott Road Pump Station Improvements

The Scott Road Pump Station Improvements Project has advertised and HRG will provide an updated list of planholders at the Board Meeting. Bids are due on May 11, 2007 at 3PM and results will be provided for review at the May Board Meeting.

Energy Production Feasibility Study

Work is ongoing on the Energy Production Feasibility Study and we continue to work with staff for possible grant opportunities.

Circleville Road - Blue Course Drive Wastewater Feasibility Study

HRG met with UAJA staff regarding the Circleville Road – Blue Course Drive Wastewater Feasibility Study and reviewed the preliminary capital and operations cost estimates. Based upon some recommendations from Staff and the completion of a benefit analysis, HRG will present the draft results at the May Board Meeting.

Carbon Addition Pilot Testing and Feasibility Study

Once the carbon addition chemicals are present on-site, work will begin on the Pilot Testing and Feasibility Study.

NPDES Permit Renewal and Modifications

Attached is a draft comment letter prepared by HRG and the UAJA Staff. Pending further review, the draft letter will be provided to the PA DEP.

Big Hollow Interceptor Rehabilitation

The aerial overflight and control has been completed and HRG anticipates receipt of the photogrammetry in the next several days. Field topography is underway and expected to be completed in two weeks.

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping station capacities. HRG will be reviewing the field conditions and current infrastructure needs for each of the pump stations in the coming weeks.

Linn-Harris Backlot Sewer Project

HRG has completed the topographic survey and prepared 48 plats for use by the Authority. Upon completion of the project, HRG will prepare Record Drawings from information provided by the Authority.

PLAN REVIEWS

Project Name	Design /As-Built	Status
Valley Vista Park Ph. 3D	As-Built	Recommend Approval

7.7 Executive Director’s Report

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

Geisinger

Mr. Miller informed the Board that the Geisinger property has been added to the sewer service area but DEP is concerned about the overload this will be on the Big Hollow Interceptor. Geisinger representatives have indicated that Geisinger is willing to help UAJA if their use is an overload to this interceptor.

8. Other Business

8.1 At the March board meeting Contract #2007-03, Article #4, for a Vibratory Roller Rental was awarded to Groff Tractor. The cost was \$1400/mo. When it came time to place the equipment in service, Groff was not able to provide it. We were fortunate enough to be able to go to the second lowest bidder, Best Line Equipment to acquire an equivalent piece of equipment for \$1450/mo. New contract papers will be available for signature at Wednesday’s meeting.

<p>Contract 2007-03 Articles 4 Approve</p>

A motion was made by Ms. Barnes, seconded by Mr. DeWolfe, to re-award Article 4 of Contract 2007-03 to the second lowest bidder (Best Line Equipment) due to the lowest bidder not being able to place the equipment. The motion passed unanimously.

9. Adjournment

The meeting was adjourned at 5:25 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – May 16, 2007

1. Call to Order

Mr. Schmalz called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, May 16, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Dietz, DeWolfe, McShea, Schmalz, Spac, Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Jason Brown, Project Manager; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Mark Whitfield, Borough of State College; Janet Sulzer, Centre Regional Planning Liaison; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – April 18, 2007

The Board considered the UAJA minutes of the Regular Meeting held on April 18, 2007.

UAJA April 18, 2007 Meeting Minutes Approved

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve the minutes of the UAJA meeting held on April 18, 2007 with corrections. The motion passed unanimously.

4. Public Comment

4.1 None

5. Old Business

5.1 Final Design – The Gables at Foxpointe PRD Section 1C- Phase 1

Final design drawings for the Gables at Foxpointe sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 76 EDU's in the condominium development. The review comments have been addressed for the sewer system.

Final Design- The Gables at Foxpointe Approved

A motion was made by Mr. Coe, seconded by Mr. Dempsey, to approve the Final Design – The Gables at Foxpointe PRD Section 1C-Phase 1. The motion passed unanimously.

5.2 Final Design – Geisinger Medical Clinic Phase I

Final design drawings for the Geisinger Medical Clinic Phase I sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 20 EDU's in the medical clinic. The review comments have been addressed for the sewer system. Following a lengthy discussion, the board created a committee of Mr. Dietz, Mr. DeWolfe and Mr. Dempsey to review the application for connection for the Geisinger Medical Clinic Phase 1.

Final Design - Geisinger Medical Clinic Phase I Approved

A motion was made by Mr. McShea, seconded by Mr. Dietz, to approve the Final Design – Geisinger Medical Clinic Phase I with the Board of Director's committee review of the industrial waste questionnaire, when submitted. The motion passed unanimously.

5.3 Request for change of EDU assignment – 908 W Beaver Ave

A letter was received from the property owners of 908 W Beaver Ave. The property is divided into four efficiency apartments. The property was recently purchased as an investment property. A copy of the letter is included in the board member packets. The current billing is consistent with the rate resolution. Mr. Miller explained to the board that this was previously a 2 unit apartment building that the current owner has now made into four small efficiency apartments. The Rate Resolution calls for these type of units to be billed at a half an EDU; therefore, the charges will be adjusted back to 2 EDU’s. There is no definition of an “efficiency apartment” in the Rate Resolution so the Board will need to take action on an amendment to the Rate Resolution at their next meeting. No further action is required regarding this request.

5.4 Scott Road Pump Station Contract 06-8 and 06-9

Bids were opened Friday, May 11th. A bid tabulation and recommendation was available at the board meeting. Mr. Wert explained to the board that the low bidder for the electrical had requested to withdraw their bid due to a mathematical error. (The price for the emergency generator was not extended.) Mr. Wert then recommended the Board award Contract 06-8 General Construction to 4-M Construction Services Company of Mifflintown, PA for \$335,000 and Contract 06-9 Electrical Construction to Hickes Associates, Inc. of Alexandria, PA for \$157,100.

Scott Road Pump Station Contract 06-8 and 06-9 Awarded

A motion was made by Mr. Zeigler seconded by Mr. DeWolfe, to award Contract 06-8 to 4-M Construction Services Company and Contract 06-9 to Hickes Associates, Inc. The motion passed unanimously.

6. New Business

6.1 Residential Reuse Water Project – Matilda Avenue (College Twp)

College Township asked the developers of a parcel of land along Matilda Avenue (see enclosed drawing) to contact UAJA concerning the feasibility of using reuse water for heating and cooling the homes within the development. Tom Songer and Barry Begoumian met with UAJA and are interested in pursuing an Energy Harvest grant through DEP. UAJA will work with the developer to prepare and submit the grant application. Grant applications are due by June 15th.

Preparation and Submittal of an Energy Harvest grant application Approved

A motion was made by Mr. Dietz, seconded by Mr. DeWolfe, to formally endorse the preparation and submittal of an Energy Harvest grant application through DEP. The motion passed unanimously.

6.2 Requisitions

05 Const. Fund-Req. #43	Kukurin - #5	\$ 253,098.88
05 Const. Fund-Req. #44	HRG – Construction Mgmt.	\$ 15,353.72

Requisitions Approved

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve the requisitions for the 05 Construction Fund # 43-44. The motion passed unanimously.

BRIF # 40	Reimburse 05 Construction Fund Payment to Kukurin (CO Orifice Plate)	\$ 4,910.00
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Requisition Approved	A motion was made by Mr. Coe, seconded by Mr. McShea, to approve the BRIF #40 requisition in the amount of \$4,910.00. The motion passed unanimously.
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Revenue Fund# 92	Debt Service, Operation & Maintenance	\$1,000,000.00
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Requisition Approved	A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve the Revenue Fund requisition # 92. The motion passed unanimously.
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7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending April 2007 was presented to the Board for their review.

Financial Report Distribution Approved	A motion was made by Mr. Dietz, seconded by Mr. DeWolfe, to change the distribution of the Year-to-Date Budget Report so that the Treasurer and Assistant Treasurer receive a detail of the report with the entire board receiving a summary of the report on a monthly basis. A detail report will be provided to any member who has requested a copy. The motion passed unanimously.
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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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of April, UAJA produced 1,067 cubic yards of compost.
- In the month of April, UAJA marketed 1,253 cubic yards of compost.
- Year to date compost production is 4,603 cubic yards.
- As of May 1, UAJA had 3,668 cubic yards of compost available for immediate sale.
- As of May 1, the total amount of compost in the storage building as well as inside the compost bays was 6,735 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards. There is currently ~ 2,000 cubic yards of finished compost being stored in the compost bays.

Compost Building Maintenance

- A barrier was installed to protect the gas line at the Compost Building. The gas line barrier was required by our insurance company.

- The ceiling power box for composter #2 was reinstalled.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of April was as follows:

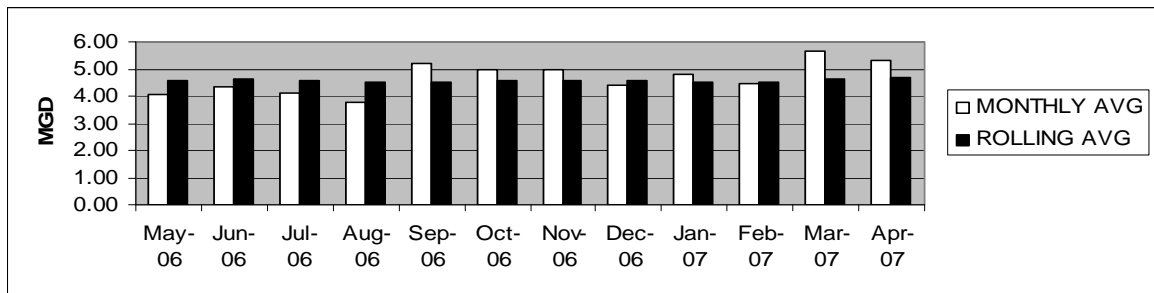
<u>Residential/Commercial Septage-</u>	27,750 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	52,650 gallons
<u>Port Matilda Treatment Plant-</u>	16,000 gallons
<u>Huston Township Treatment Plant-</u>	10,000 gallons

7.4 Plant Superintendent’s Report

The following comments are as presented to the Board in the written report prepared by Arthur Brant, Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with one exception to our NPDES permit. Once again we are over our phosphorus limits. I believe this was due to an excessively high reading of 1.29 recorded on April 11th. Had this been a normal reading we would have been within our limits. It was reported to DEP which waived the five day written submission. The 12-month rolling average flow for April was 4.68mgd with the average for the month being 5.30mgd. Please see chart below.



There were no inspections by DEP this month.

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

Plant Maintenance

- Cleaned and serviced the Skimmer Drive over-torque clutches and replaced shorted wiring in Primary Drives #1 and #2 over-torque shutdown switches.
- Replaced the reversing contactors in the Auma Valve for Aeration Train#3 - Zone#1.
- Replaced the diaphragm in Alum Pump #2.
- Serviced the mixers in Aeration Train #1.
- The sump pump on the dry side of the Main Station was replaced under warranty.
- The check valve in the sump discharge line at the Main Station was replaced.
- Made minor repairs to the air diffusers, water bleed-off, and replaced the coupler in the main airline for Aeration Train #1. This unit was then put on-line and Train #2 was taken off-line.
- Vulcain performed the semi-annual calibration of the air monitors in the Headworks Bldg.

- Joe Berrena Mechanicals removed Headworks Heater HW-3. This heater is being recalled by the manufacturer because of a glycol mixture problem. This is being done under warranty.
- A water supply line was added to the RO Flush Tank. This allows the ability to fill the tank with re-use water utilizing the High Service Pumps.
- U.S.Filter inspected the CMF's and made changes to the PLC program that the staff requested.
- In our efforts to assist State College Borough Water in the cleaning of their fluoride tanks, we inadvertently caused problems with the RO system. The fluoride was put into a manhole near the end of our collection system and was diluted. However the quantity still had an adverse effect on the Re-Use System. The fluoride concentrated in the second array of the RO unit causing the pressure to increase dramatically. With assistance from Nalco it was determined that a cleaning needed to be done to the second array and keep the system shut down while the fluoride worked its way through our treatment process. The RO was put on-line three days later and has been operating under normal conditions since.

The maintenance staff attended a 4-hour seminar on arc flashing sponsored by Friedman Electric. It was informative and emphasized the need for safety while working in and around high voltage.

The Authority participated in the "Take Your Child to Work Program" with four students participating in the program.

These items were completed along with preventative maintenance around the entire plant.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

(UA) Lateral Installations – (0)

(UA) Lateral Repairs – (3) 2197 N. Oak Ln., 630 Wayland Place, 1351 Park Hills Ave.

(UA) Mainline Cleaning – (4) manholes inspected- 800 feet cleaned)

(UA) Mainline Repairs – (2) 1635 Princeton Dr., 114 Wildot Dr.

(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 – (1) Harold St.

(FTA) Manhole Casting Repairs – (1) Harold St.

We started clearing the ROW for the Linn St Back-lot project. We installed a new storm drain at the Scott Rd. Lift Station. We cleaned up a major overflow at the Oakwood bypass crossing location, which appeared to be caused by a combination of construction fill material and grease.

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 0.0/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU's). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We replaced the dehumidifiers at Douglas Drive and Patton Forest. We replaced the mechanical seal in the #1 pump at Douglas Drive.

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Innovation Park Extension – Expected to start soon.
- b. Liberty Hill, Ph 1 – Expected to start soon

New Connections:

a.	Single-Family Residential	16	c.	Commercial	0	
b.	Multi-Family Residential	0	d.	Industrial	0	
					TOTAL	16

7.6 Engineer's Report

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

Beneficial Reuse

Stage 6 Additions and Modifications Construction Phase

Allan A. Myers, Inc. (Contract 02-1) has executed and returned the Final Change Order for the Project. Closeout has been completed for all four contracts.

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (May 11, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	5/1/07	-10
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	5/1/07	-10
06-6	Transmission Main IA	Robert P. Lepley Electric	11/9/06	5/1/07	-10

Contract 06-4 Transmission Main IA

- Transmission Main has been constructed and tested from the connection to Phase I (at corner of Struble and First Avenue) to near the intersection of Pike Street and Limerock Terrace (vicinity of Sheetz).
- All of the Railroad Borings have been successfully completed.
- Directional Drilling under SR 322 has not been successfully resolved and the Contractor has requested a Highway Occupancy Permit be filed to allow for the removal of the boring tool.
- Directional Drilling under Spring Creek is approximately 70% complete and pipe pullback is schedule for May 14, 2007.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- Building structural is complete and the roof is 90% complete. Cupola and exhaust fans are slated for installation the week of May 14, 2007
- HVAC and mechanical work is ongoing.

- Interconnection with Bikepath Work has been completed and is awaiting pressure testing and disinfection.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Electrical Ductbank Installation is 50% complete

Change Orders/Work Change Directives

None at this time.

Applications for Payment (All Projects):

One payment application is presented for Authority action. HRG recommends execution of Payment Application #5 for Kukurin Contracting, Inc. in the amount of \$253,098.88.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	n/a	\$0.00	\$2,681,333.50	\$1,315,325.66	49%	\$1,431,774.12
06-5	5	\$253,098.88	\$1,102,363.00	\$679,517.60	62%	\$456,821.28
06-6	n/a	\$0.00	\$147,300.00	\$ 0.00	0%	\$147,300.00

*Includes 5% Retainage

Electronic Operations and Maintenance Manual

HRG has completed the scanning of numerous of the Operations and Maintenance Manuals and has met with the Operations staff to discuss the organization and layout of the interface. Operational text and descriptions have been completed for 90% of the unit processes and HRG has provided UAJA staff a preliminary listing of the documents to be scanned directly to the manual. Document scanning will be completed in May 2007 and work will begin on final layout of Manual.

Stage 6 and Stage 7 Record Drawings

HRG anticipates completion of a draft set of all record drawings for Authority review the week of May 14, 2007. Following a review by UAJA and HRG staff, the final record drawings will be delivered and scanned for use.

Scott Road Pump Station Improvements

Bids are due on May 11, 2007 at 3PM and results will be provided for review at the May Board Meeting.

Energy Production Feasibility Study

Work is ongoing on the Energy Production Feasibility Study and we continue to work with staff for possible grant opportunities.

Circleville Road - Blue Course Drive Wastewater Feasibility Study

HRG met with UAJA staff regarding the Circleville Road – Blue Course Drive Wastewater Feasibility Study and reviewed the preliminary capital and operations cost estimates. Based upon some recommendations from Staff and the completion of a benefit analysis, HRG will present the draft results at the June Board Meeting.

Carbon Addition Pilot Testing and Feasibility Study

Once the carbon addition chemicals are present on-site, work will begin on the Pilot Testing and Feasibility Study.

NPDES Permit Renewal and Modifications

Awaiting comments from the PADEP.

Big Hollow Interceptor Rehabilitation

The aerial and field surveys have been completed for the Big Hollow Interceptor Rehabilitation and HRG is preparing detailed basemapping for review and discussion at the June Board Meeting.

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping station capacities. HRG will be reviewing the field conditions and current infrastructure needs for each of the pump stations in the coming weeks.

Linn-Harris Backlot Sewer Project

HRG will prepare Record Drawings from information provided by the Authority upon completion of the project.

Western Patton Township Interceptor Design

Aerial photography has been secured and completed and HRG will be completing the field survey work in the next several weeks. A draft permit application will be prepared for June submission to the PADEP. Additionally, HRG was able to secure detailed mapping of the landfill cells and will make a presentation to the Board at the meeting.

7.7 Executive Director's Report

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

Centre Region Act 537 Plan

The Centre Region Act 537 Plan has been reviewed by DEP and will be approved once Benner Township adopts a resolution approving the plan. This is required because the properties along Shiloh Road are partially within Benner Township.

8. Other Business -None

9. Adjournment

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

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – June 20, 2007

1. Call to Order

Mr. Schmalz called the scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. Wednesday, June 20, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lapinski, McShea, Schmalz, Spac, Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Rob Bryan, Maher Duessel; Janet Sulzer, Centre Regional Planning Liaison; Sylvain Courte, French Intern and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – May 16, 2007

The Board considered the UAJA minutes of the Regular Meeting held on May 16, 2007.

<p>UAJA May 16, 2007 Meeting Minutes Approved</p>

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve the minutes of the UAJA meeting held on May 16, 2007. The motion passed unanimously.

4. Public Comment

4.1 Mr. Smith reviewed with the Board a memo from Tom Willson, Lab Director, regarding the Carbon Addition Project. Mr. Smith also introduced the French Intern, Sylvain Courte.

4.2 Ms. Sulzer informed the Board that at the Centre Regional Planning Commission meeting the State College Borough Water Authority presented their well head protection plan along with the University presenting their wellhead protection and storm water run off plans.

5. Old Business

5.1 Final Design – Liberty Hills Phase I and II Redesign

Final design drawings for the redesign of Liberty Hills Phase I and II (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension redesign adjusts all the grades by one foot. The developer decided to raise the development by one foot to avoid the cost of removing the excess soil and rock. The review comments have been addressed for the sewer system.

<p>Final Design - Liberty Hills Phase I and II Redesign Approved</p>
--

A motion was made by Mr. Dempsey, seconded by Mr. McShea, to approve the Final Design – Liberty Hills Phase I and II Redesign. The motion passed unanimously.

5.2 Rate Resolution – Efficiency Definition

At the last meeting, staff indicated that a definition of efficiency apartment was needed in the rate resolution to avoid confusion. In the meeting packet is a single page from the rate resolution EDU table with the proposed definition included under “Rooming unit/Efficiency”. The Board amended the definition to read “one bed” instead of “single bed”.

Amendment Approved

A motion was made by Mr. McShea seconded by Mr. Lapinski, to approve the definition of Efficiency Apartment under “Rooming unit/Efficiency” and amendment to the Rate Resolution. The motion passed unanimously.

6. New Business

6.1 2006 Audit

Maher Duessel, the Authority’s auditor, has completed the 2006 audit. A draft audit document and a draft Management letter were included in the Board’s meeting packet. The Board Treasurer and Assistant Treasurer held a meeting with the auditor and the staff prior to the board meeting to go over the Draft document. Rob Bryan of Maher Duessel was present at the board meeting to address and explain the audit and to answer any questions. Mr. Zeigler reviewed with the Board that at the work session with Messrs. McShea, Miller, Smith and Bryan, they reviewed the draft audit report and made changes including wording changes in the footnotes and the presentation of the audit.

2006 Audit Acceptance

A motion was made by Ms. Barnes, seconded by Mr. Lapinski, to conditionally accept the draft audit to allow for the report to be submitted to Harrisburg, which is due prior to the Boards’ July’s meeting. The motion passed unanimously.

6.2 Line of Credit for Compost Permit

A requirement for the annual renewal of our compost permit is an annual renewal of a line of credit we have with Omega Bank. Jason Brown has re-calculated the amount we are obligated to carry. The line is never used, however we are required to have it available.

Line of Credit for Compost Permit Approved

A motion was made by Mr. McShea, seconded by Mr. Dempsey, to approve the Line of Credit agreement with Omega Bank. The motion passed unanimously.

6.3 Line of Credit – PENNDOT permit (SR 26)

A condition of our HOP to do construction work for the Beneficial Reuse Lines in SR 26 (Benner Pike) is that we provide a Line of Credit as security to PENNDOT. The amount of the Line of Credit is required to be \$120,500.

Line of Credit – PennDOT permit (SR 26) Approved

A motion was made by Mr. Coe, seconded by Mr. Lapinski, to approve the Line of Credit agreement with Omega Bank for the PennDOT permit (SR 26). The motion passed unanimously.

6.4 Requisitions

05 Const. Fund-Req. #45	Lepley - #1	\$ 46,060.99
05 Const. Fund-Req. #46	D & M - #4	\$ 204,113.05
05 Const. Fund-Req. #47	Kukurin - #6	\$ 329,650.00

**Requisitions
Approved**

A motion was made by Mr. Coe, seconded by Mr. McShea, to approve the requisitions for the 05 Construction Fund # 45-47. The motion passed unanimously.

BRIF # 41	Nittany Building Specialties	\$ 5,385.00
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**Requisition
Approved**

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve the BRIF #41 requisition in the amount of \$5,385.00 for the final payment for the plant project (skylight work at the tertiary building). The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending May 2007 was presented to the Board for their review.

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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of May, UAJA produced 1,911 cubic yards of compost.
- In the month of May, UAJA marketed 2,951 cubic yards of compost.
- Year to date compost production is 6,514 cubic yards.
- As of June 1, UAJA had 1,813 cubic yards of compost available for immediate sale.
- As of June 1, the total amount of compost in the storage building as well as inside the compost bays was 3,724 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards. There is currently ~ 300 cubic yards of finished compost being stored in the compost bays.

Compost Building Maintenance

- Worn out motor drive couplers were replaced in supply fans 1303 and 1304.
- Replaced the drive belts on Bio Fan #2 and MAU-1305 (compost make-up air unit).
- Repaired the drain spouting on the amendment building.
- Replaced the chain in the mixer twice. Changes in polymer dosing might have contributed to this problem.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of May was as follows:

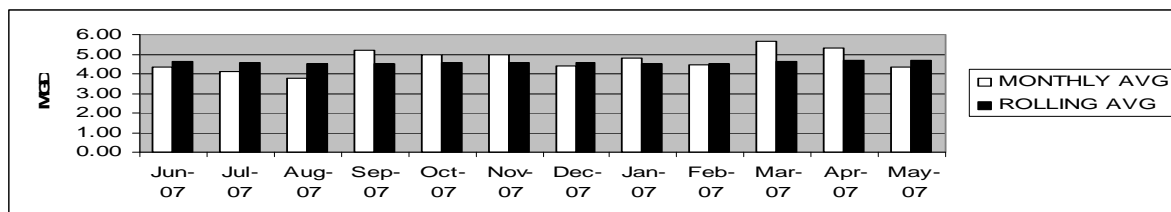
<u>Residential/Commercial Septage-</u>	62,350 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	42,500 gallons
<u>Port Matilda Treatment Plant-</u>	20,000 gallons
<u>Huston Township Treatment Plant-</u>	4,000 gallons

7.4 Plant Superintendent's Report

The following comments are as presented to the Board in the written report prepared by Arthur Brant, Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for May was 4.70mgd with the average for the month being 4.35mgd. Please see chart below.



John Sengle of DEP inspected our facility on May 15th, 2007. This was a routine inspection with no abnormalities noted.

Treatment units on line are as follows: primary clarifier #6; new aeration basins #1 and #3; secondary clarifiers' #3 and #4; and six of eight tertiary filters.

Plant Maintenance

- Replaced the power cable and control cable on Plant Pump Station #1. This pump will be placed in storage until it is needed as parts are difficult to obtain.
- Replaced a defective check valve in the polymer mixer feed line.
- Replaced a defective electrical outlet at the Intermediate Pump Station.
- Began repair and painting of #1 Secondary Clarifier.
- The '01 van was inspected along with having the tires replaced.
- Repaired the wiring on one of the blanket heaters for the caustic totes.
- Replaced the drive belt on Caustic Pump #2.
- Completed the installation of the Acid Pump for the MF CIP Tank.
- Removed the covers from the beneficial reuse hydrants from the plant to Centre Concrete.
- We asked the Alphas to test the hydrants. They were astonished by the amount of water capable of being sent through their pump truck. They reached 2300 gpm using a 2 1/2 inch hose. The High Service Pumps worked well during this test.

In the Plant Superintendent’s report, Mr. Brant stated that he would like to take this opportunity to welcome Sylvain Coutue to the United States and to our facility. Sylvain, our intern from France, will be assisting us with the start-up of the Carbon Addition System. This system commenced on June 4th, 2007 and has shown positive effects to date and will be monitored by Sylvain throughout his stay.

These items were completed along with preventative maintenance around the entire plant.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

- (UA) Lateral Installations – (2) Lot 424 Westerly Pkwy., Lot 3 Park Forest Ave.
- (UA) Lateral Repairs – (4) 1344 Greenwood Cir., 123 W Clearview, 637 & 720 Devonshire Dr.
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – (3) Greenwood Cir., Douglas Drive, Park Forest Ave.
- (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)

The Linn St Back-lot project is approximately 40% complete. We have started restoration on the first half of the project. We also made several mainline and lateral repairs and followed up with the required restoration.

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 0.0/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU’s). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We replaced the incoming power leads from the pole to the meter at the South meter site because the meter kept dropping out of service. We replaced a start capacitor at the St. Ives station.

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Innovation Park Extension – Construction is approximately 90% complete.
- b. Liberty Hill, Ph 1 – Expected to start soon. No change.

New Connections:

a.	Single-Family Residential	12	c.	Commercial	1
b.	Multi-Family Residential	0	d.	Industrial	0

TOTAL 13

7.6 Engineer's Report

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

Beneficial Reuse

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (May 11, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	6/1/07	-46
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	6/1/07	-46
06-6	Transmission Main IA	Robert P. Lepley Electric	11/9/06	6/1/07	-46

Contract 06-4 Transmission Main IA

- Transmission Main has been constructed and tested from the connection to Phase I (at corner of Struble and First Avenue) to across Spring Creek near the intersection of Pike Street and Limerock Terrace (vicinity of Sheetz).
- All of the Railroad Borings have been successfully completed.
- Directional Drilling under SR 322 has not been successfully resolved and the Contractor has requested a Highway Occupancy Permit be filed to allow for the removal of the boring tool.
- Directional Drilling under Spring Creek has been successfully completed.
- Contractor has begun staging for State Route 26 Work as the permit has been issued for the SR 26 Installation by PENNDOT.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- Building Structural work has been successfully completed
- Process and Piping has been successfully completed. Pump and Pressure Testing need completed.
- HVAC and mechanical work is ongoing.
- Interconnection with Bikepath Work has been completed and is awaiting pressure testing and disinfection.
- Final Site Work is underway
- Contractor anticipates completion of work that can be done without permanent electrical connection in two weeks.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Electrical Ductbank Installation is complete
- Permanent Electrical Connection has not been completed and this work is critical path to completion of the project.

Change Orders/Work Change Directives

None at this time.

Applications for Payment (All Projects):

Three payment applications are presented for Authority action. HRG recommends execution of Payment Application #6 for Kukurin Contracting, Inc. in the amount of \$329,650.00; execution of Payment Application #4 for D&M Contracting, Inc. in the amount of \$204,113.05; and execution of Payment Application #1 for Robert Lepley Electrical Contractors, Inc. in the amount of \$46,060.99.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	4	\$204,113.05	\$2,681,333.50	\$1,460,953.83	55%	\$1,293,427.36
06-5	6	\$329,650.00	\$1,102,363.00	\$1,026,517.60	93%	\$127,171.28
06-6	1	\$46,060.99	\$147,300.00	\$48,364.04	33%	\$101,239.01

*Includes 5% Retainage

Electronic Operations and Maintenance Manual

HRG anticipates presenting a draft of the Operations and Maintenance Manual in July 2007 to Authority Staff and making revisions for a tentative network installation in August 2007.

Stage 6 and Stage 7 Record Drawings

HRG has completed a draft set of Record Drawings and are copying for UAJA review. Following review, the final record drawings will be delivered and scanned for use.

Scott Road Pump Station Improvements

Bonds and Agreements have been executed and a Preconstruction Conference is tentatively scheduled for June 28, 2007. Project completion is required by October 2007.

Energy Production Feasibility Study

HRG has completed two Energy Harvest Grant Applications for possible funding by the PA DEP. Work has increased on the Energy Production Feasibility Study and we anticipate a draft report for UAJA review in July 2007.

Circleville Road - Blue Course Drive Wastewater Feasibility Study

HRG will make a detailed presentation on the draft report at the June Board Meeting.

Carbon Addition Pilot Testing and Feasibility Study

Carbon addition pilot testing is underway and a summary of the results will be available at the July Board Meeting. So far, the results are promising and a reduction in Total Nitrogen has been achieved.

NPDES Permit Renewal and Modifications

Awaiting comments from the PADEP.

Big Hollow Interceptor Rehabilitation

The aerial and field surveys have been completed for the Big Hollow Interceptor Rehabilitation and HRG and UAJA Staff will conduct a detailed presentation on the findings at the June Board Meeting.

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping station capacities. HRG will be reviewing the field conditions and current infrastructure needs for each of the pump stations in the coming weeks and anticipates a draft report for UAJA review in July 2007.

Linn-Harris Backlot Sewer Project

HRG will prepare Record Drawings from information provided by the Authority upon completion of the project.

Western Patton Township Interceptor Design

The Preliminary Alignment has been selected and HRG is preparing a draft set of plans for UAJA review. Upon complete of the review, the final alignment will be utilized for a Water Quality Permit Application submission in June 2007 to the PADEP.

7.7 Executive Director’s Report

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

Upper Susquehanna River Coalition

Mr. Miller informed the Board that he had been requested to serve on the Upper Susquehanna River Coalition which meets approximately 4 times per year.

<p>Committee Appointment Approved</p>
--

A motion was made by Mr. Coe, seconded by Mr. McShea, to approve Mr. Miller serving on the Upper Susquehanna River Coalition. The motion passed unanimously.

8. Other Business

- 8.1 Mr. Wert presented to the Board the Circleville Road-Radio Park Regional Treatment Facility Analysis. The analysis included the Circleville Sewershed Capacity Limitations, the Concept of a Regional Treatment Facility (aka “Scalping Plant, Water Mine”), a review of Advantages and Disadvantages, Impacts to Larger Regional Facilities (Collection, Conveyance, Treatment) and Estimates of Probable Cost and Comparison of Alternatives.
- 8.2 Mr. Wert presented to the Board the Big Hollow Interceptor and Collection System Hydraulic Analysis. Included in the analysis was a review of Facilities, Flow Estimates and Projections. Also analyzed were the Identification of Overloads, a Corrective Action Plan and Possible Limitations and Next Steps.

9. Adjournment

The meeting was adjourned at 6:30 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – July 18, 2007

1. Call to Order

Mr. Schmalz called the scheduled meeting of the University Area Joint Authority to order at 4:05 p.m. Wednesday, July 18, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Dietz, DeWolfe, McShea, Schmalz, and Zeigler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Dick Campbell, Solicitor; Janet Sulzer, Centre Regional Planning Liaison; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – July 18, 2007

The Board considered the UAJA minutes of the Regular Meeting held on July 18, 2007.

<p>UAJA July 18, 2007 Meeting Minutes Approved</p>
--

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve the minutes of the UAJA meeting held on July 18, 2007 as amended. The motion passed unanimously.

4. Public Comment

4.1 Ms. Sulzer updated the board regarding Patton Township's discussion on the Development of Regional Impact (DRI) for Proposed Amendments to A-1 District Properties Within the Sewer Service Area and that their recommendation has been forwarded to Centre Regional Planning Commission (CRPC) for discussion at their meeting. Ms. Sulzer also informed the board that the Borough of State College is looking at amending the height requirements on buildings primarily east of Garner Street from 45 feet to 60 feet.

5. Old Business

5.1 Final Design – Aikens Phase 1

Final design drawings for the Aikens Phase 1 development (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 48 EDU's in a mixture of commercial and residential structures. The review comments have been addressed for the sewer system.

<p>Final Design – Aikens Phase 1 Approved</p>
--

A motion was made by Mr. Dempsey, seconded by Mr. McShea, to approve the Final Design – Aikens Phase 1. The motion passed unanimously.

5.2 Contract #2007-4 Big Hollow Interceptor

Last meeting, Jason Wert of HRG presented the results of a capacity study they had performed on the Big Hollow Interceptor. The next step in developing a solution to the problem is to conduct an alternatives analysis and financing options. HRG has submitted a proposal to complete the alternatives analysis for a lump sum price of \$30,000. UAJA staff has determined this is a reasonable cost.

Contract #2007-4 Big Hollow Interceptor Approved

A motion was made by Mr. McShea seconded by Mr. DeWolfe, to award Contract #2007-4 Big Hollow Interceptor to HRG for the lump sum price of \$30,000. The motion passed unanimously.

5.3 Final Acceptance – 2006 Audit

At last month’s meeting, the 2006 Audit was conditionally accepted, pending several slight modifications that were to be made. Those changes have been incorporated and the Audit is final.

Final Acceptance – 2006 Audit Approved

A motion was made by Mr. Zeigler seconded by Mr. Coe, to accept the 2006 Audit report. The motion passed unanimously.

6. New Business

Change Order #3 – Contract 06-4

This change order reimburses the Authority for costs incurred in preparing the Drillhead Recovery Highway Occupancy Permit Application (\$5,000) and deletes the AWT Piping Work for the Contract (\$15,604.79) that was completed by the Authority. Total value of Change Order No. 3 is a deductive \$20,064.79.

Change Order # 3 – Contract 06-4 Approved

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve Change Order #3 – Contract 06-4 in the amount of \$20,064.79. The motion passed unanimously.

6.2 Requisitions

05 Const. Fund-Req. #48	HRG - CM	\$ 13,692.30
05 Const. Fund-Req. #49	Think Logic	\$ 5,212.20

Requisitions Approved

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve requisitions #48-49 for the 05 Construction Fund. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending June 2007 was presented to the Board for their review. Mr. Zeigler reviewed with the Board the first 6 months budget numbers. In general all numbers look good. Answers to questions that were raised regarding the budget/financial statements were provided to all board members by Dave Smith in an email dated July 19, 2007.

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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of June, UAJA produced 1,379 cubic yards of compost.
- In the month of June, UAJA marketed 1,750 cubic yards of compost.
- Year to date compost production is 7,893 cubic yards.
- As of July 1, UAJA had 1,973 cubic yards of compost available for immediate sale.
- As of July 1, the total amount of compost in the storage building as well as inside the compost bays was 3,352 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards.

Compost Building Maintenance

- Replaced the drive belts on MAU-1302 (Compost make-up air unit).
- The foam filled tires on the CAT skid steer were replaced.
- Replaced the steering tire and engine swing/kill switch on the street sweeper.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of June was as follows:

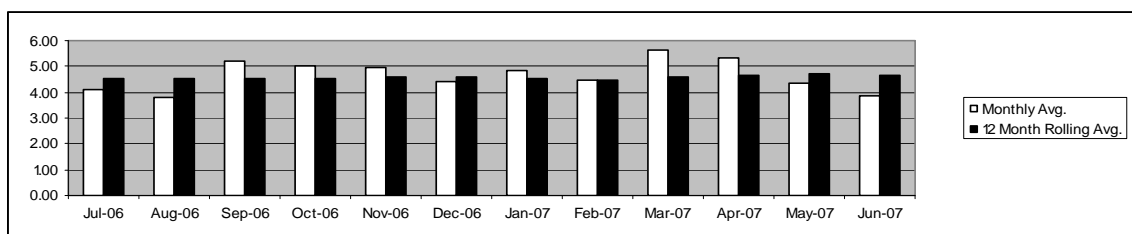
<u>Residential/Commercial Septage-</u>	53,450 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	36,250 gallons
<u>Port Matilda Treatment Plant-</u>	20,000 gallons
<u>Huston Township Treatment Plant-</u>	0 gallons

7.4 Plant Superintendent's Report

The following comments are as presented to the Board in the written report prepared by Arthur Brant, Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for June was 4.66mgd with the average for the month being 3.86mgd. Please see chart below.



There were no inspections by DEP this month.

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

Plant Maintenance

- Repair work continues on Secondary clarifiers #1 and #2.
- Replaced the printed circuit card in the air-conditioning unit at the Septage Receiving Building.
- The diaphragm was replaced in Primary Pump #12.
- The '01 van was sent to Stockers for transmission repair.
- The '01 Chevy and the '93 Ford pick-ups were inspected.
- Primary tank #5 was temporarily taken off-line. The tank was serviced and the flight drive chains were tightened.
- Equipment was purchased so that plant personnel can repair HVAC systems.
- The panel view backlight was replaced in the control panel at the Main Station.

Mowing season has begun and we have Nick Harter back this year as summer help to assist in maintaining the landscape.

These items were completed along with preventative maintenance around the entire plant.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

- (UA) Lateral Installations – (0)
- (UA) Lateral Repairs – (3) 437 Weymouth Cir., 609 W. Hillside Dr., 731 Cornwall Rd.
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – (2) Weymouth Cir., Cornwall Rd.
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (9) Benner Pike
- (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 – (8) 4-Ross St., 4-Butternut

The Linn St Back-lot project is approximately 60% complete. We have completed restoration on the first half of the project. We also made several mainline and lateral repairs and followed up with the required restoration.

(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 0.0/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU's). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We have completed bush trimming and mulching at the stations.

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Innovation Park Extension – Construction is approximately 98% complete.
- b. Liberty Hill, Ph 1 – Construction is approximately 5% complete.

New Connections:

a.	Single-Family Residential	24	c.	Commercial	2	
b.	Multi-Family Residential	0	d.	Industrial	0	
					TOTAL	26

7.6 Engineer's Report

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

Beneficial Reuse

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (July 12, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	5/1/07	-73
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	5/26/07	-47
06-6	Booster - Electrical	Robert P. Lepley Electric	11/9/06	5/1/07	-73

Contract 06-4 Transmission Main IA

- Transmission Main has been constructed and tested from the connection to Phase I (at corner of Struble and First Avenue) to across Spring Creek near the intersection of Pike Street and Limerock Terrace (vicinity of Sheetz).
- All of the Railroad Borings and the Directional Drilling under Spring Creek have been successfully completed.
- Contractor has recovered the Drilling Head underneath SR 322 and is working to complete the first of the two borings.
- Contractor has installed approximately 45% of the work in SR 26 and is making steady progress.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- Building Structural work has been successfully completed.
- Process and Piping has been successfully completed. Pump and Pressure Testing need completed.
- HVAC and mechanical work has been successfully completed.

- Interconnection with Bikepath Work has been completed and is awaiting pressure testing and disinfection.
- Final Site Work is underway
- A Substantial Completion Inspection was completed July 5, 2007 and HRG is compiling the punchlist and tentative certificate of Substantial Completion.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Electrical Ductbank Installation is complete.
- Permanent Electrical Connection has been completed and the Variable Frequency Drives have arrived and are being installed.

Change Orders/Work Change Directives

Change Order No.3 for Contract 06-4 (Transmission Main) is prepared for Authority Execution. This change order reimburses the Authority for costs incurred in preparing the Drillhead Recovery Highway Occupancy Permit Application and deletes the AWT Piping Work for the Contract that was completed by the Authority. Total value of Change Order No. 3 is a deductive \$20,064.79.

Applications for Payment (All Projects):

No Applications for Payment were submitted by Contractors this month.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	-	-	\$2,681,333.50	\$1,460,953.83	55%	\$1,293,427.36
06-5	-	-	\$1,102,363.00	\$1,026,517.60	93%	\$127,171.28
06-6	-	-	\$147,300.00	\$48,364.04	33%	\$101,239.01

*Includes 5% Retainage

Electronic Operations and Maintenance Manual

HRG has met with Staff on the Operations Manual and is working on finalizing screens and text with the Plant and Maintenance Superintendent. This project is a priority to finish before the fall.

Stage 6 and Stage 7 Record Drawings

The Record Drawings have been produced in a final format for internal HRG review and then will be transmitted to UAJA for their use.

Scott Road Pump Station Improvements

A Preconstruction Conference has been held with the Contractors and preliminary submittals are under review for the General Contractor.

Contract Summary (July 12, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-8	General Construction	4M Construction, Inc.	6/28/07	10/26/07	106
06-9	Electrical Construction	Hickes Contracting, Inc.	6/28/07	10/26/07	106

Energy Production Feasibility Study

HRG is completing the first Technical Memorandum on the Energy Production Feasibility Study and is awaiting the results of the two (2) Energy Harvest Grant Applications submitted on behalf of the Authority.

Circleville Road - Blue Course Drive Wastewater Feasibility Study

HRG is revising the draft report based upon comments received and will provide a final report to the Authority in the next 30 days. Additions and revisions include the Act 57 Tapping Fee Estimate for the recommended alternative in the Circleville-Blue Course Drive Study Area.

Carbon Addition Pilot Testing and Feasibility Study

The results of the Carbon Addition Pilot Testing are in the process of compilation; however, the preliminary results were extremely encouraging and seem to confirm that the lack of adequate carbon is the limiting factor in UAJA's reduction of Total Nitrogen. HRG is working with UAJA Staff to present final results.

NPDES Permit Renewal and Modifications

Awaiting comments from the PADEP.

Big Hollow Interceptor Rehabilitation

HRG has prepared a contract for the Alternatives Analysis for the Big Hollow Interceptor Rehabilitation. In working with UAJA staff, the following alternatives have been identified for further study (although the study is not limited to these):

- Upstream Equalization and Storage
- Diversion Gravity Sewers/Pump Stations to higher capacity segments of the Collection System
- Trenchless Rehabilitation of Select Segments
- Parallel Relief Sewers
- Replacement with new Main Station

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping station capacities. HRG will be reviewing the field conditions and current infrastructure needs for each of the pump stations in the coming weeks and anticipates a draft report for UAJA review this month.

Linn-Harris Backlot Sewer Project

HRG will prepare Record Drawings from information provided by the Authority upon completion of the project.

Western Patton Township Interceptor Design

HRG has submitted a Water Quality Permit Application to the PADEP. Other work includes the preparation of the Erosion and Sedimentation Control Plan and meeting with prospective Horizontal Auger Boring Contractors to review the proposed design.

7.7 Executive Director's Report

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

No additional comments

8. Other Business

**August Meeting Date
Change Approved**

A motion was made by Mr. McShea, seconded by Mr. DeWolfe, to approve changing the August meeting date from August 15 to August 22, 2007. The motion passed unanimously.

9. Adjournment

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

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – August 22, 2007

1. Call to Order

Mr. Schmalz called the scheduled meeting of the University Area Joint Authority to order at 4:05 p.m. Wednesday, August 22, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Lapinski, McShea, Schmalz, and Zeigler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Dick Campbell, Solicitor; Amy Story, Borough of State College; Janet Sulzer, Centre Regional Planning Liaison; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – July 18, 2007

The Board considered the UAJA minutes of the Regular Meeting held on July 18, 2007.

UAJA July 18, 2007 Meeting Minutes Approved
--

A motion was made by Mr. Zeigler, seconded by Mr. DeWolfe, to approve the minutes of the UAJA meeting held on July 18, 2007 as amended. The motion passed unanimously.

4. Public Comment

4.1 Ms. Sulzer updated the board regarding Patton Township's discussion on the Development of Regional Impact (DRI) for Proposed Amendments to A-1 District Properties Within the Sewer Service Area and that their recommendation has been forwarded to Centre Regional Planning Commission (CRPC) for discussion at their meeting. Ms. Sulzer also informed the board that the Borough of State College is looking at amending the height requirements on buildings primarily east of Garner Street from 45 feet to 60 feet.

5. Old Business

5.1 No Old Business

6. New Business

Budget Amendment – Ghaner 1 Generator Set

A new generator for the Ghaner 1 Pump Station had been budgeted in 2006. All the bidding and purchasing leg work was completed in 2006, however, delivery of the generator did not occur until 2007. Therefore, the payment was made in 2007. The money budgeted for this purchase in 2006 was not carried over into the 2007 budget. A 2007 budget amendment of \$20,396.65 would correct the bookkeeping discrepancy.

Budget Amendment Approved
--

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to approve the 2007 Budget amendment of \$20,396.65 for the Ghaner 1 Generator Set. The motion passed unanimously.

6.2 Establishing a Rate for Other Trucked Wastewater

UAJA has established a rate for receiving septage which is identical to the Bellefonte wastewater treatment plant. Bellefonte has a separate rate of \$.12 per gallon for wastewater which is not septage. There have been inquiries about UAJA accepting other wastewater which will not impact the treatment process. UAJA’s current rate for septage was set in part so it would not draw away all of the customers from Bellefonte. Therefore, the proposed rate for “other approved wastewater” is \$.12 per gallon.

Rate for Other Trucked Wastewater Approved

A motion was made by Mr. Lapinski, seconded by Mr. Dempsey, to approve the Rate for Other Trucked Wastewater at \$.12 per gallon. The motion passed unanimously.

6.3 Requisitions

05 Const. Fund-Req. #50	HRG - CM	\$ 5,661.59
BRIF #42	HRG-Western Patton Preliminary Design	\$ 35,978.40

Requisitions Approved

A motion was made by Mr. Zeigler, seconded by Mr. Coe, to approve requisitions #50 for the 05 Construction Fund and BRIF requisition # 42. The motion passed unanimously.

Revenue Fund# 93	Debt Service, Operation & Maintenance	\$1,000,000.00
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Requisitions Approved

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve Revenue Fund Requisitions #93 for the debt service, operation and maintenance. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending July 2007 was presented to the Board for their review.

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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of July, UAJA produced 1,241 cubic yards of compost.
- In the month of July, UAJA marketed 2,118 cubic yards of compost.
- Year to date compost production is 10,011 cubic yards.
- As of August 1, UAJA had 1,210 cubic yards of compost available for immediate sale.

- As of August 1, the total amount of compost in the storage building was 2,451 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards.

Compost Building Maintenance

- There were several repairs made to both Knight mixers.

The fan belt and grease lines were replaced on Bio Fan #3.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of July was as follows:

<u>Residential/Commercial Septage-</u>	52,200 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	35,100 gallons
<u>Port Matilda Treatment Plant-</u>	20,000 gallons
<u>Huston Township Treatment Plant-</u>	4,000 gallons

7.4 **Plant Superintendent’s Report**

The following comments are as presented to the Board in the written report prepared by Andy Breon, Assistant Plant Superintendent. This was an informational item only, no action required.

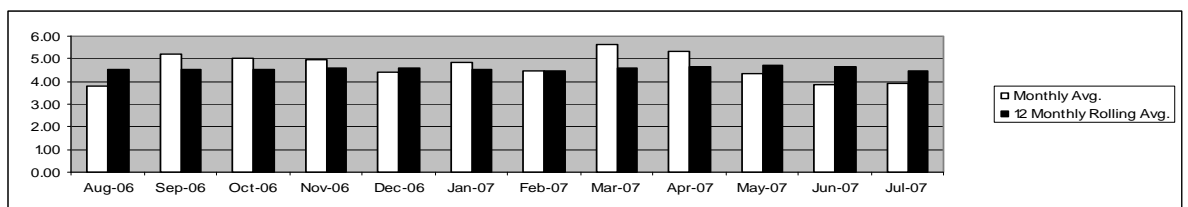
Plant Operation

The treatment plant is operating well with an exception to our NPDES permit.

In an attempt to improve our phosphorus removal, Polyaluminum chloride (DEL-PAC) was used as an alternative to alum. This product did not perform as expected and the plant exceeded the phosphorus limits for the month of July. The effluent phosphorous level for the month of July was 0.14 mg/L which is over the monthly limit of 0.13 mg/L. John Sengle of DEP was notified of the phosphorus level and waived the five day written submission; and the 45-day trial of DEL-PAC was suspended and alum was going to be used again.

John Sengle was present July 25, 2007, the day the DEL-PAC trail began, and inspected the facility. No violations were noted.

The 12-month rolling average flow for July was 4.66 mgd with the average for the month being 3.92 mgd. Please see chart below.



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

Plant Maintenance

- Train #2 of the UV Tank was drained, pressure washed, and painted in preparation of the installation of the new weir gates. These gates will allow the UV Tank to be used as a reservoir for the Backwash Supply and Utility Water Systems.
- The '93 Ford pick-up was inspected at L.W. Hose.
- MF #2 has developed cracks in the piping. Repair parts have been ordered and are being shipped from Australia. Delivery is approximately 4 weeks.
- The water solenoid valves were replaced on Heat Pumps #4 and #11.
- The diaphragm and check ball were replaced in Primary Pump #10.
- The freeze protection controls in Heat Pump HP-8 went bad and were replaced.

These items were completed along with preventative maintenance around the entire plant.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

(UA) Lateral Installations – (13) 12- Centre Hills Villas, Cliffside Dr./ 1- PAWS, Trout Rd.

(UA) Lateral Repairs – (0)

(UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)

(UA) Mainline Repairs – (0)

(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 – (4) 4-Butternut

The Linn St Back-lot project is approximately 85% complete. We have started restoration on the second half of the project. We also made several lateral installations.

(A)CONSTRUCTION &(B)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 0.0/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU's). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We completed flushing operations at six of the stations which have the worst grease problems.

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Innovation Park Extension – Construction is approximately 99% complete.
- b. Liberty Hill, Ph 1 – Construction is approximately 25% complete.
- c. Geisinger – Construction is approximately 95% complete.
- d. Home Depot – The job conference has been held.

New Connections:

a.	Single-Family Residential	25	c.	Commercial	0	
b.	Multi-Family Residential	0	d.	Industrial	0	
					TOTAL	25

7.6 Engineer’s Report

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

Beneficial Reuse

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (July 12, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	5/1/07	-102
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	7/5/07	*
06-6	Booster - Electrical	Robert P. Lepley Electric	11/9/06	5/1/07	-102

*Kukurin Contracting, Inc. is Substantially Complete and had a Final Completion date of August 5, 2007

Contract 06-4 Transmission Main IA

- Transmission Main has been constructed and tested from the connection to Phase I (at corner of Struble and First Avenue) to the end of the Route 26 Alignment (near Clover Road).
- The only remaining work for the Transmission Main is the horizontal auger boring out of State Route 26 into private property and the SR 322 Horizontal Directional Drillings (HDD).
- The first subcontractor for HDD, Valley Directional Drilling, successfully extracted their boring head and began backreaming operations for the final installation. Unfortunately, their equipment suffered catastrophic failure and had not been in operation for nearly three weeks. This failure has been attributed to vandalism and is being investigated by the PA State Police.
- The second subcontractor for HDD, Superior Directional Drilling, has completed their first of two backreams and has encountered some difficulty in the second backream.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- KCI was deemed Substantially Completion on July 5, 2007 and they are steadily completing punchlist items.
- Startup is scheduled by KCI for the Pump Station at the end of August.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Robert P. Lepley Electric, Inc. has requested a Substantial Completion Inspection for the week of August 13, 2007.

Change Orders/Work Change Directives

None at this time.

Applications for Payment (All Projects):

No Applications for Payment were submitted by Contractors this month.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	-	-	\$2,681,333.50	\$1,460,953.83	55%	\$1,293,427.36
06-5	-	-	\$1,102,363.00	\$1,026,517.60	93%	\$ 127,171.28
06-6	-	-	\$ 147,300.00	\$ 48,364.04	33%	\$ 101,239.01

*Includes 5% Retainage

Electronic Operations and Maintenance Manual

HRG has met with Staff on the Operations Manual and is working on finalizing screens and text with the Plant and Maintenance Superintendent. This project is a priority to finish before the fall.

Stage 6 and Stage 7 Record Drawings

The Record Drawings have been produced in a final format for internal HRG review and then will be transmitted to UAJA for their use.

Scott Road Pump Station Improvements

The General Contractor and Electrical Contractor are preparing and providing submittals for HRG review. Construction operations for both Contractors should begin in earnest within the next 30 days.

Contract Summary (August 10, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-8	General Construction	4M Construction, Inc.	6/28/07	10/26/07	97
06-9	Electrical Construction	Hickes Contracting, Inc.	6/28/07	10/26/07	97

Energy Production Feasibility Study

HRG is completing the first Technical Memorandum on the Energy Production Feasibility Study and is awaiting the results of the two (2) Energy Harvest Grant Applications submitted on behalf of the Authority.

Circleville Road - Blue Course Drive Wastewater Feasibility Study

HRG has prepared the final report and transmitted for Authority use. Additionally, HRG has prepared a summation of the maximum allowable Special Purpose Tapping Fee to fund the recommended alternative for the Circleville Road – Blue Course Drive Service Area. This will be reviewed with UAJA Staff and a formal recommendation for adoption provided to the Board.

Carbon Addition Pilot Testing and Feasibility Study

HRG is preparing the Final Feasibility Study to present costs and options for the Carbon Addition System for the full-scale and design flow operations.

NPDES Permit Renewal and Modifications

UAJA and HRG have been informed that a draft permit will be issued for UAJA comment the week of August 13, 2007 (had not been received as of 8/22/07). HRG will update the Board on the modifications that were made by the PA DEP and the remaining challenges.

Big Hollow Interceptor Rehabilitation

HRG has prepared a draft summation of the flow derivation and design flow summary, along with a draft evaluation plan for the Big Hollow Interceptor. These will be reviewed by UAJA staff to form a plan of action for the baseline evaluation and alternative development.

Additionally, the PA DEP has modified their position on the Big Hollow Interceptor and HRG and UAJA Staff will provide an update at the Board Meeting.

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping station capacities. HRG will be reviewing the field conditions and current infrastructure needs for each of the pump stations in the coming weeks and anticipates a draft report for UAJA review this month.

Linn-Harris Backlot Sewer Project

HRG will prepare Record Drawings from information provided by the Authority upon completion of the project.

Western Patton Township Interceptor Design

HRG has submitted a Water Quality Permit Application to the PADEP and is awaiting comments. Other work includes the preparation of the Erosion and Sedimentation Control Plan and meeting with prospective Horizontal Auger Boring Contractors to review the proposed design. HRG anticipates completion of the engineering design work during September.

7.7 Executive Director's Report

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

Mr. Miller informed the board that PAWS will be holding their ribbon cutting ceremony in September. Mr. Miller will let the members know when a confirmed date has been set.

Mr. Miller informed the board that he, Mr. Smith and Mr. Wert met with the PENNVEST representatives regarding possible funding for the various transmission lines major capital improvement projects. The discussions indicated there is probably no funding available to UAJA.

8. Other Business

8.1 Executive Session: Possible Legal Action Related to Construction Contract

Executive Session

A motion was made by Mr. Lipinski, seconded by Mr. DeWolfe, to adjourn to an executive session at 5:30 p.m. The motion passed unanimously.

Executive Session

A motion was made by Mr. Lipinski, seconded by Mr. DeWolfe, to adjourn to the executive session at 5:45 p.m. and resume the regular meeting. The motion passed unanimously.

Mr. Wert reviewed with the board Change Order # 4 (Contract 06-5) for Kukurin Contracting, Inc. for the cost of an access road through Centre Hills Golf Course property, for the time & materials cost difference for access through the golf course property instead of a route via the bike path.

**Change Order #4
Approved**

A motion was made by Mr. McShea, seconded by Mr. DeWolfe, to approve Change Order # 4 in the amount of \$17,838.63 which is a net increase to the contract. The motion passed unanimously.

9. Adjournment

The meeting was adjourned at 5:50 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – September 19, 2007

1. Call to Order

Mr. Lapinski, Vice-Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:02p.m. Wednesday, September 19, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Lapinski, McShea, Spac, Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Tom Willson, Lab Director/IPP Coordinator; Jason Wert, HRG; Dick Campbell, Solicitor; Janet Sulzer, Centre Regional Planning Liaison; Randy Hurst, Mette, Evans and Woodside; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – August 22, 2007

The Board considered the UAJA minutes of the Regular Meeting held on August 22, 2007.

UAJA August 22, 2007 Meeting Minutes Approved
--

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve the minutes of the UAJA meeting held on August 22, 2007. The motion passed unanimously.

4. Public Comment

4.1 Ms. Sulzer updated the board regarding the Patton Township Development of Regional Impact (DRI) for Proposed Amendments Area and that Centre Regional Planning Commission (CRPC) has endorsed the concept.

Ms. Sulzer also stated that the CRPC has reviewed the Borough of State College's amendment to the height requirements on buildings primarily east of Garner Street from 45 feet to 65 feet and has recommended the Borough reference the comments of the State College Area School District, the Police Department, the Water Authority and the Alpha Fire Company's concerns.

Ms. Sulzer also updated the Board on the on-lot sewage septic systems inspections required as part of the 537 Plan. Meetings will be held at the Individual Township's, pamphlets and items on CNET and articles in the newspaper will be utilized to keep the people informed.

5. Old Business

Engineering Agreement Modification – Stage 8

HRG has requested a change in fee to reflect additional services for Construction Administration due to significant time overruns by Contract 06-4 and additional consulting services required due to extended horizontal directional drilling operations. The amount of the change is a lump sum fee of \$27,900. This amount will be charged to the contractor in the final change order.

**Engineering Agreement
Modification – Stage 8
Approved**

A motion was made by Mr. Coe, seconded by Mr. DeWolfe, to approve the modification to the scope of services for \$27,900 for the Engineering Agreement – Stage 8.

Change of Scope of Engineering Agreement – Scott Road

The contract with HRG for engineering services for the Scott Road pump station upgrade did not include bidding and construction phase services. As we have done in the past, we waited to see how complex the construction would be so that a tighter estimate of the construction phase services could be prepared. The change in Scope and Fee to add Bidding Phase, Construction Phase, Resident Project Representation and Operations Phase services is a lump sum fee of \$11,400.

**Change of Scope of
Engineering Agreement
Scott Road Approved**

A motion was made by Mr. McShea, seconded by Mr. Zeigler, to approve the Change of Scope of Engineering Agreement – Scott Road in the amount of \$11,400. The motion passed unanimously.

6. New Business

6.1 Change Order #5, Contract 06-5

Change Order to Kukurin for \$3,896.38 and zero days for necessary Backflow Preventer Pit Fittings.

**Change Order # 5,
Contract 06-5
Approved**

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve Change Order #5, Contract 06-5. The motion passed unanimously.

6.2 Change Order #6, Contract 06-5

Change Order to Kukurin for \$0 and 139 Days. The Change Order was negotiated to settle all issues regarding contract time as well as issues related to the removal of the temporary access road.

**Change Order #6,
Contract 06-5
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. McShea, to approve Change Order #6, Contract 06-5. The motion passed unanimously.

6.3 Contract 2007-05 Hydraulic Compactor

On Tuesday, August 28th, 2007 at 2 pm bids were opened for the purchase of a Hydraulic Compactor (Contract #2007-05). The bids that were submitted are as follows:

Groff Tractor	\$10,447.00
Cleveland Brothers	\$11,438.00

**Contract 2007-05
Awarded**

A motion was made by Ms. Barnes, seconded by Mr. Dempsey, to award Contract 2007-05 to Groff Tractor in the amount of \$10,477. The motion passed unanimously.

6.4 Contract 2007-08 Wastewater Facility Laboratory Analysis

On Friday, September 7th, 2007 at 2 pm bids were opened for the purchase of Wastewater Facility Laboratory Analysis (Contract #2007-08). The bids that were submitted are as follows:

Analytical Laboratory Services, Inc.	\$18,235.00
Fairway Laboratory	\$18,410.00
Mountain Research Laboratory	\$19,045.00
Eastern Laboratory	\$20,777.00
Pace Analytical Lab	\$21,199.68
Test America Laboratory	\$32,626.00
Seewald Laboratory	\$15,213.85
Free Col Laboratory	\$15,240.00

The staff recommendation is to award the contract to Analytical Laboratory Services. Review of the two lowest bidders revealed the fact that there are substantial deficiencies including the absence of accreditations, subcontractors, insurance forms and reference information; therefore, they were rejected. Diane Cowan, Purchasing Agent, contacted references for Analytical Laboratory Services as well as their subcontractors and found no obvious points of concern.

**Contract 2007-08
Awarded**

A motion was made by Ms. Barnes, seconded by Mr. DeWolfe, to award Contract 2007-08 to Analytical Laboratory Services, Inc. in the amount of \$18,235. The motion passed unanimously.

6.5 Requisitions

05 Const. Fund-Req. #51	PA DOT (Rt. 26 inspections)	\$ 5,847.91
05 Const. Fund-Req. #52	Kukurin PS-7	\$ 52,759.91
05 Const. Fund-Req. #53	Lepley #2	\$ 80,549.51
05 Const. Fund-Req. #54	D & M #5	\$ 453,783.73
05 Const. Fund-Req. #55	HRG-CM	\$ 8,122.21

**Requisitions
Approved**

A motion was made by Mr. Coe, seconded by Mr. McShea, to approve requisitions #51 - 55 for the 05 Construction Fund. The motion passed unanimously.

BRIF #43	HRG-Western Patton Preliminary Design	\$ 11,700.80
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**Requisitions
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. DeWolfe, to approve Bond Redemption and Improvement Fund Requisition #43 for the HRG-Western Patton Preliminary Design in the amount of \$11,700.80. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending August 2007 was presented to the Board for their review.

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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of August, UAJA produced 1,160 cubic yards of compost.
- In the month of August, UAJA marketed 897 cubic yards of compost.
- Year to date compost production is 11,171 cubic yards.
- As of September 1, UAJA had 1,578 cubic yards of compost available for immediate sale.
- As of September 1, the total amount of compost in the storage building was 2,738 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards.

Compost Building Maintenance

- The drive belts on the surge bin augers were replaced.
- The drive belts on MAU-1301 (Compost make-up air unit) were replaced.
- Replaced two V-belts and the lift cylinder mounting on the CAT skid steer.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of August was as follows:

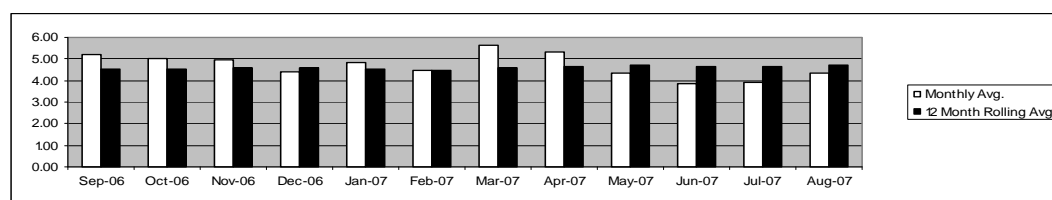
<u>Residential/Commercial Septage-</u>	38,100 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	11,800 gallons
<u>Port Matilda Treatment Plant-</u>	18,000 gallons
<u>Huston Township Treatment Plant-</u>	6,000 gallons

7.4 Plant Superintendent's Report

The following comments are as presented to the Board in the written report prepared by Andy Breon, Assistant Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with one exception to our NPDES permit. We were once again out of compliance for Total Phosphorus. Higher readings were recorded during the first week of the month that we weren't able to overcome. If you recall that was the first week of switching back to Alum. We have been dosing the Alum at 2-3 times the normal rate but were unable to stay below the maximum monthly average. DEP was contacted and waived the five day written submission. The 12-month rolling average flow for August was 4.69mgd with the average for the month being 4.37mgd. Please see chart below.



There were no inspections by DEP this month.

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

Plant Maintenance

- Secondary clarifiers #1 and #2 were put back into service. Clarifier #4 was painted and also put back on line. Clarifier #3 is under repair.
- Replaced the drive belts on Tuthil Blower #2.
- The water line for the heat pump in the SCADA room broke and cracked the heat exchanger. The unit was repaired and put back on line.
- The outfall temperature probe failed and was replaced with a temporary probe. A new probe was ordered and will be replaced when the next calibration is due.
- The power cable for the IPS pump #2 was damaged by the impeller. A spare pump was installed and repair parts are on order.
- Modification of the wiring in the Headworks Bldg. for the heaters is under way. The manufacturer requires installation of safety interconnects to the air supply fans. The belts and pulleys were replaced to increase the air flow over the heating elements. This was also requested by the manufacturer.
- A backup chemical pump that feeds anti-scalant was installed in the AWT Bldg.
- The CMF Units were cleaned.
- Replaced a section of piping on #2 CMF. We are waiting to see if this will be covered under warranty.
- The AWT feed pipe line shifted in the Tertiary Bldg. causing the fittings in the wet well to leak. The wet well was drained and the piping repositioned. To date everything appears to be normal.
- Connected the sewer waste vent and exhaust fans in the Control Bldg. These items were overlooked during construction.

These items were completed along with preventative maintenance around the entire plant.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

- (UA) Lateral Installations – (1) McBath Street
- (UA) Lateral Repairs – (0)
- (UA) Mainline Cleaning – (14 manholes inspected- 1307 feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (13)
- (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)

The Linn St Back-lot project is approximately 98% complete. We have nearly completed restoration on the second half of the project. We did some vehicle and equipment maintenance.

(A)CONSTRUCTION &(B)I/I INSPECTION: (A) (A)(We TV’d 780 ua/0 fta feet of mainline and inspected 5 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 0.0/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU’s). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We have inspected and changed oil in the pumps at 6 of the stations. Work has started and is being inspected at the Ferguson (Scott Road) station upgrade project.

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Innovation Park Extension – Construction is complete. We await As-builts.
- b. Geisinger – Construction is complete. We await As-builts.
- c. Liberty Hill, Ph 1 – Construction is approximately 85% complete.
- d. Home Depot – Construction is approximately 35% complete.
- e. Foxpointe, Ph8 – Construction is approximately 10% complete.

New Connections:

a.	Single-Family Residential	37	c.	Commercial	1	
b.	Multi-Family Residential	2	d.	Industrial	0	
					TOTAL	40

7.6 Engineer’s Report

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

Beneficial Reuse

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (September 13, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	5/1/07	-136
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	7/5/07	*
06-6	Booster - Electrical	Robert P. Lepley Electric	11/9/06	8/16/07	**

*Kukurin Contracting, Inc. is Substantially Complete and had a Final Completion date of August 5, 2007

**Robert Lepley Electric is Substantially Complete and had a Final Completion date of September 16, 2007

Contract 06-4 Transmission Main IA

- Transmission Main has been constructed and tested from the connection to Phase I (at corner of Struble and First Avenue) through the end of the Route 26 Alignment (near Clover Road) and is nearly complete for its total length.
- The only remaining work for the Transmission Main is the tie-in with the first of the SR 322 Horizontal Directional Drillings (HDD) and the completion of the second SR 322 HDD.
- The first subcontractor for HDD, Valley Directional Drilling, successfully extracted their boring head and completed backreaming operations for the final installation. The first 16” HDPE pipeline was pulled through on September 7, 2007.
- The second subcontractor for HDD, Superior Directional Drilling, has completed their first of two backreams and has encountered some difficulty in the second backream. They have been forced to abandon a portion of their work and continue on a different alignment.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- KCI was deemed Substantially Completion on July 5, 2007 and they are steadily completing punchlist items.
- Startup is scheduled by KCI for the Pump Station on October 2, 2007.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Robert P. Lepley Electric, Inc. was deemed Substantially Completion on August 16, 2007 and they are steadily completing punchlist items.

Change Orders/Work Change Directives

A Change Order has been prepared for Contract 06-5 and is in the amount of an additional \$3,896.38. This Change Order # 5 is for the modified installation of the backflow preventer pits for the Centre Hills Country Club. The waterlines were far shallower than the information provided by CHCC to HRG and the Contractor and Kukurin Contracting, Inc. required additional fittings to make the connections. HRG recommends execution of Change Order # 5.

A Change Order has been prepared for Contract 06-5 for no additional compensation, but provides additional time (139) to eliminate potential liquidated damages. This Change Order # 6 is the result of negotiations between UAJA and Kukurin Contracting, Inc. for the removal of the access road (valued at approximately \$40,000) and other outstanding issues on the project. Kukurin Contracting, Inc. offered to remove the access road and restore and stabilize the

CHCC property in return for additional days to complete the project. HRG recommends execution of Change Order # 6.

HRG is awaiting a Change Order from D&M Contracting, Inc. in response to UAJA’s request to install a new connection for Cintas on the Phase I Transmission Main. HRG will present the Change Order for Board Approval upon receipt.

Applications for Payment (All Projects):

Three payment applications are presented for Authority action. HRG recommends execution of all three payment applications.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	5	\$453,783.73	\$2,690,233.58	\$2,027,546.32	75%	\$ 848,543.71
06-5	7	\$52,759.91	\$1,102,363.00	\$1,026,517.60	100%**	\$ 92,250.00
06-6	2	\$80,549.51	\$ 147,300.00	\$ 147,300.00	100%**	\$ 20,662.50

*Includes Retainage
** Substantially Complete

Total Project Cost

As the Stage 8 Additions and Modifications, Transmission Main Phase IA is nearing completion, UAJA and HRG has compiled the estimated final cost for the project and will distribute the information for Board review during the meeting.

Electronic Operations and Maintenance Manual

HRG has met with Staff on the Operations Manual and is working on finalizing screens and text with the Plant and Maintenance Superintendent. This project is a priority to finish before the fall.

Stage 6 and Stage 7 Record Drawings

The Record Drawings have been produced in a final format for internal HRG review and then will be transmitted to UAJA for their use.

Scott Road Pump Station Improvements

Highlights of the Construction Phase of the Scott Road Pump Station Improvements are as follows:

Contract Summary (September 13, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-8	General Construction	4M Construction, Inc.	6/28/07	10/26/07	43
06-9	Electrical Construction	Hickes Contracting, Inc.	6/28/07	10/26/07	43

Contract 06-8 General Construction

- The Contractor has begun operations on the site and has started the process piping and preparations for bypass pumping. All major submittals have been approved.

Contract 06-9 Electrical Construction

- Submittal work is ongoing.

Change Orders/Work Change Directives

None at this time.

Applications for Payment

One payment application is presented for Authority action (no action required because the amount is included in the general fund budget). HRG recommends execution of Payment Application No. 1 for 4-M Construction.

Contract Number	Application for Payment No.	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-8	1	\$ 42,570.00	\$ 355,000.00	\$ 46,827.00	13%	\$ 312,430.00
06-9	-	-	\$ 157,100.00	-	0%	\$ 157,100.00

*Includes Retainage

Total Project Cost

UAJA and HRG have compiled the estimated cost for the Scott Road Pump Station Rehabilitation Project and will distribute the information for Board review during the meeting.

Energy Production Feasibility Study

HRG is completing the first Technical Memorandum on the Energy Production Feasibility Study and is awaiting the results of the two (2) Energy Harvest Grant Applications submitted on behalf of the Authority.

Additionally, HRG hosted an Alternative Feedstock Demonstration with a mobile Anaerobic Digestion Unit that HRG has purchased/constructed and Authority Staff were able to view the program.

Carbon Addition Pilot Testing and Feasibility Study

HRG is preparing the Final Feasibility Study to present costs and options for the Carbon Addition System for the full-scale and design flow operations.

NPDES Permit Renewal and Modifications

There will be a presentation by Authority Staff on the draft NPDES permit and HRG is assisting the efforts.

Big Hollow Interceptor Rehabilitation

HRG has prepared a draft summation of the flow derivation and design flow summary, along with a draft evaluation plan for the Big Hollow Interceptor. These will be reviewed by UAJA staff to form a plan of action for the baseline evaluation and alternative development.

Additionally, HRG and UAJA Staff have met and developed a number of potential alternatives that are under review.

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping station capacities. HRG will be reviewing the field conditions and current infrastructure needs for each of the pump stations in the coming weeks and anticipates a draft report for UAJA's review this month.

Linn-Harris Backlot Sewer Project

HRG has prepared Record Drawings from information provided by the Authority and expects to complete our efforts in the coming weeks.

Western Patton Township Interceptor Design

HRG has submitted a Water Quality Permit Application to the PADEP and is awaiting comments. Other work includes the preparation of the Erosion and Sedimentation Control Plan and meeting with prospective Horizontal Auger Boring Contractors to review the proposed design. HRG anticipates completion of the engineering design work during September.

7.7 Executive Director’s Report

The Executive Director had no additional comments for his report.

8. Other Business

8.1 Executive Session: NPDES Permit Legal Matters

Executive Session

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

9. Adjournment

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

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – October 17, 2007

1. Call to Order

Mr. Schmalz, Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:02 p.m. Wednesday, October 17, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dietz, Dempsey, McShea, Schmalz, Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Mark Whitfield, Borough of State College; Dick Campbell, Solicitor Janet Sulzer, Centre Retinal Planning Liaison; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – September 19, 2007

The Board considered the UAJA minutes of the Regular Meeting held on September 19, 2007.

UAJA September 19, 2007 Meeting Minutes Approved

A motion was made by Mr. Zeigler, seconded by Ms. Barnes to approve the minutes of the UAJA meeting held on September 19, 2007. The motion passed unanimously.

4. Public Comment

4.1 Ms. Sulzer updated the board that the September COG meeting the model 3 Buffer Overlay Ordinance was referred to the Centre Region Planning Commission for review at its October meeting. All of the Centre Region Planning Commission member will review and give their comments to Jim Steff by December 10th. Zoning changes for subdivisions, re-divisions and any new developments for areas around streams within the Centre Region will require a buffer of 35' and 65' for a total of 100' from streams to help with the cooling and shading of the streams, among other waterway protections.

5. Old Business

Final Design – Vista Courts

Final design drawings for the Vista Courts development (Patton Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 22 EDU's of multi-family residential structures. The review comments have been addressed for the sewer system.

Final Design- Vista Courts Approved
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A motion was made by Mr. McShea, seconded by Mr. Dietz, to approve the Final Design – Vista Courts. The motion passed unanimously.

Rate Resolution Amendment – Prohibited Wastes

Our rate resolution currently does not specifically prohibit condensate drainage from being discharged to the sewer. UAJA has for many years considered condensate drainage as “uncontaminated cooling water.” There

appears to be some confusion in the Centre Region Code Office concerning condensate drainage. By adjusting our rate resolution to specifically prohibit uncontaminated condensate drainage, there should no longer be any confusion. A copy of the affected page of the rate resolution has been included in your packet.

**Rate Resolution
Amendment -
Prohibited Wastes
Approved**

A motion was made by Mr. Coe, seconded by Ms. Barnes, to approve the insertion of the ‘HVAC or other uncontaminated condensate drainage’ into section 6.2(a) of the rate resolution. The motion passed unanimously.

6. New Business

6.1 Tapping Fee Increase

Each year, as recommended by the Tapping Fee Committee in 1997 when the fee was developed, UAJA increases the fee based on the Construction Cost Index published in the *Engineering News Record*. The annual increase is determined based on the change from September of the prior year to September of the current year. Approving the “new” fee at our October meeting allows the fee to be set in time for the Borough of State College time to adopt the tapping fee in December, by ordinance. The index was at 7763 for September 2006, and is currently at 8050 for September 2007, which is an increase of 3.70 percent. Therefore, the new tapping fee would be increased by \$136 to \$3,818, with an effective date of January 1, 2008.

**Tapping Fee Increase
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Coe, to approve the Tapping Fee increase to \$3818 effective 1/1/2008. The motion passed unanimously.

6.2 Contract # 2007-06 35KW Diesel Generator

On Wednesday, September 5th, 2007 at 2 pm bids were opened for the purchase of a 35 KW Diesel Generator (Contract #2007-06). The bids that were submitted are as follows:

Winter Engine	\$17,990.00
Breon’s	\$18,600.00
Hunter & Lomison	\$17,960.00

Review of the lowest bidder (Hunter & Lomison) revealed substantial deficiencies in the generator they submitted including the lack of system failure warnings and LED indicators. The controller did not have the capabilities needed to be compatible with our telemetry system as required in our specifications. The Contract Documents were presented for signature at the meeting.

**Contract #2007-06
Approved**

A motion was made by Mr. Dietz, seconded by Mr. Zeigler, to award Contract #2007-06 to Winter Engine for \$17,990.00. The motion passed unanimously.

6.3 Change Order #4 Contract 2006-4

The contract for the reuse line did not include installation of service laterals for any customers. Our assumption was that we would add them as needed. Cintas, the commercial laundry, would like to connect, having solved their internal plumbing requirements. A price for completing the work was obtained from D&M Contracting. Because the lateral will have to cross a street, the price for this connection is higher than the cost to connect Centre Concrete.

**Change Order #4
Contract 2006-4
Awarded**

A motion was made by Mr. Dempsey, seconded by Mr. McShea, to award Change Order #4 Contract 2006-4 in the amount of \$18,134.06 and to also look at the costs to increase the pipe size at this time for future services. The motion passed unanimously.

6.4 Requisitions

05 Const. Fund-Req. #56	PA DOT (Rt. 26 inspections)	\$ 999.42
05 Const. Fund-Req. #57	Think Logic, Inc.	\$ 6,515.74
05 Const. Fund-Req. #58	Centre Tower Services, Inc.	\$ 6,157.00
05 Const. Fund-Req. #59	HRG-CM	\$ 7,828.80

**Requisitions
Approved**

A motion was made by Mr. Coe, seconded by Ms. Barnes, to approve requisitions #56 – 59 for the 05 Construction Fund. The motion passed unanimously.

Revenue Fund #94	Operation, Maintenance and	\$1,000,000.00
Debt Service		

**Requisitions
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve Revenue Fund Requisition #94 for operation, maintenance and debt service in the amount of \$1,000,000.00. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending September 2007 was presented to the Board for their review.

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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of September, UAJA produced 995 cubic yards of compost.
- In the month of September, UAJA marketed 859 cubic yards of compost.
- Year to date compost production is 12,166 cubic yards.

- As of October 1, UAJA had 1,879 cubic yards of compost available for immediate sale.
- As of October 1, the total amount of compost in the storage building was 2,874 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of September was as follows:

<u>Residential/Commercial Septage-</u>	34,150 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	22,900 gallons
<u>Port Matilda Treatment Plant-</u>	14,000 gallons
<u>Huston Township Treatment Plant-</u>	4,000 gallons

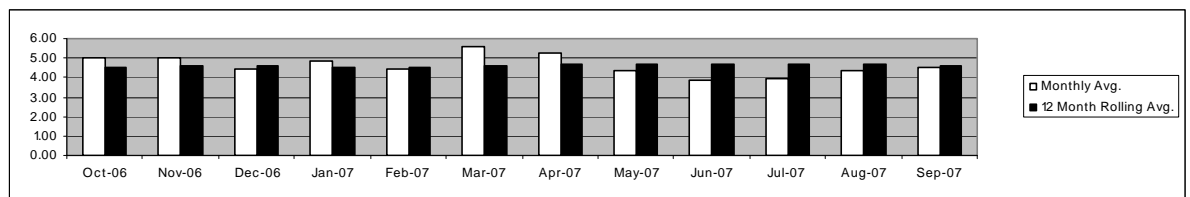
Mr. Brown updated the Board that he has found three new sawdust sources for the green sawdust. The quality seems to be really good.

7.4 Plant Superintendent’s Report

The following comments are as presented to the Board in the written report prepared by Andy Breon, Assistant Plant Superintendent. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with one exception to our NPDES permit. We were out of compliance for Maximum Weekly Average for Ammonia. Our limit is 1.5 mg/l and we had a result of 2.1mg/l. This was caused by the blower control problems we experienced the last week of September. DEP was contacted and waived the five day written submission. The 12-month rolling average flow for September was 4.63mgd with the average for the month being 4.50mgd. Please see chart below.



John Sengle of DEP was in to inspect the facility on October 11, 2007. No violations were noted.

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

Plant Maintenance

- The diaphragm spring in Alum Pump #2 broke and was replaced. Because of the volume of Alum required for treatment, both Alum feed pumps are being used.
- The painting of the UV Tank has been completed and the weir gates installed.

- Think Logic made adjustments to the SCADA System in preparation of the Booster Station start-up.
- An alarm was installed on the Main Station Generator to alert the Plant Operators when the generator is running.
- The Auma Valves on the aeration basins were out of calibration. This caused DO parameters to read incorrectly. All DO control valves were re-calibrated and the system is back in operation. This had a detrimental effect on the ammonia readings that caused us to be out of compliance.
- A fuse in the primary voltage disconnect for the Secondary Pump Station Transformer T-3 blew. Lion Country Electric replaced the fuse. The transformer worked for 8-10 hours and blew two fuses. Lion Country was once again called in to replace the fuses. When the circuit was re-energized the fuses blew again and the power company's transfer switch transferred our electric load to another sub-station. It was determined that the transformer outside the RAS Bldg was bad along with the wiring leading to it. Lion Country is working on pricing to replace the transformer and wiring. This will be an insurance claim.
- The RO and CMF units were cleaned in preparation of the Booster Station coming on-line.

COMPOST BUILDING

- The cutting edge, air-conditioning blower motor, and cab braces were replaced on the CAT Skid steer.
- The chain broke on Mixer #2. This has been a continuing problem. A meeting was held with HRG to discuss the mixer and solids disposal options. No final decision has been made.
- The diffusers in the Bio-Filter are plugged. Plant maintenance is in the process of cleaning them. This was caused by the water misters in the main header plugging.

These items were completed along with preventative maintenance around the entire plant.

Mr. Brant updated that Board that there were two major issues that occurred at the plant. A fuse blew in the transfer switch outside the generator building that feeds the one transformer. After calling in the electrician it was discovered that the transformer and the wiring were both bad. A new/used transformer was dropped off today, October 17. This should be able to be turned into our insurance. The second issue is that the bio filters vent holes were plugged with compost when the misting system stopped. The maintenance department is working on cleaning the nozzles and cutting off the end caps to clear the plugs. They are also using the jet truck on this project and should be completed by the end of next week.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

(UA) Lateral Installations – (1) Lot 2 Kennard Road.

(UA) Lateral Repairs – (4) 778,779,784 Cornwall Rd., 107 W. Aaron Drive.

(UA) Mainline Cleaning – (14 manholes inspected- 2493 feet cleaned)

- (UA) Mainline Repairs – (0)
- (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 – (1)
- (FTA) Manhole Casting Repairs – (0)

The Linn St Back-lot project is complete. We have started the Reed Alley Project and are approximately 50% complete.

((A)CONSTRUCTION &(B)I/I INSPECTION: (A)(We TV'd 4840 ua/0 fta feet of mainline and inspected 32 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 0.0/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU's). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We have inspected and changed oil in the pumps at 5 more of the stations. Work has continued and the first Job Conference has been held at the Ferguson (Scott Road) station upgrade project. A time extension has been requested and denied (See Engineer's Report).

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Innovation Park Extension – Construction is complete. We await As-builts.
- b. Geisinger – As-builts are in review.
- c. Liberty Hill, Ph 1 – Construction is approximately 99% complete.
- d. Home Depot – Construction is approximately 80% complete.
- e. Foxpointe, Ph8 – Construction is approximately 90% complete.
- f. Brynwood, Ph 3B,2(A&B)/3 – Construction is approximately 70% complete.
- g. Liberty Hill,Ph 2 – Construction is approximately 5% complete.

New Connections:

a.	Single-Family Residential	16	c.	Commercial	2	
b.	Multi-Family Residential	1	d.	Industrial	0	
					TOTAL	19

Mr. Lahr updated the Board that the contractor for the Scott Road Station has requested a 90 day extension which has been denied. This project is to be completed in 2007. The generator is to be delivered in November with completion around the end of December

7.6 Engineer's Report

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

Beneficial Reuse

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (October 10, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	5/1/07	-163
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	7/5/07	*
06-6	Booster - Electrical	Robert P. Lepley Electric	11/9/06	8/16/07	**

*Kukurin Contracting, Inc. is Substantially Complete and has a Final Completion date of October 25, 2007

**Robert Lepley Electric is Substantially Complete and had a Final Completion date of September 16, 2007

Contract 06-4 Transmission Main IA

- The only remaining work for the Transmission Main is the completion of the second SR 322 HDD. The second subcontractor for HDD, Superior Directional Drilling, has completed their first of two backreams and has encountered some difficulty in the 18” diameter backream on Sunday, October 7, 2007. Superior Directional Drilling was preparing additional equipment to assist in the completion of the backream.
- During the startup of the Centre Hills Booster Pump Station, it was determined that a flow restriction or similar problem was reducing the volume to the Centre Hills Country Club. After two days of field examination, a large leak was discovered in State Route 26. The leak was repaired the evening on October 3rd and HRG estimates the leak was between 600 gpm and 800 gpm. The leak appears to have been caused by a missing or failed gasket.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- KCI was deemed Substantially Completion on July 5, 2007 and they are steadily completing punchlist items.
- Startup of the Booster Station begun on October 2nd and continued into October 3rd. Unfortunately due to the large leak in State Route 26, the Booster Station was only receiving approximately 100 – 150 gpm of recycled water (design for 1200 – 2400 gpm). After locating the leak, remaining startup items were delayed until October 16th. Once the leak was repaired, HRG and UAJA personnel successfully operated the Booster Station for a period of several hours.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Robert P. Lepley Electric, Inc. was deemed Substantially Completion on August 16, 2007 and they are steadily completing punchlist items and assisting in startup.

Change Orders/Work Change Directives

A Change Order has been prepared for Contract 06-4 for \$18,134.00 and fourteen days for the connection to the Transmission Mains of the Cintas Property. The Change Order will provide taps, service laterals, and a flow metering pit on the Cintas Property. Cintas will then extend from the meter pit into the structure, interconnecting with their non-potable system. HRG recommends execution of Change Order No. 05-6.

Applications for Payment (All Projects):

There are no payment applications are presented for Authority action.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	-	-	\$2,690,233.58	\$2,027,546.32	75%	\$ 848,543.71
06-5	-	-	\$1,102,363.00	\$1,026,517.60	100%**	\$ 92,250.00
06-6	-	-	\$ 147,300.00	\$ 147,300.00	100%**	\$ 20,662.50

*Includes Retainage

** Substantially Complete

Electronic Operations and Maintenance Manual

HRG has met with Staff on the Operations Manual and is working on finalizing screens and text with the Plant and Maintenance Superintendent.

Stage 6 and Stage 7 Record Drawings

The Record Drawings have been produced in a final format for internal HRG review and then will be transmitted to UAJA for their use.

Scott Road Pump Station Improvements

Highlights of the Construction Phase of the Scott Road Pump Station Improvements are as follows:

Contract Summary (September 13, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-8	General Construction	4M Construction, Inc.	6/28/07	10/26/07	16
06-9	Electrical Construction	Hickes Contracting, Inc.	6/28/07	10/26/07	16

Contract 06-8 General Construction

- The Contractor has begun operations on the site and has started the process piping and preparations for bypass pumping. All major submittals have been approved.

Contract 06-9 Electrical Construction

- Submittal work is ongoing.

Change Orders/Work Change Directives

None at this time.

Applications for Payment

There are no payment applications for Authority action.

Contract Number	Application for Payment No.	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-8	-	-	\$ 355,000.00	\$ 46,827.00	13%	\$ 312,430.00
06-9	-	-	\$ 157,100.00	-	0%	\$ 157,100.00

*Includes Retainage

Energy Production Feasibility Study

HRG is completing the first Technical Memorandum on the Energy Production Feasibility Study and is awaiting the results of the two (2) Energy Harvest Grant Applications submitted on behalf of the Authority.

Carbon Addition Pilot Testing and Feasibility Study

HRG is preparing the Final Feasibility Study to present costs and options for the Carbon Addition System for the full-scale and design flow operations.

NPDES Permit Renewal and Modifications

HRG is assisting the efforts of the Special Counsel and UAJA Staff.

Big Hollow Interceptor Rehabilitation

HRG has prepared a draft summation of the flow derivation and design flow summary, along with a draft evaluation plan for the Big Hollow Interceptor. These will be reviewed by UAJA staff to form a plan of action for the baseline evaluation and alternative development.

Additionally, HRG and UAJA Staff have met and developed a number of potential alternatives that are under review. Representatives of a major rehabilitation and lining firm (Insituform) will field view the proposed project this month with representatives of HRG and UAJA.

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping station capacities. HRG will be reviewing the field conditions and current infrastructure needs for each of the pump stations in the coming weeks and anticipates a draft report for UAJA's review this month.

Linn-Harris Backlot Sewer Project

HRG has prepared Record Drawings from information provided by the Authority and is awaiting final comments.

Western Patton Township Interceptor Design

HRG has completed the design of the Western Patton Township Interceptor and has transmitted final drawings to UAJA for their use. After discussions with UAJA and HRG Staff, it was also decided to complete the horizontal auger boring under a separately bid contract. HRG is preparing the contract documents and anticipates a mid-November advertisement with bids in hand for approval at the December Board Meeting.

Compost Alternative Feedstock and Optimization

HRG has been working with Authority Staff on the Optimization of the Compost Process and reviewing alternative feedstocks in lieu of sawdust. The sawdust market has risen dramatically in the past year and UAJA may need to supplement its sources of sawdust with alternative carbon products such as waste paper and switchgrass.

7.7 Executive Director's Report

The Executive Director had no additional comments for his report.

8. Other Business

9. Adjournment

The meeting was adjourned at 5:06 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – November 21, 2007

1. Call to Order

Mr. Lapinski, Vice - Chairman, called the scheduled meeting of the University Area Joint Authority to order at 4:15 p.m. Wednesday, November 21, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lapinski, Spac, Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert and Ben Burns, Engineers; and Mark Whitfield, Borough of State College.

3. Reading of the Minutes

3.1 Amendment to the August 22, 2007 minutes and UAJA Regular Meeting – October 17, 2007

The Board considered the Amendment to the August 22, 2007 minutes and UAJA minutes of the Regular Meeting held on October 17, 2007.

UAJA
Amendment to the
August 22, 2007
minutes and the
Meeting Minutes
Approved

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve the amendment to the August 22, 2007 minutes with a spelling correction and the minutes of the UAJA meeting held on October 17, 2007. The motion passed unanimously.

4. Public Comment

4.1 None.

5. Old Business

Final Design – Elksview (Redesign)

Final design drawings for the Elksview development (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 50 EDU's of multi-family residential structures. This is a redesign. The site elevations have been raised 2-3 feet. The review comments have been addressed for the sewer system.

Final Design- Elksview
(Redesign)
Approved

A motion was made by Mr. Coe, seconded by Ms. Barnes, to approve the Final Design – Elksview (redesign). The motion passed unanimously.

Final Design – Liberty Hill Phase 3

Final design drawings for the Liberty Hill Phase 3 development (Harris Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 64 EDU's of single family structures. The review comments have been addressed for the sewer system.

**Final Design- Liberty
Hill Phase 3
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Coe, to approve the Final Design – Liberty Hill Phase 3. The motion passed unanimously.

Final Design – Sterns Crossing Phase 7

Final design drawings for the Sterns Crossing Phase 7 development (College Township) have been received and reviewed by staff and our consulting engineer. The sewer extension will serve 37 EDU's of single family residential structures.

**Final Design- Sterns
Crossing Phase 7
Approved**

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve the Final Design – Sterns Crossing Phase 7. The motion passed unanimously.

6. New Business

6.1 2008 Budget

A draft budget has been provided in your packet. Staff will entertain questions or comments about any of the budget lines. Staff also recommends that the board again establishes a budget review sub-committee to meet with staff and assist with the preparation of the final budget. Typically, this sub-committee is headed by the Treasurer and Assistant Treasurer if they are available. Another board member or two typically round out the committee. The sub-committee usually meets in the first week of December. Following discussion the Board decided to have the Treasurer and Assistant Treasurer check their schedules and have the Assistant Executive Director get in touch with them to set the time/date for this work session.

6.2 Contract # 2007-10 Aluminum Sulfate

On Monday, November 5th, 2007 at 2 pm bids were opened for the purchase of Aluminum Sulfate for 2008. The bids that were submitted are as follows:

General Chemical	\$258.50 / dry ton
Univar	\$292.00 / dry ton

6.3 Contract # 2007-12 Manholes for Western Patton Interceptor

On Monday, November 5th, 2007 at 2 pm bids were opened for the purchase of Manholes for the Western Patton Interceptor. The bids that were submitted are as follows:

Terre Hill	\$52,069.00
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6.4 Contract # 2007-13 Rental Equipment-Article #1 Tandem Dump Truck w/Operator

On Monday, November 5th, 2007 at 2 pm bids were opened for the purchase of Rental Equipment-Tandem Dump Truck w/Operator for 2008. The bids that were submitted are as follows:

George Robb	\$75.00 / hr
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- 6.5 Contract # 2007-13 Rental Equipment-Article #2 Hydraulic Excavator /No Operator**
On Monday, November 5th, 2007 at 2 pm bids were opened for the purchase of Rental Equipment-Hydraulic Excavator/No Operator for 2008. The bids that were submitted are as follows:

Groff Tractor \$3,600.00 / mo

- 6.6 Contract # 2007-13 Rental Equipment-Article #3 Trac Loader/No Operator**
On Monday, November 5th, 2007 at 2 pm bids were opened for the purchase of Rental Equipment-Trac Loader/No Operator for 2008. The bids that were submitted are as follows:

Groff Tractor \$3,600.00 / mo

- 6.7 Contract # 2007-14 Pipe and Fittings**
On Monday, November 5th, 2007 at 2 pm bids were opened for the purchase of Pipe and Fittings for the Western Patton and Allen Street Projects. The bids that were submitted are as follows:

Exeter Supply \$68,399.90
L/B Water \$69,309.69
James M Cox \$73,220.67
HD Waterworks \$69,642.88
Trumball Ind. \$79,844.71

**Contract # 2007-10 to
14
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve awarding Contracts # 2007-10 thru 14 to the low bidder or to the sole bidder as applicable. The motion passed unanimously.

- 6.8 Change Order #5 Contract 2006-4**
A change order has been prepared for Contract 2006-4 in the amount of \$56,264.32 and ninety-six (96) days for modifications PENNDOT required in pipe bedding, paving thickness and traffic control in SR0026. Please see the Engineer’s Report for a detailed explanation.

**Change Order # 5
Contract 2006-4
Approved**

A motion was made by Ms. Barnes, seconded by Mr. Spac, to approve Change Order #5 Contract 2006-4 in the amount of 56,264.32 and 96 days. The motion passed unanimously.

- 6.9 Requisitions**
- | | | |
|-------------------------|-----------------------------|--------------|
| 05 Const. Fund-Req. #60 | PA DOT (Rt. 26 inspections) | \$ 1,077.16 |
| 05 Const. Fund-Req. #59 | HRG-CM | \$ 13,364.58 |

**Requisitions
Approved**

A motion was made by Ms. Barnes, seconded by Mr. Zeigler, to approve requisitions #60 and 61 for the 05 Construction fund. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending October 2007 was presented to the Board for their review.

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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of October, UAJA produced 1,504 cubic yards of compost.
- In the month of October, UAJA marketed 882 cubic yards of compost.
- Year to date compost production is 13,670 cubic yards.
- As of November 1, UAJA had 2,155 cubic yards of compost available for immediate sale.
- As of November 1, the total amount of compost in the storage building was 3,659 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of October was as follows:

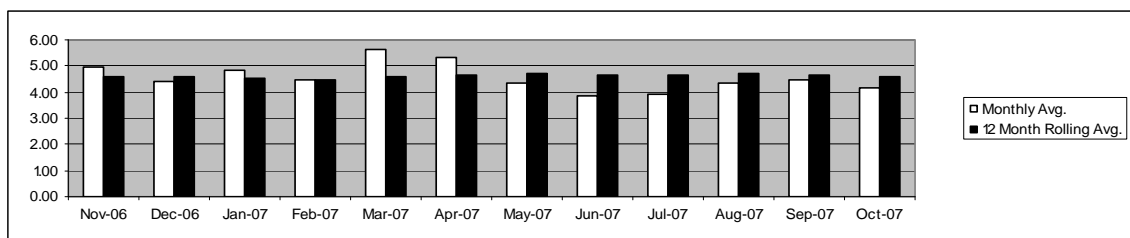
<u>Residential/Commercial Septage-</u>	71,400 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	11,700 gallons
<u>Port Matilda Treatment Plant-</u>	14,000 gallons
<u>Huston Township Treatment Plant-</u>	4,000 gallons

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. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for October was 4.57mgd with the average for the month being 4.19mgd. Please see chart below.



John Sengle, from DEP, inspected the facility on October 11th, 2007. He also sampled the effluent. The results came back “excellent”.

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

Plant Maintenance

- The airline on Primary Diaphragm Pump #9 was replaced.
- The repairs to Secondary Clarifier #3 have been completed and the unit put back on line.
- The motor drive chain on the master side of the security gate broke and was replaced.
- The utility water lines feeding the heat pumps for the blower room developed a leak. A section of the feed line was replaced.
- The flexible coupler in the skimmer drive for Primary Tank #5 and #6 was replaced.
- The UV Intensity Probe in Bank #2A was replaced.
- The mailbox was replaced at the front rental property. The rear rental property had the flue relined and both properties had the heating systems checked by Montour Oil.
- The recycle, return, and bypass pipes in the RO CIP Tank were extended below the water level needed to maintain the chemical mixture used for cleaning. Foaming of the cleaning chemical forced the cleaner out through the overflow.

COMPOST BUILDING

- A contactor was replaced in Exhaust fan EF-1504.
- The drive belts were replaced in MAU-1303, MAU-1304, and MAU-1305. (Make-up Air Units)
- Utilizing “Big Red” the maintenance staff cleaned the diffusers in the Bio-Filter. The spray misters were also cleaned. The filter is now performing as expected.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

- (UA) Lateral Installations – (1) 514 Beaumont Drive.
- (UA) Lateral Repairs – (3) 785 Cornwall Rd., 678 Wiltshire, 2018 N. Oak Lane.
- (UA) Mainline Cleaning – (23 manholes inspected- 4545 feet cleaned)
- (UA) Mainline Repairs – (2) Heritage Oaks.
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (18)
- (FTA) Lateral Installations – (0)
- (FTA) Lateral Repairs – (0)
- (FTA) Mainline Cleaning – (0) manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – (0)
- (FTA) Manhole Repairs – (2)
- (FTA) Manhole Casting Repairs – (0)

The Reed Alley Project is now complete. We installed 2 flow meters on the Big Hollow Interceptor for data gathering purposes and did some equipment maintenance.

(A)CONSTRUCTION & (B) I/ INSPECTION: (A)(We TV'd 3200 feet of mainline and inspected 19 MH's.) (B)Tested/Grouted – (MH's grouted 0 /Joints tested 0 /grouted 0 /) (Grout used 0.0/Gal.). Estimated I/I-flow decreased (0gpd/= 0 EDU's). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We have completed the inspection and oil changes in the pumps at all of the stations. We replaced a float at Valley Vista and a breaker at Douglas Drive.

INSPECTION: Provisional As-builts Approved: None

Mainline Construction:

- a. Innovation Park Extension – Construction is complete. We await As-builts.
- b. Geisinger – As-builts are in review.
- c. Liberty Hill, Ph 1 – Construction is complete. We are awaiting As-built drawings.
- d. Home Depot – Construction is complete. We are awaiting As-built drawings.
- e. Foxpointe, Ph8 – Construction is approximately 95% complete.
- f. Brynwood, Ph 3B,2(A&B)/3 – Construction is approximately 90% complete.
- g. Liberty Hill, Ph 2 – Construction is approximately 20% complete.

New Connections:

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

7.6 Engineer's Report

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

Beneficial Reuse

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (October 10, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	8/19/07***	-88
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	7/5/07	*
06-6	Booster - Electrical	Robert P. Lepley Electric	11/9/06	8/16/07	**

*Kukurin Contracting, Inc. is Substantially Complete and had a Final Completion date of October 25, 2007

**Robert Lepley Electric is Substantially Complete and had a Final Completion date of September 16, 2007

***Recommended Modification by Change Order No. 5

Contract 06-4 Transmission Main IA

- The only remaining work for the Transmission Main is the completion of the second SR 322 HDD. The second subcontractor for HDD, Superior Directional Drilling had completed the second directional drilling borehole and attempted to pull the final 16" HDPE piping into place on November 8, 2007. During the pipeline pullback, the connection mechanism between the backreamer and drill rig snapped, lodging approximately 350' of pipeline beneath SR 322. After repeated attempts to remove the piping, the Contractor has decided to abandon in-place and begin operations for a new directional drill.

- As was discussed last month, there have been several leaks in the State Route 26 Segment of the Transmission Main and D&M Contracting, Inc. has located and repaired these leaks. However, the repair of the leaks has resulted in several patches of pavement and HRG has concerns that PENNDOT will not accept the final paving in its current condition. Although paving operations are complete for CY 2007, this could be an on-going issue with D&M Contracting, Inc. and HRG is reviewing the paving requirements with PENNDOT.
- The service connection for Cintas has been installed and awaits final connection by the property owner and commissioning.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- KCI was deemed Substantially Completion on July 5, 2007 and they are steadily completing punchlist items.
- The Centre Hills Booster Pump Station is fully operational and can provide recycled water to the Centre Hills Country Club on-demand.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

- Robert P. Lepley Electrical, Inc. was deemed Substantially Completion on August 16, 2007 and they are steadily completing punchlist items and assisting in startup.

Change Orders/Work Change Directives

A Change Order has been prepared for Contract 06-4 in the amount of \$56,264.32 and ninety-six days for the modifications PENNDOT required in pipe bedding, paving thickness and traffic control for State Route 26. HRG and D&M Contracting, Inc. differed significantly on the required amount of traffic control for the project and a copy of HRG's Claim Review and Engineer's Decision is attached for completeness. The final recommended amount of compensation and time extensions is close to the estimates HRG prepared for the modifications and as such HRG recommends execution of Change Order No. 04-6. It should be noted that the time extension creates a pro-rated structure for liquidated damages as significant portions of the project were not delayed by the State Route 26 Operations (such as SR 322 Directional Drilling) and HRG currently estimates accrued liquidated damages for the project as follows:

SUBSTANTIAL COMPLETION

May 15th through August 19th.	Total of 96 days LD's of \$42,065.28 (65.4% of full amount)
August 20th through November 15th.	Total of 87 days LD's of \$58,290.00

FINAL COMPLETION

June 15th through September 18th.	Total of 96 days LD's of \$29,508.48 (65.4% of full amount)
September 18th through November 15 th	Total of 36 days LD's of \$27,260.00

GRAND TOTAL \$151,123.76

Applications for Payment (All Projects):

There are no payment applications are presented for Authority action.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	-	-	\$2,690,233.58	\$2,027,546.32	75%	\$ 848,543.71
06-5	-	-	\$1,102,363.00	\$1,026,517.60	100%**	\$ 92,250.00
06-6	-	-	\$ 147,300.00	\$ 147,300.00	100%**	\$ 20,662.50

*Includes Retainage

** Substantially Complete

Electronic Operations and Maintenance Manual

HRG has met with Staff on the Operations Manual and is working on finalizing screens and text with the Plant and Assistant Plant Superintendent. HRG’s web page developer subconsultant is creating each of the separate web pages and working on establishing the required file structure. Currently HRG has amassed over 2.0 GB of Adobe Acrobat Files, including Submittals, Record Drawings, and Operations and Maintenance Manuals. HRG plans to begin installation of the files in December for a “trial run” by the Plant Superintendent and Assistant Superintendent.

Stage 6 and Stage 7 Record Drawings

The Record Drawings have been produced in a final format for internal HRG review and then will be transmitted to UAJA for their use.

Scott Road Pump Station Improvements

Highlights of the Construction Phase of the Scott Road Pump Station Improvements are as follows:

Contract Summary (November 15, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-8	General Construction	4M Construction, Inc.	6/28/07	10/26/07	-20
06-9	Electrical Construction	Hickes Contracting, Inc.	6/28/07	10/26/07	-20

Contract 06-8 General Construction

- The Contractor is preparing for major bypassing operations to begin the last week of November and begin installation of the pumping and process controls.

Contract 06-9 Electrical Construction

- The Contractor has installed the propane tankage for the Generator and has complete many of the modifications required for installation of the Variable Frequency Drives and new Electrical Gear.

Change Orders/Work Change Directives

None at this time.

(See Item 8.1 under Other Business for Change Order # 1 Contract 06-08).

Applications for Payment

There are no payment applications for Authority action.

Contract Number	Application for Payment No.	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-8	-	-	\$ 355,000.00	\$ 46,827.00	13%	\$ 312,430.00
06-9	-	-	\$ 157,100.00	-	0%	\$ 157,100.00

*Includes Retainage

Energy Production Feasibility Study

HRG has completed a Draft Report for the Energy Production Feasibility Study and will be reviewing the results with Authority Staff for comments and areas of further evaluation. HRG will be presenting a copy of the draft findings to the Authority.

Carbon Addition Pilot Testing and Feasibility Study

HRG has completed the Final Feasibility Study to present costs and options for the Carbon Addition System for the full-scale and design flow operations. HRG will be presenting a copy of the findings to the Authority.

NPDES Permit Renewal and Modifications

HRG is assisting the efforts of the Special Counsel and UAJA Staff.

Big Hollow Interceptor Rehabilitation

HRG Staff and representatives from Pipeline Rehabilitation Manufacturers are schedule to walk the existing Big Hollow Alignment on November 20, 2007. Following this inspection, HRG will prepare a preliminary estimate of cost for the favored alternative for comparison.

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping station capacities. HRG is reviewing the field conditions and current infrastructure needs for each of the pump stations and is analyzing options for expansion and rehabilitation of each of the pump stations.

Linn-Harris Backlot Sewer Project

HRG has received comments from UAJA Staff on the Record Drawings and are preparing the final documents for transmittal.

Western Patton Township Interceptor Design

HRG has completed the design of the Western Patton Township Interceptor and has transmitted final drawings to UAJA for their use. After discussions with UAJA and HRG Staff, it was also decided to complete the horizontal auger boring under a separately bid contract. However, HRG is awaiting receipt of the right-of-way documents from the State College Borough prior to advancing the boring contract.

Compost Alternative Feedstock and Optimization

HRG has been working with Authority Staff on the Optimization of the Compost Process and reviewing alternative feedstocks in lieu of sawdust. The sawdust market has risen dramatically in the past year and UAJA may need to supplement its sources of sawdust with alternative carbon products such as waste paper and switchgrass.

Also, in order to maximize operations HRG has developed several new compost mix designs to reflect the changing sludge conditions and carbon/nitrogen content. The first trial run of a new mix design will begin on November 15, 2007.

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. This was an informational item only, no action required.

NPDES Permit

UAJA has not yet received a final permit or a response to the list of questions and concerns expressed in October. DEP appears to be holding almost all of the NPDES permits that have nutrient limits. A DEP staff person indicated that we should not expect to see a final permit any sooner than mid December.

Power Costs

UAJA will incur a power cost increase of 5% in 2008 and 14% in 2009. This will result in almost \$96,000 additional power cost over the current cost. UAJA will be investigating ways to counter this large increase.

8. Other Business

8.1 Change Order #1 Contract 06-8

Mr. Wert presented to the Board that Change Order # 1 Contract 06-8 is due to a delay in delivery of materials for the Scott Road Pump Station. This was not on the contractor and is time at 21 days with no monetary value.

**Change Order #1 06-8
Approved**

A motion was made by Mr. Coe, seconded by Ms. Barnes, to approve Change Order #1 Contract 06-8. The motion passed unanimously.

8.2 Mr. Wert presented to the Board the Co-Digestion of Activated Sludge and Food Waste. The presentation included the Overview of Solids Handling Process and Loadings, the Study Goals, the Alternative Feedstock Program, - Why and How and the benefits to WWTP, the Potential Solids Handling Improvements – Process Flow Diagrams.

8.3 Mr. Wert presented to the Board the Carbon Augmentation for Nitrogen Removal. Included in the presentation was an Overview which included the Review of Biological Nitrogen Removal, Pilot Study Results, Alternative Carbon Sources and Nitrogen Credit Generation.

9. Adjournment

The meeting was adjourned at 6:30 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES
UNIVERSITY AREA JOINT AUTHORITY
1576 SPRING VALLEY ROAD
STATE COLLEGE, PA 16801
Regular Meeting – December 19, 2007

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, December 19, 2007. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Dietz, Lapinski, McShea, Schmalz, Zeigler and Ms. Barnes were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Jason Brown, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert and Ben Burns, Engineers; Dick Campbell, Solicitor; and Amy Story, Borough of State College; Janet Sulzer, Centre Region Planning Liaison; and Kathy Wheeler, Recording Secretary.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – November 21, 2007

The Board considered the UAJA minutes of the Regular Meeting held on November 21, 2007.

UAJA Meeting Minutes Approved
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A motion was made by Mr. Zeigler, seconded by Mr. Lapinski, to approve the minutes of the UAJA meeting held on November 21, 2007. The motion passed unanimously.

4. Public Comment

4.1 None.

5. Old Business

2008 Budget

The proposed 2008 budget for UAJA was included in your board packet. Staff met with the Treasurer and Assistant Treasurer on 12/5/2007 as directed. Final recommendations in the budget are the results of that meeting. There is a 9.9% per EDU user rate increase included in the proposal as well as an 8.5% increase in the bulk treatment rate.

2008 Budget Approved

A motion was made by Mr. Zeigler, seconded by Mr. Coe, to approve the 2008 Budget. The motion passed unanimously.

6. New Business

6.1 Funding Request – Centre Region COG Septage Management Program

The Centre Region Council of Governments has requested funding in the amount of \$2000 for the start up of the septage management program. The program is to be administered by the Code Administration Agency. The program will require residents to have their septic tanks pumped on a three year cycle. Because of the slowing of construction in the region, the code agency has laid off inspectors. While the septage management program will produce revenue for the code agency, it will not do so until mid 2008.

The UAJA Board has funds unspent in the funding community projects line item which could be considered for funding this project. In addition, in 2008 UAJA will no longer be budgeting for support of regional planning projects, which totaled \$10,000 in 2007.

Following discussion there was no action taken on this request.

6.2 Authorization to Transfer Funds

\$335,000 was budgeted in 2007 to fund the construction at the Scott Road Pump Station. Not all of these budgeted funds have been spent to date. Rather than carry over funds to the 2008 budget, staff proposes to transfer \$66,941.31 the remaining balance of the \$335,000 to the Bond Redemption and Improvement Fund (BRIF) on 12/31/2007. Future Pay Apps. for the Scott Road project would then be paid from the BRIF.

**Authorization to
 Transfer Funds
 Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to authorize the transfer of funds from the Revenue Fund to the Bond Redemption and Improvement Fund for the remaining balance of the Scott Road Pump Station funds in the amount of \$66,941.31. The motion passed unanimously.

6.3 Septage Fee Increase

Mr. Miller reported that the Bellefonte Borough had increased their septage rate to \$ 62/1000 gallons effective January 1, 2008. UAJA keeps their rate the same as the Bellefonte Borough to eliminate a price war. Mr. Miller also stated that Bellefonte Borough has a fee for “Other Material”, waste other than septage, that they will bill at a rate of \$127/1000 gallons.

**Septage Fee Increase
 Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Dietz, to approve the increase for the Septage Fee to \$62/1000 gallons and to create a fee for “Other Material” in the amount of \$127/1000 gallons effective January 1, 2008. The motion passed unanimously.

6.4 Requisitions

05 Const. Fund-Req. #62	D&M #6	\$ 522,704.56
05 Const. Fund-Req. #63	HRG-CM	\$ 6967.80
05 Const. Fund-Req. #64	PA DOT	\$ 160.32

**Requisitions
 Approved**

A motion was made by Mr. McShea, seconded by Mr. DeWolfe, to approve requisitions #62 thru 64 for the 05 Construction fund. The motion passed unanimously.

Scott Road – General	4M #2	\$ 169,470.00
Scott Road – Electrical	Hickes #1	\$ 33,328.80

**Requisitions
 Approved**

A motion was made by Mr. Zeigler, seconded by Ms. Barnes, to approve requisitions for the Scott Road project – general 4M#2 and electrical Hickes #1. The motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending November 2007 was presented to the Board for their review.

7.2 Chairman's Report – Mr. Schmalz reported that he had given his report to the State College Borough Council and that he had reported on the Beneficial Reuse project, the rate increase and just an overall update.

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. This was an informational item only, no action required.

Compost Production and Distribution

- In the month of November, UAJA produced 1,181 cubic yards of compost.
- In the month of November, UAJA marketed 2,013 cubic yards of compost.
- Year to date compost production is 15,683 cubic yards.
- As of December 1, UAJA had 1,938 cubic yards of compost available for immediate sale.
- As of December 1, the total amount of compost in the storage building was 3,119 cubic yards; this figure is comprised of compost that is curing as well as that which has completed the curing process.
- The storage building has a total capacity of 6,000 cubic yards.

Septage Operations

We currently have five septage haulers under a UAJA septage hauler permit. The current septage rate is \$54.00/1000 gallons for residential/commercial septage and \$2.84/100 gallons for municipal sludge. Flow through the septage facility for the month of November was as follows:

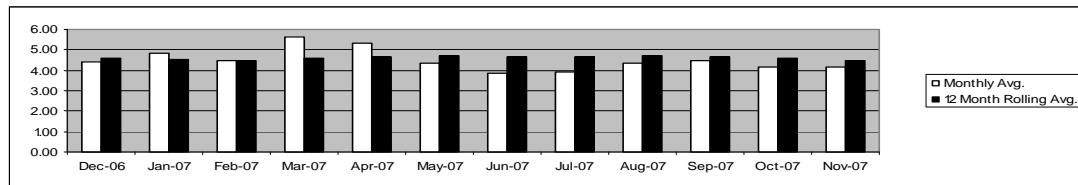
<u>Residential/Commercial Septage-</u>	36,150 gallons
<u>Centre Hall/Potter Treatment Plant-</u>	34,800 gallons
<u>Port Matilda Treatment Plant-</u>	16,000 gallons
<u>Huston Township Treatment Plant-</u>	4,000 gallons

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. This was an informational item only, no action required.

Plant Operation

The treatment plant is operating well with no exceptions to our NPDES permit. The 12-month rolling average flow for November was 4.50mgd with the average for the month being 4.14mgd. Please see chart below.



There were no inspections by D.E.P. this month.

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

Plant Maintenance

- The diaphragm spring was replaced in Alum Pump #2.
- A potable water line leak was found and repaired in the parking lot behind the Control Bldg.
- The main non-potable water line valve in the Admin. Bldg. was replaced due to a leak.
- The DO probe in zone 3A of Train #1 failed. The membrane was replaced and it is now working properly.
- The thermostat in the Septage Receiving failed and was replaced.
- The '99 Chevy pick-up was sent to L.W. Hose for repair. The manifold gaskets were replaced and the engine received a tune-up.

COMPOST BUILDING

- Fourteen lights were repaired inside the facility with several more remaining.
- The battery and a hydraulic hose were replaced on the street sweeper.

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. This was an informational item only, no action required.

MAINLINE MAINTENANCE:

- (UA) Lateral Installations – (0)
- (UA) Lateral Repairs – (1) 1940 N. Oak Lane.
- (UA) Mainline Cleaning – (28 manholes inspected- 4,913 feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (9)
- (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 completed some equipment maintenance and painted the loader.

(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 0.0/Gal.). Estimated I/I-flow decreased

(0gpd/= 0 EDU's). We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. The Scott Road station revitalization project is approximately 50% complete.

INSPECTION: Provisional As-builts Approved: Home Depot

Mainline Construction:

- a. Innovation Park Extension – Construction is complete. We await As-builts.
- b. Geisinger – As-builts are in review.
- c. Liberty Hill, Ph 1 – As-builts are in review.
- d. Foxpointe, Ph8 – Construction is complete. We await As-builts.
- e. Brynwood, Ph 3B,2(A&B)/3 – Construction is approximately 94% complete.
- f. Liberty Hill, Ph 2 – Construction is approximately 50% complete.
- g. Vista Courts – Construction is approximately 75% complete.
- h. Elksview Townhomes - Construction is approximately 25% complete.

New Connections:

a.	Single-Family Residential	21	c.	Commercial	0	
b.	Multi-Family Residential	0	d.	Industrial	0	
					TOTAL	21

7.6 Engineer's Report

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

Beneficial Reuse

Stage 8 Additions and Modifications Construction Phase (Transmission Main Phase IA)

Highlights of the Construction Phase of the Transmission Main Phase IA project are as follows:

Contract Summary (October 10, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-4	Transmission Main IA	D&M Contracting, Inc.	11/17/06	8/19/07***	-117
06-5	Booster - General	Kukurin Contracting, Inc.	11/9/06	7/5/07	*
06-6	Booster - Electrical	Robert P. Lepley Electric	11/9/06	8/16/07	**

*Kukurin Contracting, Inc. is Substantially Complete and had a Final Completion date of October 25, 2007

**Robert Lepley Electric is Substantially Complete and had a Final Completion date of September 16, 2007

***D&M Contracting, Inc. has requested a Substantial Completion Inspection and the inspection is pending

Contract 06-4 Transmission Main IA

- As was discussed last month, there have been several leaks in the State Route 26 Segment of the Transmission Main and D&M Contracting, Inc. has located and repaired these leaks. However, the repair of the leaks has resulted in several patches of pavement and HRG has concerns that PENNDOT will not accept the final paving in its current condition. Although paving operations are complete for CY 2007, this could be an on-going issue with D&M Contracting, Inc. and HRG is reviewing the paving requirements with PENNDOT. A PENNDOT Inspection is scheduled for December 14, 2007.
- There are a number of unresolved items, including bike path restoration, grout fill of abandoned directional drillings, and other miscellaneous items that HRG/UAJA will be discussing with D&M Contracting, Inc. at the Substantial Completion Inspection.

Contract 06-5 Centre Hills Booster Pump Station General Construction

- KCI was deemed Substantially Completion on July 5, 2007 and they are steadily completing punchlist items.
- A final Building Occupancy Inspection is being coordinated by KCI and the Centre Region Staff.
- The Centre Hills Booster Pump Station is fully operational and can provide recycled water to the Centre Hills Country Club on-demand.

Contract 06-6 Centre Hills Booster Pump Station Electrical Construction

Robert P. Lepley Electrical, Inc. was deemed Substantially Completion on August 16, 2007 and they are steadily completing punchlist items and assisting in startup.

Change Orders/Work Change Directives

There are no Change Orders or Work Change Directives for presentation to the Board.

Applications for Payment (All Projects):

Payment Application No. 6 from D&M Contracting, Inc. is presented for Authority action. D&M Contracting has requested a total of \$683,476.69, with total work completed of \$2,675,745.56. HRG recommends payment in the reduced amount of \$522,704.56, withholding potential liquidated damages as detailed below.

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date	Total Work To Date	% Monetarily Complete	Amount Remaining to Pay*
06-4	-	-	\$2,690,233.58***	\$2,675,745.56	99%	\$ 311,351.03
06-5	-	-	\$1,102,363.00	\$1,026,517.60	100%**	\$ 92,250.00
06-6	-	-	\$ 147,300.00	\$ 147,300.00	100%**	\$ 20,662.50

*Includes Retainage

** Substantially Complete

***Requires adjustment for Final Pay Quantities

HRG currently estimates accrued liquidated damages for the project as follows:

SUBSTANTIAL COMPLETION

May 15th through August 19th.	Total of 96 days LD's of \$42,065.28 (65.4% of full amount)
August 20th through December 12 th	Total of 114 days LD's of \$76,380.00

FINAL COMPLETION

June 15th through September 18th.	Total of 96 days LD's of \$29,508.48 (65.4% of full amount)
September 18th through December 12 th	Total of 86 days LD's of \$40,420.00

GRAND TOTAL \$188,373.76

Electronic Operations and Maintenance Manual

HRG has met with Staff on the Operations Manual and is working on finalizing screens and text with the Plant and Assistant Plant Superintendent. HRG's web page developer subconsultant is creating each of the separate web pages and working on establishing the required file structure. Currently HRG has amassed over 2.0 GB of Adobe Acrobat Files, including Submittals, Record Drawings, and Operations and Maintenance Manuals.

HRG has reviewed a draft version of the electronic Operations and Maintenance Manual and has suggested a number of web page related modifications. Upon completion of those modifications, HRG will be presenting the draft manual for UAJA use.

Stage 6 and Stage 7 Record Drawings

The Record Drawings have been produced in a final format for internal HRG review and then will be transmitted to UAJA for their use. This final QA/QC effort is approximately 80% complete.

Scott Road Pump Station Improvements

Highlights of the Construction Phase of the Scott Road Pump Station Improvements are as follows:

Contract Summary (December 14, 2007)

Contr. No.	Contract	Contractor	Notice to Proceed	Substantial Completion Date	Time Remaining (days)
06-8	General Construction	4M Construction, Inc.	6/28/07	11/16/07	-28
06-9	Electrical Construction	Hickes Associates, Inc.	6/28/07	11/16/07	-28

Contract 06-8 General Construction

- The Bypassing of the Wetwell and Pump Station is underway and 4M Construction has installed the new second stage booster pumps and the process piping and instrumentation. Tentative startup is scheduled for the last week of December 2007.

Contract 06-9 Electrical Construction

- The electrical service for the entire facility is nearly complete and the propane generator system is nearly complete. Hickes Associates is supporting the projected startup schedule for late December 2007.

Change Orders/Work Change Directives

None at this time.

Energy Production Feasibility Study

HRG has completed a Draft Report for the Energy Production Feasibility Study and will be reviewing the results with Authority Staff for comments and areas of further evaluation.

Carbon Addition Pilot Testing and Feasibility Study

HRG has completed the Final Feasibility Study to present costs and options for the Carbon Addition System for the full-scale and design flow operations. Upon receipt of comments from Staff, HRG will finalize the Study for the Authority's use.

NPDES Permit Renewal and Modifications

HRG is assisting the efforts of the Special Counsel and UAJA Staff.

Big Hollow Interceptor Rehabilitation

HRG Staff and representatives from Pipeline Rehabilitation Manufacturers completed a walkthrough on the existing Big Hollow Alignment on November 20, 2007. HRG is awaiting final cost numbers from the manufacturers and then can complete our draft report.

Western Patton Township Flow Study and Basis of Design

HRG has completed the sanitary sewer model for the Western Patton Township Flow Study and has prepared a summary report for Authority review on the projected flows and pumping

station capacities. HRG is reviewing the field conditions and current infrastructure needs for each of the pump stations and is analyzing options for expansion and rehabilitation of each of the pump stations.

Linn-Harris Backlot Sewer Project

HRG has completed the Record Drawings and the project has been completed.

Western Patton Township Interceptor Design

HRG has completed the design of the Western Patton Township Interceptor and has transmitted final drawings to UAJA for their use. HRG is administering the bid documents for the highway crossing portion of the Western Patton Township Interceptor and will present bids for approval during the January Board Meeting.

Compost Alternative Feedstock and Optimization

HRG has been working with Authority Staff on the Optimization of the Compost Process and reviewing alternative feedstocks in lieu of sawdust. The sawdust market has risen dramatically in the past year and UAJA may need to supplement its sources of sawdust with alternative carbon products such as waste paper and switchgrass.

Also, in order to maximize operations HRG has developed several new compost mix designs to reflect the changing sludge conditions and carbon/nitrogen content. The first trial run of a new mix design began on November 15, 2007 and HRG is awaiting the results of the trial run.

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. This was an informational item only, no action required.

Growing Greener Grant Application – Community Water Reuse

UAJA has been working with the developer of the proposed Mount Nittany Residential Community in College Township to prepare a grant application to assist in the cost of installing beneficial reuse water within the residential community. The water is proposed to be used for toilet flushing, outdoor use, laundry, and heating and cooling. The project proposes a buried ground storage tank within the development to provide system storage in the reuse transmission system.

Growing Greener Grant Application – Food Waste Anaerobic Digester

UAJA is submitting a grant application to provide funding for a food waste digester at the UAJA treatment plant. The proposed digester would be capable of accepting food waste which would be anaerobically digested, producing Methane gas which would be burned to produce electricity to operate the treatment plant. With power costs projected to increase significantly and since this energy is considered green energy, the overall benefit to the Centre Region is significant.

Cintas Connection

Mr. Miller reported to the Board that Cintas is almost connected and is anxious to get the water. They have their internal plumbing changes completed and are installing a backflow preventer. College Township will then need to do the inspection. Once Cintas has Beneficial Reuse Water connected and is operational, UAJA will have to review the amount of water Cintas will use and make payment to College Township Water for the loss of this customer.

Discussion continued regarding the residential development utilizing the dual water systems and the country club's costs for them to use the beneficial reuse water at their facility.

8. Other Business

8.1 Executive Session (Possible Litigation)

Executive Session

A motion was made by Mr. Lipinski, seconded by Mr. DeWolfe, to adjourn to an executive session at 5:20 p.m. The motion passed unanimously.

Executive Session

A motion was made by Mr. Lipinski, seconded by Ms. Barnes, to adjourn from the executive session at 5:40 p.m. and resume the regular meeting. The motion passed unanimously.

9. Adjournment

The meeting was adjourned at 5:47 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary