

MINUTES

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

Regular Meeting – January 19, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:04 p.m. Wednesday, January 19, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lapinski, McShea, Schmalz, Schwab, Zeigler, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel and Jason Wert, HRG; Mark Whitfield, Borough of State College; Dan Abruzzo, CBICC; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – December 15, 2004

The Board considered the UAJA minutes of the Regular Meeting held on December 15, 2004 and offered the following corrections:

-Page 7 under applications for Payment: change the App No. 3 to 4 (for the Laural Management Company payment).

**UAJA
December 15, 2004
Meeting Minutes
Approved as Amended**

A motion was made by Mr. Coe, seconded by Ms. Barnes, to approve the minutes of the UAJA Regular Meeting held on December 15, 2004 as corrected. The motion passed unanimously.

4. Public Comment Period

None

5. Old Business

5.1 2005 Board Reorganization

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

**Appointment of
Chairman**

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to re-appoint Mrs. Bressler as Chairman. The motion passed unanimously.

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

**Appointment of
Treasurer and
Remaining Board
Positions**

A motion was made by Mr. Coe, seconded by Mr. McShea, to appoint Mr. Zeigler as Treasurer and to keep the remaining Board positions as presented. 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.

5.2 Board Meeting Dates for 2005 and January 2006

A list of meeting dates through January 2006 has been included in your packet. The meeting dates are the third Wednesday of each month. The proposed meeting time is 4PM.

**Board Meeting Dates
for 2005 & January
2006 Approved**

A motion was made by Mr. Zeigler, seconded by Ms. Barnes, to approve the Board meeting dates for 2005 and January 2006. Motion passed unanimously.

5.3 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 including reasonable overhead by the Authority which are necessary for complying with the request.

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

A motion was made by Ms. Barnes, seconded by Mr. Schmalz, to approve the existing fee schedule, as amended, to be in effect until the January 2006 Board meeting. Motion passes unanimously.

5.4 Consultant for Regional Tapping Fee Study

UAJA Staff has been working with the College Township Water Authority, State College Borough Water Authority, and State College Borough to develop a regionally consistent basis for tapping fees that is consistent with the changes to the tapping fee law. With any significant change in tapping fee structure, there is always a good chance it will be challenged. To help protect all four entities, having a report prepared by a reputable consultant can help defeat any challenges. HRG proposes to have Russell McIntosh work with the four entities to prepare a report and verify that all the proposed fees are consistent with the new law.

The proposal is a time and materials contract with an estimated cost not to exceed \$9,000. Each entity has the option to have HRG review their individual tapping fee calculations for a lump sum fee of \$2,400. Some of the entities have their own consultants to do this review. UAJA will need to have this done.

The estimated \$9,000 fee would be shared by the entities in some way. As of the writing of this report, none of the entities have taken any action to accept the proposal. Since this is a project that will benefit the entire community and goes beyond the scope of just UAJA, our portion could be taken from the “Funding Community Projects” line item, which is budgeted at \$15,000 and currently has no funding commitments. Staff will continue to work with the other entities to hopefully obtain some funding participation.

It should be noted that if none of the other entities participated, UAJA would still need to produce the report.

**Consultant for
Regional Tapping
Fee Study Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to authorize staff to initiate the study, funded fully by UAJA, with a cost not to exceed \$9,000 for the report. Additionally, authorize the individual review of UAJA’s specific tapping fee calculations for a lump sum fee of \$2,400. Finally, authorize staff to pursue joint funding agreements for the \$9,000 study and report with the other entities (CTWA, SCBWA, and State College Borough). Motion passes unanimously.

6. New Business

6.1 Energy Harvest Grant Agreement

The Authority has been awarded a \$50,000 grant in Round Two of the Energy Harvest Grant program. This is a continuation of our Round One work that investigated Heating and Cooling with Beneficial Reuse water. This grant is to be applied to the construction of the Reuse Water lines.

**Energy Harvest Grant
Agreement Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Zeigler, to approve and execute the Energy Harvest Grant Agreement. The motion passed unanimously.

6.3 Requisitions

Construction Fund Stage 6-190	App. #31 Myers	\$264,716.13
Construction Fund Stage 6-191	App. #20 Johnson	\$5989.75
Construction Fund Stage 6-192	App. #25 McCrossin	\$57,722.95
Construction Fund Stage 6-193	App. #29 Biter	\$66,558.91
Construction Fund Stage 6-194	HRG-RPR # 30	\$53,614.63
Construction Fund Stage 6-195	HRG-CM #31	\$20,256.51
Construction Fund Stage 6-196	HRG-RPR # 31	\$43,932.63
Construction Fund Stage 6-197	HRG-CM #32	\$11,050.59
Construction Fund Stage 7-198	PA DOT	\$1,381.33
Construction Fund Stage 7-199	CTWA	\$548.40
Construction Fund Stage 7-200	Heberling Assoc.	\$611.71

**Construction –
Requisitions
Approved**

A motion was made by Mr. Schmalz, seconded by Ms. Barnes, to approve the Construction Requisitions. Motion passed unanimously.

Revenue Fund	Req. #81	\$1,500,000
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**Revenue Fund
Requisition
Approved**

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

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending December 2004 was presented to the Board for their review.

7.2 Chairman's Report

No report.

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 4.99 mgd with the average for the month being 4.99 mgd.

John Sengle of DEP visited the plant site on January 4th, 2005. This was a routine inspection and no violations were noted.

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

Plant Maintenance

- Alum pump #1 on our existing system was rebuilt. Now that we are utilizing only one Alum tank this unit was placed on the shelf as a spare.
- The communications card on Train #2 UV light, bank "B" failed. The supplier sent a replacement under warranty. The maintenance staff installed the card with assistance of Trojan via telephone. There was also a probe failure and a ballast failure, both are to be replaced under warranty and are being shipped from Trojan.
- We discovered several potable water leaks in the service line feeding the Maintenance Bldg. and Mr. Kramer. The old galvanized line was replaced with plastic from the well house to Mr. Kramer's. This was done with the assistance of Collection equipment and personnel and in a very short period of time. This should prevent any further problems (leaks) that may occur once city water is utilized.
- Repaired the secondary clarifier drain line check valve in the RAS Bldg.
- Replaced the impeller and motor bearings on the polymer system in the Dewatering Bldg.

Compost

- We have now produced 6079 cubic yards of compost as of the end of December and sold 1666 cubic yards.
- There are 1820 cubic yards to be utilized by Alan Meyers for the plant site work that we felt did not meet our standards.

To summarize the events leading to the compost not meeting our standards are as follows:

- 1) November 11th, 2004: Sample collected failed for fecal coliform.
- 2) December 6th, 2004: the second sample failed for fecal coliform.
- 3) The following week, working with Bill Hanczar of DEP, it was agreed to test for salmonella, an approved parameter.
- 4) January 3rd, 2005: The cured pile of compost passed the salmonella test and was approved by DEP for marketing.
- 5) January 5th, 2005: After visual inspection of the static pile it was determined by Cory Miller, Jason Brown and I that it was unsuitable for market due to the texture of the compost. During this entire period we also found that longer mixing of the

raw materials was required to give the end product a more desired appearance and should allow us the ability to pass the fecal coliform parameters.

These items were completed along with preventative maintenance around the entire plant. I would like to thank Collections for the use of their equipment and personnel in the installation of the new water line feeding Mr. Kramer.

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 – None
- (UA) Lateral Repairs – None
- (UA) Mainline Cleaning – (20 manholes inspected- 3277 feet cleaned)
- (UA) Mainline Repairs – None
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (23)
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – None
- (FTA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – None
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – None

We helped repair Plant water lines and did routine equipment maintenance. Cleaned shop and did truck maintenance.

I/I INSPECTION: (We TV’d 0 ua/0 fta feet of mainline and inspected 0 ua/0 fta MH’s .)
Tested/Grouted – (0/0) Estimated I/I-flow decreased – (0gpd. fta.)
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 cleaned out the wet well at Aspen Hts. with the Vactor to remove debris (broken cleanout caps) which had plugged the pumps.

INSPECTION: Provisional As-builts Approved : Innovation Blvd/ PSU, Aaron Plaza, Cobble Creek II, Golden Orchard Estates Ph2

Mainline Construction:

- a. Saybrook Phase 7 – As-builts are being reviewed.
- b. Haymarket, Lot 801 – Further site development will begin soon.
- c. Hunters Chase Phase 3 – Construction is completed. We are awaiting As-builts.
- d. Thistlewood – Construction has just begun, but has been slowed by weather.
- e. College Court Apts. – Construction is soon to start.

New Connections:

a.	Single-Family Residential	26	c.	Commercial	0
b.	Multi-Family Residential	6	d.	Industrial	0
					TOTAL 32

7.5 Engineer’s Report

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

Tapping Fee Analysis

HRG is beginning to work on the tapping fee analysis for UAJA and the State College Borough Water Authority per Cory’s direction.

Beneficial Reuse

Stage 6 Additions and Modifications Construction Phase (1178.104)

We continue to perform Construction Administrative functions for the project including responding to RFI’s, producing and updating punchlists and processing submittals. The following is a list of most process units and their status:

Process Unit	Status
College Harris Pump Station	Partial Utilization – in operation
Headworks/Grit	Partial Utilization – in operation
Primary Clarifiers	Compressor Building complete, New control system operational.
Aeration Tanks	#1 & #2 being operated; #3 99% structure complete
Secondary Clarifier #4	Partial Utilization – in operation
Secondary Clarifier Pump Station	Partial Utilization – in operation
Intermediate Pump Station	Structure complete
Tertiary Filters	Partial Utilization – in operation
Utility Water Pumps	Placed back into operation after pumps were corrected
UV	Partial Utilization – in operation
Chemical Addition	Alum tank moved; completing mechanical work
Dewatering	Partial Utilization – in operation
Compost	Partial Utilization – in operation
AWT Feed Pump Station	Under construction – ready to start when AWT completed
AWT Building	Under construction (MF 99%; RO 95%)

December was abbreviated by holidays and weather leaving little progress being made. The Contractors have begun to work on punch list items of the major processes as well as addressing common issues as they appear. The majority of the work is centered on the continued construction for Aeration Tank #3, installation of the Advanced Water Treatment Systems, completing the Chemical Addition and yard piping. The Control Building continues to proceed with walls, ceilings and floors. The SCADA system is beginning to be installed. We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 02-2, 02-3, and 02-4:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Change Order Request Logs:* The log lists all the Change Order Requests (COR) the Contractors have submitted or we have requested to date, as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #32 is attached, which describes the construction activities that occurred during the past month for your information.

Stage 7 Additions and Modifications (Transmission Line Phase I) Construction Phase

Work has ceased on the project for the holidays and the Contractor is preparing to complete the final repairs and miscellaneous items prior to final restoration. A status of the work is as follows:

Alignment	Status
Spring Valley Road	Complete and awaiting final testing and restoration
Shiloh Road to SR 150	Complete and awaiting final restoration
Shiloh Road to SR 26	Complete and awaiting final restoration
SR 26 to Stewart Drive	Complete and awaiting final restoration
Stewart Drive to Carolean Industrial	Complete and awaiting final restoration
Carolean Industrial to Stewart Drive	Complete and awaiting final restoration
First Avenue	Removed from the Contract

A defective work notice was sent to Laurel Management Company on December 20, 2004 detailing the failures on the first 900' of Spring Valley Road. HRG is awaiting a written corrective action plan from the Contractor.

There are no change orders for presentation to the Board from this project.

Water Service Extension

The Potable Water Service Extension has been successfully completed, tested, and disinfected by Laurel Management Company. Final interconnection with the interior potable water system is awaiting final disinfection.

Applications for Payment (All Projects):

We recommend payment of the following:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	31	\$ 264,716.13
02-2	Plumbing	Robert Johnson Heating & Plumbing	20	\$ 5,989.75
02-3	HVAC	G.M. McCrossin, Inc.	25	\$ 57,722.95
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	29	\$ 66,558.91
				\$394,987.74

Cluster's Meter Chamber

HRG has completed all of the final closeout documentation and recommended the final payment applications for approval.

Harris/Curtin Sewer Rehabilitation

HRG is scheduling our surveyors to replace several property corner monuments along the sewer rehabilitation.

Chemcut Pump Station Rehabilitation

The project is currently on hold, as the property owner may not grant the additional land necessary for the relocated pump station

Project Name	Design /As-Built	Status	Date
Benner Pike Shops	As-Built	Recommend Approval	12/06/04
Wooded Hills	Design	Comments to staff	11/10/04
Kish Bank	As-Built	Recommend Approval	11/18/04
Tradition Point Phase 1-C	As-Built	Recommend Approval	11/18/04
Golden Orchard Estates, Phase 2	As-Built	Recommend Approval	12/20/04
Aaron Plaza	As-Built	Recommend Approval	12/20/04
Cobblecreek Manor Two	As-Built	Recommend Approval	12/20/04
Foxpointe PRD – Section 1-D	As-Built	Recommend Approval	12/20/04
Saybrook, Phase 7, Section 8	As-Built	Recommend Approval	01/07/05
Oakwood Centre	Design	Comments to staff	01/07/05

7.6 Executive Director’s Report

Allocation of Beneficial Reuse Water – COG Public Services Committee

A report on the findings of the Public Services Committee regarding distribution and marketing of Beneficial Reuse Water has been referred to COG General Forum for discussion and action. The report is included in your packet.

Act 537 Plan 2005 Update

A request for proposals has been mailed to prospective firms and advertised by the Centre Region Planning Agency. Responses are due Monday, January 17. CRPA hopes to have a consulting firm under contract by mid March.

8. Other Business

- 8.1 Mr. Smith informed the Board that correspondence was received from EMC Insurance regarding the territory filter claim. This claim has been denied. The Board asked that a letter from the Authority’s solicitor be sent to the insurance company and also to the contractor who originally installed the filters in the plant expansion of 1989-1992.
- 8.2 Mr. Smith informed the Board that the new office furniture should be here for the next meeting. The furniture has been purchased through State Contract and will save the Authority approximately \$9,000. Mr. Smith thanked Ms. Cowan, Purchasing Agent, for her diligence in pursuing the best price for all of the Authority’s purchases.
- 8.3 Mr. Miller informed the Board that an employee, Denny Grove, fell from a ladder on January 13th. Mr. Grove broke his hip and had to have complete hip replacement surgery. Mr. Grove is at home and is expected to be off work for several months.

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:47 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 16, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:03 p.m. Wednesday, February 16, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Lapinski, McShea, Schmalz, Schwab, Zeigler, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel and Jason Wert, HRG; Mark Whitfield, Borough of State College; Dick Campbell, Solicitor; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – January 19, 2005

The Board considered the UAJA minutes of the Regular Meeting held on January 19, 2005 and offered the following motion:

**UAJA
January 19, 2005
Meeting Minutes
Approved as Amended**

A motion was made by Mr. Schmalz, seconded by Mr. Zeigler, to approve the minutes of the UAJA Regular Meeting held on January 19, 2005. The motion passed unanimously.

4. Public Comment Period

None

5. Old Business

5.1 Final Design - Oakwood Center Sewer Extension

Final design drawings for the Oakwood Center sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 11 EDU's in two commercial units. The review comments have been addressed.

**Final Design -
Oakwood Center
Sewer Extension
Approved**

A motion was made by Mr. McShea, seconded by Mr. Lapinski, to approve the Final Design – Oakwood Center Sewer Extension. The motion passed unanimously.

5.2 Discussion of COG Public Services Committee Report on Allocation of Reuse Water

At the last board meeting, UAJA briefly discussed the report from the COG Public Services Committee concerning the allocation of beneficial reuse water. A subcommittee was formed to review the document. The committee met by attending the Public Services Committee meeting on February 9th, and then discussing the report afterwards. The following are the draft comments for consideration for sending on to COG:

- 1) UAJA agrees that a significant quantity of water should ultimately be reserved for improving the environment, particularly Spring Creek and its tributaries. This was the entire basis for the project – Improving the environment, economy, and quality of life in the region. As the future phases of the project are constructed, this is achievable. However, in phase 1 there is no discharge, all 750,000 gallons per day are allocated in the Act 537 Plan for industrial and commercial reuse.
- 2) It is important to remember that the goal of the project is to move high quality water higher in the watershed, or replace with reuse water that which is currently or in the future being pumped out of the aquifer higher up in the watershed. Deviating from this goal will quite likely result in challenges to the action. In particular, environmental groups across the State which often challenge permitting actions were satisfied that Spring Creek would be protected as a result of this goal.
- 3) UAJA needs more specific guidance on what to charge for the water. UAJA produces the water which then becomes a resource of the community. It is up to the community to decide what should be charged for the water. An example of wording which would clearly tell UAJA what to do would be “UAJA should enter into contracts for water service with users along the phase 1 transmission line offering the water for a rate which recovers the per gallon cost of pumping the water. During the first five years the price should be fixed, thereafter, it should steadily increase to ultimately recover the full cost of producing reuse water. A suggested goal for meeting this requirement is 20 years.”
- 4) The Council of Governments should decide if it wants to use the reuse water as an economic development tool and develop a program to aggressively attract businesses to the phase 1 corridor that will both use reuse water and add value to the community. The alternative is to just wait and see what decides to locate there on its own. If a program is to be developed, it should have specific goals and adequate resources to do the work. A single entity should be responsible for the development and implementation of the program. UAJA is not an economic development authority.
- 5) All entities in the region should not forget that water conservation at the point of use is still a very important component of managing the watershed. The region does quite well compared to the national average. However, a more aggressive regional approach may result in additional benefit. Some examples would be developing and adopting regional goals for conservation similar to goals established for solid waste recycling, and perhaps requiring reuse water to be used for new construction when it is available adjacent to the property.

6. New Business

6.1 Change Order # 1-25

This change order is for a collection of items including Deleting a gantry hoist for the dewatering building, and replacing it with a rail hoist system. The design included a portable gantry crane to remove the bowls of the centrifuges for maintenance. It was determined that the designed system would not work. The second item is to repair the concrete floor of the control building which was damaged from years of vibration from the old blowers. Third is the replacement of two alum feed pumps which will provide for more consistent metering of the alum feed. Fourth is relocation and addition to a storm sewer which was found to be in conflict with an existing duct bank (not clearly shown on previous as-built drawings). Finally, a deduct for reimbursing UAJA for damage done to the phone system in the administration building. The amounts are shown on page 2 of the HRG report (Table near bottom of the page). The net change order is \$59,851.27.

**Change Order # 1-25
 Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Zeigler, to approve Change Order # 1-25 in the amount of \$59,851.27. The motion passed unanimously.

6.2 Change Order # 4-13

This change order is for miscellaneous additions from omissions on the design drawings. The amounts are shown in the table on page 2 of the HRG report.

**Change Order # 4-13
 Approved**

A motion was made by Mr. McShea, seconded by Mr. Schwab, to approve Change Order # 4-13 in the amount of \$19,838.75. The motion passed unanimously.

6.3 Requisitions

Construction Fund Stage 6-201	App. #32 Myers	\$432,186.87
Construction Fund Stage 6-202	App. #21 Johnson	\$11,191.00
Construction Fund Stage 6-203	App. #30 Biter	\$47,389.96
Construction Fund Stage 6-204	HRG-RPR # 32	\$51,230.53
Construction Fund Stage 6-205	HRG-CM #33	\$12,502.50
Construction Fund Stage 7-206	App. #5 Laurel	\$146,088.15

**Construction –
 Requisitions
 Approved**

A motion was made by Mr. Zeigler, seconded by Ms. Barnes, to approve the Construction Requisitions. Motion passed unanimously.



BRIF

Req. #34

\$3,000.00

**Bond Redemption &
Improvement Fund
Requisition
Approved**

A motion was made by Mr. Schmalz, seconded by Mr. McShea, to approve the Bond Redemption & Improvement Fund Requisition. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending January 2005 was presented to the Board for their review.

7.2 Chairman's Report

No report.

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 January was 5.07 mgd with the average for the month being 6.39 mgd.

There were no inspections of the plant by DEP this month; however DEP inspected the Compost Facility on February 9th, 2005 with no violations noted.

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

Plant Maintenance

- Both mixing shafts broke on the new polymer system. Replacement shafts are being sent to us as a warranty condition. The broken shafts were sent out to be welded and were reinstalled and will remain in use until the replacements arrive.
- The water lines to the Odor Control System froze and broke during the last cold snap. These lines were replaced and the system is back in operation.
- The air compressor failed and was replaced on the grit removal system under warranty. The system is now in operation.
- Repaired a water leak in the plants' potable water system found between the Control Bldg. and the Main office Bldg. This was done to insure our lines were capable of taking township water. As of January 17th, 2005, we are utilizing township water. To date we are using approximately 2500 gallons per day.
- The power supply for the tertiary filter control panel failed and was replaced, again under warranty from Leopold.

Compost

- We produced 6697 cubic yards of compost during the calendar year 2004 and sold 1666 cubic yards.
- As of the end of January, 2005, we have produced 1738 cubic yards of compost.
- The drive chain for the Knight mixer broke. Parts from the spare mixer were utilized until a new chain and sprocket are received from the manufacturer. This is also a warranted item.

On January 13th, 2005, Denny Grove of the maintenance staff fell from a ladder breaking his hip. He required a hip replacement and will be off for 3-4 months. I would like to wish him a speedy recovery.

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 – None

(UA) Lateral Repairs – None

(UA) Mainline Cleaning – (33 manholes inspected- 6186 feet cleaned)

(UA) Mainline Repairs – None

(UA) Manhole Repairs – (1) 103C-5

(UA) Manhole Casting Repairs – (31)

(FTA) Lateral Installations – None

(FTA) Lateral Repairs – None

(FTA) Mainline Cleaning – (2 manholes inspected- 400 feet cleaned)

(FTA) Mainline Repairs – None

(FTA) Manhole Repairs – None

(FTA) Manhole Casting Repairs – None

We have been brushing out several of our Interceptor R.O.W.'s and performed routine equipment maintenance. We also cleaned the shop and did truck maintenance as well as securing shelving materials for our new building, which we hope to get moved into as soon as possible.

I/I INSPECTION:(We TV'd 4737 ua/400 fta feet of mainline and inspected 20 ua/2 fta MH's.)

Tested/Grouted – (1MH/1MH) Estimated I/I-flow decreased – (14,400gpd.= 82 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 flushed and completely emptied the wet well of debris at eight (8) stations. We also replaced a faulty generator block heater and receptacle at the Graysdale 2B station.

INSPECTION: Provisional As-builts Approved: Saybrook Phase 7, Hunters Chase Phase 3

Mainline Construction:

- a. Foxpointe Phase 5 – Construction is approximately 25% completed.
- b. Haymarket, Lot 801 – Construction is approximately 25% completed
- c. Thistlewood – Construction is approximately 50% completed.
- d. College Court Apts. – Construction is approximately 80% completed.
- e. Tradition Cove II – Construction is approximately 80% completed.
- f. Varsity Hollow – Construction is approximately 80% completed.

New Connections:

a.	Single-Family Residential	10	c.	Commercial	9
b.	Multi-Family Residential	3	d.	Industrial	0
					TOTAL 22

7.5 Engineer’s Report

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

Tapping Fee Analysis

HRG is beginning to work on the tapping fee analysis for UAJA and the State College Borough Water Authority per Cory’s direction.

Beneficial Reuse

Stage 6 Additions and Modifications Construction Phase (1178.104)

We continue to perform Construction Administrative functions for the project including responding to problems, producing and updating punchlists and processing submittals. The following is a list of most process units and their status:

Process Unit	Status
College Harris Pump Station	Partial Utilization – in operation
Headworks/Grit	Partial Utilization – in operation
Primary Clarifiers	Effluent troughs fixed; New control system operational.
Aeration Tanks	#1 & #2 being operated; #3 backfilling
Secondary Clarifier #4	Partial Utilization – in operation
Secondary Clarifier Pump Station	Partial Utilization – in operation
Intermediate Pump Station	Structure complete
Tertiary Filters	Partial Utilization – in operation
Utility Water Pumps	Placed back into operation after pumps were corrected
UV	Partial Utilization – in operation
Chemical Addition	Alum tank moved; completing mechanical work
Dewatering	Partial Utilization – in operation
Compost	Partial Utilization – in operation
AWT Feed Pump Station	Equipment started – ready to run when AWT completed
AWT Building	USFilter doing check-out/start-up of MF Systems

Contractors continue to work on punch list items of the major processes as well as addressing common issues as they appear. The majority of the work is centered on the continued construction for Aeration Tank #3, installation of the Advanced Water Treatment Systems, completing the Chemical Addition and yard piping. The Control Building continues to proceed with the installation of flooring and lab equipment. The SCADA system continues to be programmed.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 02-2, 02-3, and 02-4:* The logs track the

Application for Payments to date as well as Change Orders approved.

2. *Change Order Request Logs:* The log lists all the Change Order Requests (COR) the Contractors have submitted or we have requested to date, as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #33 is attached, which describes the construction activities that occurred during the past month for your information.

Stage 7 Additions and Modifications (Transmission Line Phase I) Construction Phase

The Contractor has remobilized to complete a portion of the remaining work and has provided a written schedule for the remainder of the items to be completed (attached for your reference).

A defective work notice was sent to Laurel Management Company on December 20, 2004 detailing the failures on the first 900’ of Spring Valley Road. Laurel Management has not provided a timetable for completion of this line replacement. As the date for substantial completion is February 15, 2005, HRG will be advising Laurel Management Company of their failure to complete the project within the time allotted by the Contract Documents.

Water Service Extension

The Potable Water Service to the Plant is complete and fully operational.

Change Orders:

We recommend approval of the following:

No.	Contract	Description	Subtotal	Total
1-25	General	DELETE GANTRY CRANE AND HOIST	\$ (14,500.00)	
		REPAIR EXISTING CONCRETE FLOOR LOWER CONTROL BUILDING	\$ 3,467.55	
		2 ALUM FEED PUMPS	\$ 5,658.00	\$ 59,851.27
		MONORAILS FOR CENTRIFUGES	\$ 60,791.99	
		RELOCATE STORM SEWER - ADD 70 LF	\$ 4,977.84	
		RE-FEED TELEPHONE DUCTBANK AT ADMIN	\$ (544.11)	
		4-13	Electrical	POWER TO PROJECTION SCREEN IN ADMIN ROOM
		CABLE TO UV	\$ 262.76	
		RE-WORK RECEPES AND SWITCHES IN CHEM ADD	\$ 422.64	
		BREAKER FOR HP IN ADMIN	\$ 600.32	
		BREAKERS IN CONTROL BUILDING	\$ 1,989.25	
		RE-FEED HEADWORKS DUCT HEATERS	\$ 8,764.67	
		FEEDERS AND PANELS FOR MIOX	\$ 7,513.04	
Total				\$ 79,690.02

Reasons for Change Order Items:

Deletion of specified equipment to install monorail system.

1-25	Condition of existing concrete floor needs repaired to install resinous flooring. Existing alum pumps need replaced. Monorail system required to remove the bowls of the centrifuges for service, etc. Ex. Electrical ductbank precludes installation as shown. Reimbursement for Owner's contractor to repair contractor damaged telephone lines.
4-13	New screen in administration conference room power. Run cable from flow meter totalizer to UV unit to operate UV properly. Relocate existing switches and receptacles in Chemical Addition in the way of new construction. Replace breakers in Administration building that were bad. Install new breakers and refeed the new electric duct heaters in the Headworks and Grit building for the correct amp draw. Install a sub-panel for the Miox Unit which requires three feeds, plans show one feed

The following table illustrates the impact of the Change Orders:

	General Construction	Plumbing	HVAC	Electrical	Total
Total Approved Change Orders	\$1,187,746.92	\$ 5,280.00	\$ (59,242.85)	\$ 164,534.36	\$ 1,298,318.43
Percentage Total Approved CO's vs. Original Contract	3.57%	1.58%	-2.02%	3.66%	3.05%
Percentage Current Recommended CO's vs. Original Contract	0.19%			0.44%	0.18%

Please note that we are actively working with the Electrical Contractor to complete two additional Change Order Requests but they have not been fully reviewed for action at the meeting. One is for an enclosure for the drain station drives for \$15,957.59. The other is the electrical portion of the monorail system which is for \$23,315.45.

Applications for Payment (All Projects):

We recommend payment of the following:

Contract	Contractor	App No.	Amount
General Construction	Allan A. Myers, LP	32	\$ 432,186.87
Plumbing	Robert Johnson Heating & Plumbing	21	\$ 11,191.00
Electrical	Bob Biter Electrical Enterprises, Inc.	30	\$ 47,389.96
Transmission Main	Laurel Management Company	5	\$ 146,088.15
			\$ 636,855.98

Cluster's Meter Chamber

HRG has completed all of the final closeout documentation and recommended the final payment applications for approval.

Harris/Curtin Sewer Rehabilitation

HRG is scheduling our surveyors to replace several property corner monuments along the sewer rehabilitation.

Chemcut Pump Station rehabilitation

The project is currently on hold, as the property owner may not grant the additional land necessary for the relocated pump station.

Plan Reviews

Project Name	Design /As-Built	Status	
Wooded Hills	Design	Comments to staff	11/10/04

Oakwood Center Parcel 2	Design	Recommend approval	1/27/05
Summit at Shiloh	Design	Comments to staff	1/27/05

7.6 Executive Director’s Report

Act 537 Plan 2005 Update

The Centre Region Planning Agency (CRPA) led a process to select the consultant for the Act 537 revision. Eleven firms submitted, and five were interviewed. The selection committee decided to recommend to the Council of Governments (COG) that the contract be awarded to HRG.

GIS Aerial Photography

Several entities within the region have joined together to have the Centre Region aerial photography updated. This new data will be at a much finer scale, and thus be more useful. UAJA was asked to participate in and help fund the effort. Since we routinely use this data, and since a commitment was needed very quickly, funds have been reallocated in the Information Technology budget to allow us to participate. The cost per participant will be less than \$6,000.

8. Other Business

Refinancing Update

Mr. Miller reviewed with the Board the Refinancing Update received from Lou Verdelli, Public Financial Management, regarding the floating-to-fixed Interest Rate Swaption. Mr. Miller stated that he could schedule Mr. Verdelli to come in and do a presentation for those who are interested. Mr. Zeigler and Mr. Lapinski, Treasurer and Assistant Treasurer, will be available for this presentation.

**Refinancing
Approved**

A motion was made by Ms. Barnes, seconded by Mr. Schwab, to authorize staff to begin the financial process for the Interest Rate Swaption with the proviso that UAJA will get at least \$1 million in savings. Motion passed unanimously.

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:47 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 – March 16, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:07 p.m. Wednesday, March 16, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Lapinski, McShea, Schwab, Zeigler, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel and Jason Wert, HRG; Dick Campbell, Solicitor; Pete Mercer, Trout Road resident; Tim Schreffler, Randy Rockey, Bob Hoffman, Ron Rovansek and Richard Manning, Representatives from the Emergency Training Center Planning Committee; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – February 16, 2005

The Board considered the UAJA minutes of the Regular Meeting held on February 16, 2005. Mr. Lahr informed the Board that he had corrected his report in the minutes to reflect items that were inadvertently left out of his written report to the Board. The following motion was offered:

<p style="text-align: center;">UAJA February 16, 2005 Meeting Minutes Approved as Amended</p>
--

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to approve the minutes of the UAJA Regular Meeting held on February 16, 2005 as amended by Mr. Lahr. The motion passed unanimously.

4. Public Comment Period

None

5. Old Business

5.1 Emergency Training Center Presentation

Representatives from the Emergency Training Center Planning Committee will be present to discuss the proposed location of the Training Center at UAJA. Mr. Hoffman, the architect for the project, presented a very preliminary site plan and answered questions about the Training Center. Mr. Schreffler reviewed with the Board the handout which described the type of buildings and functions that would occur on this site. Mr. Lapinski stated that he is more concerned with other items than just the type and functions of the buildings. Mr. Lapinski along with other Board members offered the following concerns: parking, traffic, accelerant fuels, utilities, benefits to UAJA and the community, good neighbor issues, percentage distribution as to use during the day, night and weekends. The Board discussed this project further and decided that a work session

needed to be scheduled for question and answers to be addressed. This work session will be held on March 30, 2005 beginning at 4:00 p.m. at the Authority's meeting room.

5.2 Route Selection – Stage 8 Additions (Beneficial Reuse line extension)

College Township Council recommended the Rt. 26/bikepath route to be considered based on PennDOT deciding that the reuse water lines could be installed in the right of way, the lower operating cost, and the future options for replenishing stream flow at multiple locations. The Centre Region Council of Governments concurred, and, at their February meeting, approved the route as the preferred route. HRG gave a summary of the routes considered, and a more detailed look at the advantages of the recommended route.

Route Selection – Stage 8 Additions (Beneficial Reuse Line Extension) Approved

A motion was made by Mr. Dempsey, seconded by Mr. DeWolfe, to approve the Route 26/bikepath route as the final route for the Stage 8 additions project. The motion passed unanimously.

5.3 Contract 2005-02 Engineering Services For Design Of Stage 8 Additions

Since the Centre Region and PennDOT have given their approval for the Rt. 26 alignment, I already authorized HRG to begin setting up a process to get at least the work finished that would allow UAJA to obtain a highway occupancy permit from PennDOT. It is very important to obtain this permit as early as possible, because PennDOT may change their mind. The proposed contract is a lump sum contract for the preliminary and final design. Bid phase services and construction phase services would be determined at a future date.

While it is possible to slow down and solicit proposals from other firms, it would take at least two months to begin the work on the highway occupancy permit. I am very concerned that PennDOT may change its mind, and do not recommend that we delay the design.

Contract 2005-02 Engineering Services For Design Of Stage 8 Additions Approved

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve Contract 2005-02 Engineering Services For Design Of Stage 8 Additions in the amount of \$185,700. The motion passed unanimously.

5.4 Final Design – Fairfield Park Sewer Extension

Final design drawings for the Fairfield Park sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 70 EDU's of commercial development. The review comments have been addressed.

Final Design – Fairfield Park Sewer Extension Approved

A motion was made by Mr. Zeigler, seconded by Mr. Lapinski, to approve the Final Design – Fairfield Park Sewer Extension. The motion passed unanimously.

5.5 Final Design – Independence Place Phase 4 Sewer Extension

Final design drawings for the Independence Place Phase 4 sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 75 EDU's in apartment units. The review comments have been addressed.

**Final Design –
Independence Place
Phase 4 Sewer
Extension Approved**

A motion was made by Mr. McShea, seconded by Mr. Schwab, to approve the Final Design – Independence Place Phase 4 Sewer Extension. The motion passed unanimously.

6. New Business

6.1 Contract 2005-01 Rental Equipment Rates

On Tuesday, February 22, 2005 at 2 pm bids were opened for the purchase of Rental Equipment on Contract #2005-01 for the period of January 1 through December 31, 2005. The contract consisted of two separate articles. The bids that were submitted are as follows:

Article #1 - Tandem Dump Truck w/Operator

\$53.75/hr	George Robb
\$59.00/hr	Stone Valley Construction

Article #2 - Track Loader w/o Operator

\$3646.00/mo	Foster Wineland
\$3885.00/mo	Groff Equip.

Staff recommended to award Article #1 to George Robb and award Article #2 to Foster Wineland.

**Contract 2005-01 Rental
Equipment Rates
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to approve Contract 2005-01 Rental Equipment Rates by awarding to George Robb (Article 1, \$53.75 per hour) and Foster Wineland (Article 2, \$3,646.00 per month). The motion passed unanimously.

6.2 Change Order # 1-26

This change order is for items listed on page 2 of the HRG report (Table near middle of the page). Dick Lahr's office was missed in the design drawings. The repowering of the temperature meter is being deducted from the contract because UAJA paid for the change directly outside of the contract. The net change order is \$1,181.46.

**Change Order # 1-26
 Approved**

A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to approve Change Order # 1-26 in the amount of \$1,181.46. The motion passed unanimously.

6.3 Change Order # 4-14

This change order is for items listed on page 2 of the HRG report (Table near middle of the page). The dewatering monorail changes are a result of having to replace the gantry crane with a monorail crane to be able to lift the centrifuges for maintenance. There were several power cord reels which supply power to moving cranes in the AWT building and AWT feed pump station. Finally, an enclosure is needed for the variable frequency drives at the drain station. Originally this VFD was to be housed in a nearby building, but the drain station had to be relocated because of underground piping conflicts.

**Change Order # 4-14
 Approved**

A motion was made by Mr. Zeigler seconded by Ms. Barnes, to approve Change Order # 4-14 in the amount of \$51,897.37. The motion passed unanimously.

6.3 Requisitions

Construction Fund Stage 6-207	App. #33 Myers	\$79,900.04
Construction Fund Stage 6-208	App. #26 McCrossin	\$84,673.24
Construction Fund Stage 6-209	App. #31 Biter	\$95,352.44
Construction Fund Stage 6-210	HRG-RPR # 33	\$50,573.29
Construction Fund Stage 6-211	HRG-CM #34	\$9,562.28
Construction Fund Stage 7-212	App. #6 Laurel	\$40,755.00

**Construction –
 Requisitions
 Approved**

A motion was made by Mr. Dempsey, seconded by Mr. DeWolfe, to approve the Construction Requisitions. Motion passed unanimously.

BRIF (Overlook Heights ROW's)	Req. #35	\$14,281.00
BRIF (Board Rm. Furniture)	Req. #36	\$ 8,081.57

**Bond Redemption &
 Improvement Fund
 Requisition
 Approved**

A motion was made by Mr. Coe, seconded by Mr. McShea, to approve the Bond Redemption & Improvement Fund Requisition. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending February 2005 was presented to the Board for their review.

7.2 Chairman's Report

No report.

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 February was 5.10 mgd with the average for the month being 5.06 mgd.

John Sengle from DEP was on the plant site February 16th, 2005 in response to a reported spill. This was caused by the contractor breaking the primary feed line to aeration tank #2. The spill was contained and the line repaired within a few hours and the effected area was treated with lime.

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

Plant Maintenance

- Two ballasts, a lamp, and an intensity probe were replaced by the maintenance staff. These items were under warranty.
- Heat pump #7 failed and is being scheduled to be replaced at a cost of \$1648.00. This pump is over 14 years old and repair parts are hard to obtain. To replace the item is more cost effective then to repair it.
- The #4 primary gate valve failed and was repaired with spare parts kept from demolition.
- The heater hoses on the Plant Emergency Generator were replaced.
- We are experiencing high temperature problems on #2 Atlas-Copco air compressor in the Primary Bldg. We are working with our engineers to resolve this issue. Both units are still under warranty.
- A micro switch failed in the switch panel for the Main Station Generator not allowing the generator to shut down after test running. Bridgeway Power was called in to troubleshoot and replace the switch.

Compost

- As of the end of February, 2005, we have produced 3,220 cubic yards of compost and sold 987 cubic yards.
- The hydraulic check valves for the front bucket controls on our old Case skid steer were replaced by Groff Tractor.

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 – None
 - (UA) Lateral Repairs – (1) 614 Kennard Rd.
 - (UA) Mainline Cleaning – (9 manholes inspected- 1550 feet cleaned)
 - (UA) Mainline Repairs – (2) 25’ VCP replaced w/DIP Martin St. - 80’ PVC concrete encase Fox Hill Rd.
 - (UA) Manhole Repairs – None
 - (UA) Manhole Casting Repairs – (15)
 - (FTA) Lateral Installations – None
 - (FTA) Lateral Repairs – (1) Plugged lateral @ 390 Selders Circle for Ferguson Twp.
 - (FTA) Mainline Cleaning – (13 manholes inspected- 1521 feet cleaned)
 - (FTA) Mainline Repairs – None
 - (FTA) Manhole Repairs – (5) Grouted
 - (FTA) Manhole Casting Repairs – (1)
- We have been brushing out several of our Interceptor R.O.W.’s and performed routine equipment maintenance.

I/I INSPECTION: (We TV’d 301 ua/879 fta feet of mainline and inspected 4 ua/9 fta MH’s.) Tested/Grouted –FTA (5MH/5MH + 176/4 Jts) Estimated I/I-flow decreased – (25,200gpd.= 144 EDU’s) (50.3 Gal. of grout used). 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 wear rings on both pumps at Aspen Hts. and replaced 2 impellers at Harris Dr. This will reduce run time as well as increase the output volume.

INSPECTION: Provisional As-builts Approved: Saybrook Phase 7, Hunters Chase Phase 3

Mainline Construction:

- a. Foxpointe Phase 5 – Construction is approximately 30% completed.
- b. Haymarket, Lot 801 – Construction is approximately 80% completed
- c. Thistlewood – Construction is approximately 75% completed.
- d. College Court Apts. – Construction is completed. TV inspection completed.
- e. Tradition Cove II – Construction is completed. TV inspection completed.
- f. Varsity Hollow Ph1 – Construction is approximately 90% completed.
- g. Varsity Hollow Ph2 – Construction is approximately 40% completed.
- h. Rolling Ridge – Construction is set to start soon.

New Connections:

a.	Single-Family Residential	27	c.	Commercial	1
b.	Multi-Family Residential	0	d.	Industrial	0
					TOTAL 28

7.5 Engineer’s Report

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

Tapping Fee Analysis

HRG is beginning to work on the tapping fee analysis for UAJA and the State College Borough Water Authority per Cory's direction.

Beneficial Reuse

Stage 6 Additions and Modifications Construction Phase

We continue to perform Construction Administrative functions for the project including responding to problems, producing and updating punchlists and processing submittals. The following is a list of most process units and their status:

Process Unit	Status
College Harris Pump Station	Partial Utilization – in operation
Headworks/Grit	Partial Utilization – in operation
Primary Clarifiers	Effluent troughs fixed; New control system operational.
Aeration Tanks	#3 Scheduled to start-up 3/17
Secondary Clarifier #4	Partial Utilization – in operation
Secondary Clarifier Pump Station	Partial Utilization – in operation
Intermediate Pump Station	#3 Scheduled to start-up 3/17
Tertiary Filters	Partial Utilization – in operation
Utility Water Pumps	Placed back into operation after pumps were corrected
UV	Partial Utilization – in operation
Chemical Addition	Alum tank moved; completing mechanical work
Dewatering	Partial Utilization – in operation
Compost	Partial Utilization – in operation
AWT Feed Pump Station	Equipment started – ready to run when AWT completed
AWT Building	US Filter doing check-out/start-up of MF Systems

Contractors continue to work on punch list items of the major processes as well as addressing common issues as they appear. The majority of the work is centered on the continued construction for Aeration Tank #3, start-up of the Advanced Water Treatment Systems, and yard piping. The Control Building continues to proceed with the installation of flooring and lab equipment. The SCADA system continues to be programmed and tested. The HVAC Contractor is complete and we are working on the Substantial Completion Certificate along with the punchlists. The General Contractor has given a plan to complete the project which we will discuss at the meeting. The Electrical and Plumbing Contractors completion is dependant upon the General Contractors work.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 02-2, 02-3, and 02-4:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Change Order Request Logs:* The log lists all the Change Order Requests (COR) the Contractors have submitted or we have requested to date, as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #34 is attached, which describes the construction activities that occurred during the past month for your information.

Stage 7 Additions and Modifications (Transmission Line Phase I) Construction Phase

On February 21, 2005, HRG notified Laurel Management Company that the contract time for substantial completion had lapsed and requested an updated project schedule and list of

remaining items for completion. UAJA and HRG met with Laurel Management Company on March 8, 2005 to discuss the defective work remaining and have worked towards a successful resolution of the piping installation. Laurel Management Company is procuring the required materials and expects to remobilize shortly to reinstall the defective portion of piping along Spring Valley Road.

Change Orders:

We recommend approval of the following:

No.	Contract	Description	Subtotal	Total
1-26	General	INSTALL CARPET IN MR. LAHR'S OFFICE	\$ 2,830.71	\$ 1,181.46
		RE-POWER TEMPERATURE METER	\$ (1,649.25)	
4-14	Electrical	DEWATERING MONORAIL CHANGES	\$ 23,315.45	\$51,897.37
		POWER CORD REELS FOR HOISTS	\$ 12,624.33	
		ENCLOSURE FOR DRAIN PUMP STATION VFD'S	\$ 15,957.59	
			Total	\$ 53,078.83

Reasons for Change Order Items:

1-26	Remove existing flooring and install carpet in Mr. Lahr's office as requested. Reimburse Owner for damage repair.
4-14	Relocate power and control conduit and wiring to allow monorail installation on centrifuges. Install power cord reels to allow full motion of hoists in AWT building and AWT Feed Pump Station. Install an enclosure on Drain Station to house the VFD's. Distance is too great to install in control building.

The following table illustrates the impact of the Change Orders:

	General Construction	Plumbing	HVAC	Electrical	Total
Total Approved Change Orders	\$1,247,598.18	\$ 5,280.00	\$ (59,242.85)	\$ 184,373.11	\$ 1,378,008.44
Percentage Total Approved CO's vs. Original Contract	3.75%	1.58%	-2.02%	4.10%	3.24%
Percentage Current Recommended CO's vs. Original Contract	0.00%			1.15%	0.13%

Applications for Payment (All Projects):

We recommend payment of the following:

Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	33
02-3	HVAC	G.M. McCrossin, Inc.	26
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	31
03-3	Transmission Main	Laurel Management Company	6

Plan Reviews

Project Name	Design /As-Built	Status	
Wooded Hills Development	Design	Comments to staff	On Hold
Summit at Shiloh	Design	Recommend approval	1/27/05
Fairfield Park	Design	Recommend approval	2/22/05
College Court Apartments	As-Built	Received for Review	3/8/05

7.6 Executive Director’s Report

Act 537 Plan 2005 Update

The Centre Region Planning Agency (CRPA) is in the process of negotiating a contract with HRG for engineering services for the plan update. A scope of work has been approved by DEP. A summary of scope of work will be provided by CRPA at the meeting.

College Township Water Authority Charge For Service Replacement

The College Township Water Authority has determined that the amount that they will need to be paid to not incur a financial loss from UAJA replacing CTWA water with reuse water is approximately \$3.90 per 1000 gallons. This amount is based on removing their electrical and chemical costs from their user charge. \$3.90 per 1000 gallons is approximately ten percent less than the CTWA rate per 1000 gallons.

Health Insurance

Mr. Miller informed the Board that the Union has decided to stay with the current health insurance plan. They wish to work over the next year to receive quotes for comparable health care. Since the payroll contribution of 6.5% is just beginning they felt the additional time would allow them to make a more informed decision.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:47 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

Work Session Meeting – March 30, 2005

1. Call to Order

Ms. Bressler called the work session meeting of the University Area Joint Authority to order at 4:10 p.m. Wednesday, March 30, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Dempsey, DeWolfe, McShea, Schmalz, Schwab, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Tim Schreffler, Mike Kline, Butch Dry and Jim Steff, Representatives from the Emergency Training Center Planning Committee; and Kathy Wheeler, Recording Secretary.

3. Emergency Training Center Presentation

Representatives from the Emergency Training Center Planning Committee were present to discuss the concerns that were brought up at the regular Board meeting of March 16, 2005. Mr. Schreffler reviewed with the Board the handout which outlines UAJA's position to construct an Emergency Services Training Center and the Training Center Planning Committee response to the concerns. These were as follows:

1. No hoses during the weekday.

Because of various work shifts, Emergency Response Personnel (ERP's) have the opportunity to work on task such as hose testing, hose deployment evolutions, and rotating hose loads throughout the work week without interfering with their personal lives or other required activity such as training. In addition, there are ERP's from industry and other entities that would benefit using the site for the mentioned activities. CPI (Protective Services) would also be affected due to the school schedule.

2. Only small groups of 20 or less during the weekday.

The anticipated number of students during this timeframe will vary. There may be as many as 50 onsite using various training modules. One of our expectations is to schedule a County Training weekend that could begin as early as a Thursday and continue through Sunday.

3. No parking on the road. Parking could be at the upper existing job trailer lot.

It is understood all travel ways would require un-restricted passage and would be honored.

4. No big equipment during the weekday.

It is unclear what “big equipment” means, however, the emergency apparatus will vary depending on its use. All apparatus would at one time or another be on site for either pump testing, ladder testing, or for general training. Regarding other traffic, access to the roadways would be required for Police, Fire and EMS for Emergency Vehicle Operations Training.

5. What frequency would the UAJA site be used during the weekday?

The frequency is dependent upon personnel availability during this time. Frequent activity is expected.

6. No burns or smoke during the weekday.

The committee agreed to have the Operating Permit from 8:00 a.m. through 6:00 p.m. This cannot change.

7. One person (of someone designated) in charge at all times.

The Operational Procedure has addressed this in addition to various standards in place from the National Fire Protection Association (NFPA 1403). Additionally, this procedure outlines the level of training the “person in charge” must have. This is required.

8. UAJA would need at least two weeks notice of any scheduled event.

There will be a calendar of events (training) that outlines who is at each training module. All training will be coordinated through the Centre County Emergency management Agency to prevent scheduling conflicts. A copy of this schedule can be provided as it is updated.

9. Only those groups associated with Centre County would use the site.

The procedure of use outlines “any” Emergency Service Organization that is part of a “mutual aid” response will be allowed to use the site. In addition, when training weekends are conducted, there will be personnel outside the mutual aid boundaries on site.

10. Certified Safety Office on site for all burns.

This request is covered in Item 7, (Operational Plan).

In summary, it would not be accurate to assume the training site would be used on a limited basis throughout the weekday. In addition to the constraints to the all volunteer fire services, restricted or limited to evening use only, would increase the cost of training for Police agencies and emergency Medical Services due to the requirements of paying overtime to their employees. Also, as stated above, the site would require access during daylight for the students from CPI regarding Protective Services Training.

The Centre County Emergency Services Training Committee is requesting full access to this location without time restrictions or contingencies of use.

Discussion was held regarding other emergency operations that would require high speeds (over 35 mph) and whether it would be possible for this operation to utilize the compost/dewatering roads or a possible access road onto Trout Road. UAJA also expressed concerns over their employees, customers and visitors being able to safely access the UAJA facilities while the emergency operations were being held. Following the review of the handout, suggestion was made for the Training Center Committee to consider the Buchenhorst tract off of Trout Road that is owned by UAJA. This site is approximately 22 acres and could be accessed from the UAJA collection maintenance facility road. An access road from Trout Road could be constructed but gated for emergency uses only. The committee stated that they would like to view this property and would then inform UAJA of their determination. The UAJA Board will make this a formal offer (if the “Committee” deems it to be a favorable site) at their meeting scheduled for April 20, 2005.

4. Adjournment

There being no further business to come before the Board, the work session was adjourned at 6:10 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 – April 20, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:07 p.m. Wednesday, April 20, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Lapinski, Schwab, Zeigler, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Brian Book, Doug Weikel, Jason Wert and Mark Garlicki, HRG; Scott Ethers, Solicitor; Mark Whitfield, Borough of State College; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – March 16, 2005 and Work Session Meeting – March 30, 2005

The Board considered the UAJA minutes of the Regular Meeting held on March 16, 2005. The following corrections were made:

- Page 1 under Emergency Training Center Presentation: add traffic as one of the concerns.
- Page 2 under Contract 2005-02 Engineering Services for Design of Stage 8 Additions: change PennDOT may change its mind instead of their mind.
- Page 3 under Contract 2005-01 Rental Equipment Rates: change It is our recommendation to read Staff recommended.

The following motion was offered:

UAJA March 16, 2005 Meeting Minutes Approved as Amended	A motion was made by Ms. Barnes, seconded by Mr. Zeigler, to approve the minutes of the UAJA Regular Meeting held on March 16, 2005 as corrected. The motion passed unanimously.
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The Board considered the UAJA minutes of the Work Session Meeting held on March 30, 2005. The following motion was offered:

UAJA March 30, 2005 Meeting Minutes Approved	A motion was made by Ms. Barnes, seconded by Mr. DeWolfe, to approve the minutes of the UAJA Work Session Meeting held on March 30, 2005. The motion passed unanimously.
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4. Public Comment Period

None

5. Old Business

5.1 Emergency Training Center Property Offer – Buchenhorst Tract

At the UAJA Board work session several Board members suggested that due to the significant daytime operations of the training site, sharing facilities would result in too many conflicts. A suggestion was made to have the 22 acre Buchenhorst tract considered. To continue with their consideration, the Emergency Training committee needs a tentative commitment from UAJA for the lease of the property.

**Emergency Training
Center Property Offer
– Buchenhorst Tract
Approved**

A motion was made by Mr. Coe, seconded by Ms. Barnes, to offer the Buchenhorst tract to the Emergency Training Center Planning Committee with a general understanding that a lease agreement will be prepared between UAJA and a governmental entity and which will ensure that UAJA is held harmless and that UAJA must approve any development plan for the property. The motion passed unanimously.

5.2 Final Design – Stearns Crossing Phases 5 and 6 Sewer Extension

Final design drawings for the Stearns Crossing Phases 5 and 6 sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 43 EDU's of single family residential development. The review comments have been addressed.

**Final Design – Stearns
Crossing Phases 5 and 6
Sewer Extension
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Lapinski, to approve Final Design – Stearns Crossing Phases 5 and 6 Sewer Extension. The motion passed unanimously.

6. New Business

6.1 Contract 2005-03 Trench Paving

On Monday, April 11th, 2005 at 2 pm bids were opened for our 2005 Trench Paving Contract. The bids that were submitted are as follows:

Hawbaker	\$50.20/sq yd + \$1.10/ln ft. for saw cutting
Schlegel Excavating	\$48.00/sq yd + \$2.00/ln ft. for saw cutting

Staff recommended awarding the contract to Schlegel Excavating for the price of \$48.00/sq yd + \$2.00/ln ft. for saw cutting. Contract documents were available for signature at the board meeting.

**Contract 2005-03
Trench Paving
Approved**

A motion was made by Mr. Coe, seconded by Mr. Schwab, to approve by awarding to Schlegel Excavating the Contract 2005-03 Trench Paving for \$48.00/sq yd and \$2.00/ln ft for saw cutting. The motion passed unanimously.

6.2 Rate Increase – Biosolids Processing

Staff has evaluated the rate being charged to outside entities for biosolids processing. Based upon 2004 usage and costs, the rate should be increased to \$2.84/100 gallons. (see worksheet provided in packet) The current rate is \$2.00/100 gallons.

**Rate Increase –
Biosolids Processing
Approved**

A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to approve the Rate Increase – Biosolids Processing. The motion passed unanimously.

6.3 Biosolids Processing – Huston Township

Huston Township Authority has recently constructed a WWTP to serve portions of that township. The Authority is interested in contracting with UAJA to process the biosolids produced. This agreement would match those already in place with Centre Hall and Port Matilda. In order for UAJA to accept HTA biosolids, a minor Modification to our composting permit will need to be completed. All costs associated with the permit modification are to be paid by Huston Township Authority. UAJA staff has been involved with the permit application process. Mark Garlicki of HRG is present representing HTA to answer any questions. By accepting the agreement HTA agrees to comply with the UAJA Industrial Pretreatment Program.

**Biosolids Processing –
Huston Township
Approved**

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve Biosolids Processing agreement with Huston Township. The motion passed unanimously.

6.4 Executive Session

**Adjournment to
Executive Session
Approved**

A motion was made by Mr. Lapinski, seconded by Ms. Barnes, to adjourn to an Executive Session at 4:38 p.m. The motion passed unanimously.

**Exit of the Executive
Session Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Schwab, to adjourn the Executive Session and resume the regular meeting at 4:55 p.m. The motion passed unanimously.

6.5 Change Order # 1-27

Upon completion of the executive session the Board took the following action:

**Change Order # 1-27
Approved**

A motion was made by Mr. Schwab, seconded by Mr. Lapinski, to approve Change Order 1-27 for 90 days of additional contract time with a negotiable sum of \$73,338.75 and the language is that it is stipulated in the handout as follows: AAM agrees that the execution of the Change Order #1-27 constitutes a waiver of all claims against the OWNER for the completed Work on the project, with the exception of outstanding Work that occurs in the flowing structures beyond the date shown in Change Order # 1-27: Advanced Water Treatment Building, Plant Drain Station, Plant SCADA System. The waiver of claims does not relieve the Contractor from its obligations to comply with the Contract Documents, terms of any special guarantees, correction of Defective Work appearing after the date of change Order #1-27 or previously identified by the ENGINEER/OWNER, and arising from unsettled Liens. The motion passed unanimously.

6.6 Change Order # 2-4

This Change Order is for items listed on page 2 of the HRG report (Table near middle of the page). This is for the addition of a water fountain that was missed in the drawings, and for a credit for patching in the control building.

**Change Order # 2-4
Approved**

A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve Change Order 2-4 in the amount of \$1,038.00. The motion passed unanimously.

6.7 Requisitions

Construction Fund Stage 6-213	App. #34 Myers	\$226,566.65
Construction Fund Stage 6-214	App. #32 Biter	\$52,027.38

**Construction –
Requisitions
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. DeWolfe, to approve the Construction Requisitions. Motion passed unanimously.

Revenue Fund	Requisition # 82	\$1,000,000
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**Revenue Fund
Requisition
Approved**

A motion was made by Mr. Coe, seconded by Mr. Schwab, to approve the Revenue Fund Requisition. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending March 2005 was presented to the Board for its review.

7.2 Chairman's Report

No report.

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 March was 5.04 mgd with the average for the month being 4.94 mgd.

There were no inspections of the treatment facility by DEP this month.

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

Plant Maintenance

- The control circuit, two lamps, a transformer and the hand switch were replaced for the flood lights on the RAS Bldg.
- The scum trough linkage was replaced on Primary Clarifier #4.
- Two lamps and a ballast were replaced on the UV system.
- Attempted to clean #1 Aeration Tank. We could not dewater the entire tank and are working with HRG to rectify this issue.
- HRG assisted in debugging the program for the pump controls in the Main Station.

Compost

- As of the end of March 2005, we have produced 4,768 cubic yards of compost and sold 1706 cubic yards.
- The rear overhead door derailed and was repaired. Measures were taken to prevent this from reoccurring.

Mr. Brant welcomed Denny Grove back to the maintenance staff. Denny was injured (broken hip) on January 13th, 2005.

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 – None
- (UA) Lateral Repairs – (1) 1959 Lauck St.
- (UA) Mainline Cleaning – (62 manholes inspected- 10,375 feet cleaned)
- (UA) Mainline Repairs – (1) 1959 Lauck St.
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (6)
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – (1) Mountain Rd.
- (FTA) Mainline Cleaning – (12 manholes inspected- 1,829 feet cleaned)
- (FTA) Mainline Repairs – None
- (FTA) Manhole Repairs – (1) Grouted
- (FTA) Manhole Casting Repairs – None

We have been brushing out several of our Interceptor R.O.W.’s and performed routine vehicle maintenance. TV inspected laterals in Pine Grove Mills. We also are doing prep work for the Overlook Hts. project.

I/I INSPECTION: (We TV’d 10,519ua/1,491 fta feet of mainline and inspected 61 ua/10 fta MH’s.) Tested/Grouted – (1uaMH/1ftaMH + 0/1 Jts) Estimated I/I-flow decreased – (14,400gpd. = 82EDU’s) (50.0 Gal. of grout used). 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 2 impellers at the Harris Drive station. We serviced all Stand-by generators.

INSPECTION: Provisional As-builts Approved: College Court Apts.

Mainline Construction:

- a. Foxpointe Phase 5 – Construction is approximately 40% completed.
- b. Haymarket, Lot 801 – Construction is approximately 90% completed
- c. Thistlewood – Construction is approximately 80% completed.
- d. Tradition Cove II – As-builts are under review.
- e. Varsity Hollow Ph1 – Construction is approximately 99% completed.
- f. Varsity Hollow Ph2 – Construction is approximately 90% completed.
- g. Rolling Ridge – Construction is approximately 10% completed.
- h. Benner Pike Shops – Construction is approximately 80% completed.
- i. Landings Ph 5 – Construction is approximately 40% completed.

New Connections:

a.	Single-Family Residential	20	c.	Commercial	0
b.	Multi-Family Residential	0	d.	Industrial	0
					TOTAL 20

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, producing and updating punchlists and processing submittals. The following is a list of most process units and their status:

Process Unit	Status
College Harris Pump Station	Partial Utilization – in operation
Headworks/Grit	Partial Utilization – in operation
Primary Clarifiers	Effluent troughs fixed; New control system operational, manufacturer check-out of new equipment
Aeration Tanks	In operation
Secondary Clarifier #4	Partial Utilization – in operation
Secondary Clarifier Pump Station	Partial Utilization – in operation
Intermediate Pump Station	#3 Scheduled to start-up
Tertiary Filters	Partial Utilization – in operation
Utility Water Pumps	#1 in operation
UV	Partial Utilization – in operation
Chemical Addition	New alum pumps in operation; old alum building demolished.
Dewatering	Partial Utilization – in operation
Compost	Partial Utilization – in operation
AWT Feed Pump Station	In operation
AWT Building	Began running MF units – compressor problems

Contractors continue to work on punch list items of the major processes as well as addressing common issues as they appear. The majority of the work was centered on the getting Aeration Tank #3 on-line; site grading; construction of parking areas; curbing and pavement patching. The Control Building continues to proceed with the operator’s break room now in the lower level with the new shower/locker room facilities. The SCADA system continues to be programmed and tested. The HVAC Contractor is complete and we are working on the Substantial Completion Certificate along with the punchlists. The General Contractor has given a plan to complete the project which we will discuss at the meeting. The Electrical and Plumbing Contractors completion is dependant upon the General Contractors work.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 02-2, 02-3, and 02-4:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Change Order Request Logs:* The log lists all the Change Order Requests (COR) the Contractors have submitted or we have requested to date, as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #35 is attached, which describes the construction activities that occurred during the past month for your information.

Stage 7 Additions and Modifications (Transmission Line Phase I) Construction Phase

Laurel Management Company has procured the required materials and remobilized on April 11, 2005 for completion of the removal and replacement of the defective portion of piping along Spring Valley Road. A Substantial Completion Inspection will be conducted once the defective piping is replaced and suitably pressure tested in accordance with the Contract Documents.

Change Orders:

We recommend approval of the following:

No.	Contract	Description	Subtotal	Total
1-27	General	TIME EXTENSION	90 DAYS	90 DAYS
2-4	Plumbing	DF-2 WATER FOUNTAIN IN AWT BUILDING	\$ 1,388.00	\$1,388.00
		PATCHING IN CONTROL BUILDING	\$ (350.00)	
			Total	
				\$ 1,038.00

Reasons for Change Order Items:

1-27	TIME EXTENSION TO COMPLETE WORK FOR VARIOUS REASONS
2-4	WATER FOUNTAIN SHOWN TO BE ROUGHED IN; NO FIXTURE SHOWN ON PLANS
	PORTION OF PATCHING THE LOWER LEVEL OF THE CONTROL ROOM FLOOR WAS CAUSED BY PLUMBERS WORK - REIMBURSEMENT

The following table illustrates the impact of the Change Orders:

	General Construction	Plumbing	HVAC	Electrical	Total
Total Approved Change Orders	\$1,247,598.18	\$ 5,280.00	\$ (59,242.85)	\$ 184,373.11	\$ 1,378,008.44
Percentage Total Approved CO's vs. Original Contract	3.75%	1.58%	-2.02%	5.25%	3.36%
Percentage Current Recommended CO's vs. Original Contract		0.31%			<0.01%

Plan Reviews

Project Name	Design /As-Built	Status	
College Court Apartments	As-Built	Recommend Approval	3/31/05
Steam's Crossing Phases 5 and 6	Design	Recommend Approval	4/8/05
Sedgefield North	Design	Comments to Staff	4/8/05
Tradition Cove II	As-Built	Recommend Approval	4/7/05

Act 57 Study

HRG and UAJA will be meeting on April 15, 2005 to begin work on the Act 57 Revisions to the Act 203 Study for the Authority.

7.6 Executive Director's Report

Act 537 Plan 2005 Update

The Centre Region Planning Agency (CRPA) and HRG have begun work on the plan. Early work focuses on sewer system computer modeling, and sanitary surveys and inspections of on-lot systems. Of particular interest to UAJA is the sewer system model, which will allow us to evaluate capacity issues in portions of our sewer system quickly.

COG Public Services Committee Beneficial Reuse Water Allocation

The Public Services Committee continued the discussion of the allocation of reuse water at its April 6th meeting. They decided to recommend to the COG General Forum that the Forum take action to advise UAJA that the municipalities believe that UAJA should pay CTWA the \$3.90 per 1000 gallons for customers that are transferred from CTWA water to UAJA water. They suggested that the revenue to pay CTWA could ultimately come from new reuse water customers that are not currently CTWA customers.

Scott Road Corrective Action Plan

The Corrective Action Plan has been submitted to DEP for approval. The first milestone of the CAP is to develop a flow monitoring plan and a sump pump/floor drain inspection plan by July 1, 2005. Development of these plans will require engineering assistance. Depending upon estimated costs, staff will be taking appropriate procurement actions to secure this assistance. More information will be provided at the May meeting.

Walter Patton

Mr. Miller informed the Board that Walter Patton will be retiring May 3, 2005 with 35 years of service. The Board thanked Mr. Patton for his years of service.

Correspondence Received from CBICC

Ms. Bressler read the letter received today from the CBICC addressed to her and Mr. Thomas Daubert, COG Chairman. The letter requests a meeting be scheduled with UAJA to discuss CBICC's concerns regarding the Beneficial Reuse Project. The letter further states that at the CBICC's Board of Directors meeting April 13, the Heritage 1 Committee apprised the CBICC Board of the status of the Beneficial Reuse Project and offered the following concerns:

- The original assumptions made seven years ago when devising the beneficial reuse project to control water discharge temperatures into Spring Creek should be re-examined to confirm their validity as the best solution for our community today.
- The cost of the Beneficial Reuse Project has grown from the original budget of \$21 million to a current UAJA estimate of \$66.1 million (in 2000 dollars).

- The escalating cost of user fees to existing and new business customers, which has grown by 24% during the past 36 months (\$63-2002 to \$78-2005) – and is expected to continue to escalate.
- The proposed maximum tapping fees of \$13,955 for future business customers compared to the current tapping fee of \$3,415.

Following discussion, the Board requested that CBICC be contacted to request in writing all their specific questions and a letter be drafted by UAJA staff to response to each specific question.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 6:48 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 – May 18, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:07 p.m. Wednesday, May 18, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lapinski, Schmalz, Schwab, Zeigler and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel, Jason Wert and Mark Garlicki, HRG; Scott Eppers, Solicitor; Mark Whitfield, Borough of State College; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – April 20, 2005

The Board considered the UAJA minutes of the Regular Meeting held on April 20, 2005 and offered the following motion:

**UAJA
April 20, 2005
Meeting Minutes**

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve the minutes of the UAJA Regular Meeting held on April 20, 2005. The motion passed unanimously.

4. Public Comment Period

None

5. Old Business

5.1 Final Design – Sedgefield North Sewer System and COLDS

Final design drawings for the Sedgefield North sewer system and Community On Lot Disposal System (Halfmoon Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer system will serve 23 EDU's of single family development. The review comments have been addressed for the sewer system. The treatment system review is not quite finished pending SEO review. If the SEO review is completed by the meeting both the sewer and treatment system can be approved.

**Final Design –
Sedgefield North Sewer
System and COLDS
Approved**

A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to approve the Final Design - Sedgefield North Sewer System and COLDS for the sewer design drawings only. The motion passed unanimously.

6. New Business

6.1 Contract 2005-04 Pipe and Fittings

On Tuesday, May 17th at 10 am bids were opened for Contract #2005-04, Pipe and Fittings. Two bids were received and staff is recommending that the contract be awarded to Exeter Supply in the amount of \$10728.15.

**Contract 2005-04 Pipe
and Fittings Approved**

A motion was made by Mr. Coe, seconded by Mr. Schwab, to approve by awarding to Exeter Supply the Contract 2005-04 Pipe and Fittings in the amount \$10,728.15. The motion passed unanimously.

6.2 Budget Revision – Stage 8 Design

At the March 16, 2005 Regular meeting of the UAJA Board, The board approved Contract 2005-02 – Engineering Services for Design of Stage 8 Additions in the amount of \$185,700. This project was not foreseen in the 2005 budget. A budget revision is required to create a budget line so invoices can be properly accounted.

**Budget Revision –Stage
8 Design Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Schmalz, to approve the Budget Revision – Stage 8 Design in the amount of \$185,700. The motion passed unanimously.

6.3 Budget Revision – Maintenance Van

\$50,000 was included in the 2004 budget for purchase of a new Maintenance Van for the Collection System crew. This van was ordered in September of 2004 and we had every expectation that we would take delivery in 2004. We did not. It was delivered in late January of 2005 and paid for in March 2005. We did not carry over the \$50,000 budgeted in 2004 to the 2005 budget. A budget revision is necessary to carry the money budgeted in 2004 forward into the 2005 budget.

**Budget Revision –
Maintenance Van
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve the Budget Revision – Maintenance Van in the amount of \$52,000. The motion passed unanimously.

6.4 Executive Session

**Adjournment to
Executive Session
Approved**

A motion was made by Mr. Coe, seconded by Mr. Lapinski, to adjourn to an Executive Session at 4:25 p.m. The motion passed unanimously.

**Exit of the Executive
Session Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Dempsey, to adjourn the Executive Session and resume the regular meeting at 4:30 p.m. The motion passed unanimously.

6.5 Change Order # 1-27

This Change Order extends the contract time and changes the contract amount to resolve conflicts, disputes and additional work per Article 12.03 of the General Conditions. It requires lining of Primary Clarifiers with waterproofing compound and reduces the contract amount for diminished value of the Primary Clarifiers. Since this is a contract negotiation with a potential lawsuit, staff recommends that discussion occurs in **Executive Session**.

**Change Order # 1-27
Approved**

A motion was made by Mr. Schwab, seconded by Mr. Coe, to approve Change Order 1-27. The motion passed unanimously.

6.6 2004 Audit

Draft copies of the Authority's Financial Statements, Management Letter, DCED Report, and legal advertisement will be distributed at the May 18, 2005 board meeting. Staff will entertain questions and comments over the next month, providing response and clarification as necessary. Our auditor, Rob Lent of Maher Duessel, will attend the June 15, 2005 board meeting. It is anticipated that approval of a final audit document will occur at that meeting.

6.7 Requisitions

Construction Fund Stage 6-215	App. #35 Myers	\$771,592.22
Construction Fund Stage 6-216	App. #22 Johnson	\$7,382.45
Construction Fund Stage 6-217	App. #33 Biter	\$49,180.22
Construction Fund Stage 6-218	App. #4 US Filter/Memcor	\$281,750.00
Construction Fund Stage 6-219	App. #34 HRG-RPR	\$48,690.82
Construction Fund Stage 6-220	App. #35 HRG-CM	\$806.32

Construction Fund Stage 6-221	App. #35 HRG-RPR	\$38,235.02
Construction Fund Stage 6-222	App. #36 HRG-CM	\$19,028.25

**Construction –
Requisitions
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. Zeigler, to approve the Construction Requisitions. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ending April 2005 was presented to the Board for its review.

7.2 Chairman's Report

No report.

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 April was 5.02 mgd with the average for the month being 5.23 mgd.

The treatment facility was inspected by John Sengle of DEP on May 10, 2005 with no discrepancies noted.

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

Plant Maintenance

- The control circuit, two lamps, a transformer and the hand switch were replaced for the flood lights on the RAS Bldg.
- The scum trough linkage was replaced on Primary Clarifier #4.
- Two lamps and a ballast were replaced on the UV system.
- Attempted to clean #1 Aeration Tank. We could not dewater the entire tank and are working with HRG to rectify this issue.
- HRG assisted in debugging the program for the pump controls in the Main Station.

Compost

- As of the end of April 2005, we have produced 6,449 cubic yards of compost and sold 2,982 cubic yards.
- The chain on Composter #3 jumped a tooth. The Composter was removed from service and moved to the side until the factory inspected it.

- The spare mixer at the Compost Facility was installed. The mixer was in service about two weeks when the chain broke. The factory is making arrangements to inspect the mixers.

Plant General

- Hand railing was installed on the high wall outside the Tertiary Building.
- The old Chlorine Contact was drained and cleaned. There are 8 lamps out, and one set of cleaning wipers are not working. All the spare parts have been installed. We are waiting for the necessary parts to repair the lights.
- The replacement Heat Pump for HP-7 has arrived and installation has begun.

Main Station

- The float switch for the sump pump in the dry side was replaced. The switch was defective.
- A problem was found in the programming for the pumps at the Main Station. Two pumps would turn on simultaneously. Jeff from HRG made the programming changes.
- There has been larger debris, including a two-liter plastic soda bottle floating in the wet well. The source is unknown.

The maintenance staff received training on the operation and maintenance of the new micro-filtration units.

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 – (2) Pine Hall Drive lot 2, Ron Dague Subdivision, Lemont

(UA) Lateral Repairs – None

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

(UA) Mainline Repairs – None

(UA) Manhole Repairs – None

(UA) Manhole Casting Repairs – None

(FTA) Lateral Installations – None

(FTA) Lateral Repairs – None

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

(FTA) Mainline Repairs – None

(FTA) Manhole Repairs – None

(FTA) Manhole Casting Repairs – None

We have completed restoration work at the Fox Hill (Wm. Marion) excavation site which had been concrete encased. We are approximately 30% complete with the Harris/Curtin replacement project. We are doing prep work in Pine Grove for the Reed Alley project which is upcoming.

I/I Inspection: (We TV'd 1,759' of mainline and inspected 11 MH's.)
 Tested/Grouted – (0' MH + 0' Jts) Estimated I/I-flow decreased – (0 gpd. = 0 EDU's)
 (0 Gal. of grout used). 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 impeller bolts at the Scott Rd. station and are making other repairs to two of those pumps. We have cleaned the wet wells at Kaywood and Haymarket as well as doing general maintenance on all of the stand-by generators.

Inspection: Provisional As-builts Approved: None

Mainline Construction:

- a. Foxpointe Phase 5 – Construction is approximately 95% completed.
- b. Haymarket, Lot 801 – Construction is approximately 92% completed
- c. Thistlewood – Construction is approximately 90% completed.
- d. Tradition Cove II – As-builts are under review.
- e. Varsity Hollow Ph1 – Construction is completed. We are awaiting As-builts.
- f. Varsity Hollow Ph2 – Construction is completed. We are awaiting As-builts.
- g. Rolling Ridge – Construction is approximately 90% completed.
- h. Benner Pike Shops – Construction is approximately 95% completed.
- i. Landings Ph 5 – Construction is approximately 95% completed.

New Connections:

a. Single-Family Residential	39	c. Commercial	2
b. Multi-Family Residential	3	d. Industrial	0

TOTAL 44

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, producing and updating punchlists and processing submittals. The following is a list of most process units and their status:

Process Unit	Status
College Harris Pump Station	Partial Utilization – in operation
Headworks/Grit	Partial Utilization – in operation
Primary Clarifiers	Applying Xypex coating to walls
Aeration Tanks	Partial Utilization – In operation
Secondary Clarifier #4	Partial Utilization – in operation
Secondary Clarifier Pump Station	Partial Utilization – in operation
Intermediate Pump Station	Ready to be placed into operation
Tertiary Filters	Partial Utilization – in operation
Utility Water Pumps	#1 in operation
UV	Partial Utilization – in operation
Chemical Addition	Partial Utilization – in operation
Dewatering	Partial Utilization – in operation
Compost	Partial Utilization – in operation
AWT Feed Pump Station	Partial Utilization – in operation
AWT Building	Training on MF units; Miox units started

Contractors continue to work on punch list items of the major processes as well as addressing common issues as they appear. The majority of the work was centered on the AWT Building; drain station; site grading; construction of parking areas; curbing and pavement patching. The

Control Building continues to proceed with work on the laboratory expansion and new flooring on the upper level. The SCADA system continues to be programmed and tested. The HVAC Contractor is complete and we are working on the Substantial Completion Certificate along with the punchlists.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 02-2, 02-3, and 02-4:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Change Order Request Logs:* The log lists all the Change Order Requests (COR) the Contractors have submitted or we have requested to date, as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #35 is attached, which describes the construction activities that occurred during the past month for your information.

Stage 7 Additions and Modifications (Transmission Line Phase I) Construction Phase

Laurel Management Company has procured the required materials and remobilized on April 11, 2005 for completion of the removal and replacement of the defective portion of piping along Spring Valley Road. A Substantial Completion Inspection will be conducted once the defective piping is replaced and suitably pressure tested in accordance with the Contract Documents.

Change Orders:

We recommend approval of the following:

No.	Contract	Description	Subtotal	Total
1-27	General	TIME EXTENSION	90 DAYS	90 DAYS
		RESOLVE OUTSTANDING ISSUES	\$ 73,338.75	\$ 73,338.75

Reasons for Change Order Items:

1-27	1) RESOLUTION OF DISPUTES AND CLAIMS THAT IMPACTED CONTRACT PRICE OR SCHEDULE
	2) CORRECTIVE ACTION FOR DEFECTIVE WORK

The following table illustrates the impact of the Change Orders:

	General Construction	Plumbing	HVAC	Electrical	Total
Total Approved Change Orders	\$1,247,598.18	\$ 6,318.00	\$ (59,242.85)	\$ 236,270.48	\$ 1,378,008.44
Percentage Total Approved CO's vs. Original Contract	3.75%	1.89%	-2.02%	5.25%	3.37%
Percentage Current Recommended CO's vs. Original Contract	0.22%				0.17%

Applications for Payment

We recommend payment of the following (please note that the General Contractor's Application for Payment includes a reduction in retainage of \$500,000):

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	35	\$ 765,461.26
02-3	Plumbing	Robert Johnson Heating & Plumbing	22	\$ 7,382.45
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	33	\$ 49,180.22
	Membrane Procurement	US Filter/MEMCOR	Final	\$ 281,750.00
				\$ 1,103,773.93

Plan Reviews

Project Name	Design /As-Built	Status	Date
Wooded Hills Development	Design	Comments to Staff	5/6/05
Sedgefield North	Design	Recommend Approval	5/11/05
The Village at Penn State, Phase 2 – Section 5 (Varsity Hollow)	As-Built	Comments to Staff	5/11/05

Act 57 Study

Part A - We are conducting an audit of UAJA's tapping fee calculations. We have begun our review of data received from Cory Miller. We anticipate generating a letter to Cory by May 20th. Based upon our preliminary work and the changes to the law made by Act 57, it may be necessary to take a fresh look at these calculations to see if all eligible costs have been included in order to support the current tapping fee schedule.

Part B - We have reviewed and analyzed current State College Borough Water Authority meter and use data, and discussed this with State College Borough and State College Borough Water Authority representations. Currently, the involved utilities are reviewing implications of a change in the basis, and we await direction from Cory.

7.6 Executive Director's Report

Clearwater Conservancy Presentation And Tour

UAJA hosted the Clearwater Conservancy Board for an informational meeting on the Beneficial Reuse project on May 3, 2005. The Spring Creek Watershed Commission was also invited. 10 people other than staff and HRG were present for the presentation and brief tour of the Advanced Water Treatment building. Many questions were asked, and the visitors left impressed and satisfied with the project approach.

COG Public Services Committee Recommends Septage Management Administration

The Public Services Committee at the May 11, 2005 meeting, continued the discussion of the management of septage for the region's more than 4,000 septic tanks. Action was taken to recommend that the COG General Forum transfer administration of the region's septage management program from the individual municipalities to UAJA, with the cost of administering the program recovered through the septage receiving fee at the UAJA plant. This will most likely be placed on the May 23, 2005 meeting.

COG Executive Committee

At its May 17, 2005 meeting, the COG Executive Committee will be discussing scheduling a joint meeting with UAJA and the CBICC. The joint meeting will be for discussing communication issues and the Beneficial Reuse project. A letter was sent to the CBICC by Sharon Bressler expressing UAJA's willingness to meet with COG and the CBICC. A copy of the letter is included in your packet. The letter suggests that the CBICC forward questions to UAJA staff in advance of scheduling the joint meeting. To date, no questions have been received.

Scott Road Corrective Action Plan

The Corrective Action Plan has been submitted to DEP for approval. While staff has not heard back from DEP, staff will proceed on the assumption that DEP will eventually approve the plan. The first milestone of the CAP is to develop a flow monitoring plan and a sump pump/floor drain inspection plan by July 1, 2005. Both will be submitted before the anticipated deadline. HRG will be assisting as needed. The costs for consulting services will be minimal assuming DEP does not change the proposed plan.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 6:48 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 – June 15, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:04 p.m. Wednesday, June 15, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, DeWolfe, McShea, Zeigler, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel, HRG; Dick Campbell, Solicitor; Rob Lent, Maher Duessel; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – May 18, 2005 and June 1, 2005

The Board considered the UAJA minutes of the Regular Meeting held on May 18, 2005 and minutes for the Special Meeting held on June 1, 2005. The following corrections were made for the May 18, 2005 minutes:

-Page 1 under Roll Call: remove DeWolfe & Barnes as attendees.

-Page 2 under Budget Revisions- Maintenance Van: change the sentence “paid in March” to read “paid for in March”. In that motion change Mr. Schmalz as the person who seconded the motion to Mr. Dempsey.

-Page 8 under COG Public Services Committee Recommends Septage Management Administration: change meting to meeting.

The following motion was offered:

<p style="text-align: center;">UAJA May 18, 2005 and June 1, 2005 Meeting Minutes</p>
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A motion was made by Mr. Zeigler, seconded by Ms. Barnes, to approve the minutes of the UAJA Regular Meeting held on May 18, 2005 and the minutes for the Special Meeting held June 1, 2005. The motion passed unanimously.

4. Public Comment Period

None

5. Old Business

5.1 Final Design – Wooded Hills Sewer Extension

Final design drawings for the Wooded Hills sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer extension will serve 25 EDU's of single family development. The review comments have been addressed for the sewer system.

Final Design – Wooded Hills Sewer Extension Approved	A motion was made by Mr. McShea, seconded by Mr. DeWolfe, to approve the Final Design – Wooded Hills Sewer Extension. The motion passed unanimously.
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6. New Business

6.1 Resolution 05-3 Standard Specifications Superseding the Requirements of the Uniform Construction Code

When Pennsylvania adopted the Uniform Construction Code (UCC), provision was made to allow utilities to adopt standards that are as restrictive or more restrictive than the UCC. UAJA has many specifications in its standard specifications that are more restrictive than the UCC. This resolution formally adopts the UAJA specifications in lieu of the UCC. If this action is not taken, our specifications become null and void.

Resolution 05-3 Standard Specifications Superseding the Requirements of the Uniform Construction Code Approved	A motion was made by Mr. Coe, seconded by Mr. Zeigler, to approve Resolution 05-3 Standard Specifications Superseding the Requirements of the Uniform Construction Code. The motion passed unanimously.
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6.2 Tapping Fee Conforming to Act 57 Requirements

Act 57 requires all sewer authorities to review their tapping fee to assure that it complies with the allowable methods for calculating tapping fees as set forth in Act 57. UAJA and HRG have completed the review as specified. Our current tapping fee of \$3,415 per equivalent dwelling unit (EDU) is supported by the calculations. A draft report should be available for the board meeting.

In addition to the re-adoption of the fee, a minor change in the annual adjustment is needed to allow the Borough of State College sufficient time to adopt our change in tapping fee. They must have 30 days from the time of adoption before an ordinance can be effective. Therefore, our adoption date must move to the October meeting each year. The tapping fee increase can be adopted at the October meeting, with an effective date of January 1st. The method for calculating the change would remain the same – the increase in the construction cost index from the “Engineering News Record”.

Tapping Fee Conforming to Act 57 Requirements Approved	A motion was made by Mr. McShea, seconded by Mr. Zeigler, to approve the Tapping Fee Conforming to Act 57 Requirements by the re-adoption of the tapping fee of \$3,415 per EDU, and change the timing of the adoption of annual adjustment to the October meeting each year. The motion passed unanimously.
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6.3 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. DeWolfe, seconded by Mr. Coe, to approve the Line of Credit for Compost Permit. The motion passed unanimously.

6.4 2004 Audit

The final 2004 Audit report is presented for board approval. The Treasurer reviewed the draft audit and formulated some suggestions and questions that have been addressed in the final version. Rob Lent of Maher Duessel was at the meeting to review the audit report and answer any questions of the board.

**Change Order # 1-27
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Coe, to approve the 2004 Audit as presented. The motion passed unanimously.

6.5 Change Order #4, Stage 7

This change order is for resolution of minor additions to the Contract that increase operability and functional preference. Improvements include flushing ports, air release valve on potable line, hydrant extension kits and grouting within air release manholes.

6.6 Change Order #5, Stage 7

This change order is a deductive change order. It reconciles estimated quantities and final quantities for unit price work.

**Change Order #4, Stage
7 and Change Order #5,
Stage 7 Approved**

A motion was made by Mr. Coe, seconded by Ms. Barnes, to approve Change Order #4, Stage 7 in the amount of \$10,228.00 and Change Order #5, Stage 7 in the amount of (\$113,852.00). The motion passed unanimously.

6.7 Requisitions

Construction Fund Stage 6-223	App. #7 Laurel	\$94,884.05
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**Construction –
Requisitions
Approved**

A motion was made by Mr. Coe, seconded by Mr. McShea, to approve the Construction Requisition. Motion passed unanimously.

- Repairs were made to Composter #3 by IPS.
- The water pump was replaced on the Cat skid steer.

Main Station

- The VFD for pump #1 failed and with the assistance of HRG and Square D Tech service we were able to repair it in a timely fashion. (The repair required several fuses and a “diode pack”).

We have hired two more employees. Tyler Corl will be assisting Denny Reif in the Compost Facility and Brittany Homan was hired as a temporary janitor until a determination can be made if and when Jerry Summers can return from long-term disability. As you may recall, Jerry has been out since the beginning of October '04.

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 – (2) 141 & 201 Trout Road
- (UA) Lateral Repairs – (3) 619 Wayland Pl, 10 Nittany View Cir, 2066 N. Oak Ln
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – Cortland Drive, Nittany View Circle
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – None
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – None
- (FTA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – None
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – None

We are approximately 85% complete (pipe laying is complete) with the Harris/Curtin replacement project. We are doing prep work in Pine Grove for the Reed Alley project which is upcoming. We pulled maintenance on equipment, did restoration work on main and lateral repair sites, and helped at the Plant with the backhoe and Jet truck.

I/I Inspection: (We TV'd 6,696ua/6,515 fta feet of mainline and inspected 43 ua/33 fta MH's.) Tested/Grouted – (0uaMH/0ftaMH + 0/0 Jts) Estimated I/I-flow decreased – (0gpd. = 0EDU's) (0 Gal. of grout used). 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 the repairs to the two pumps remaining at the Scott Road station. We had repairs made to two (2) E-1 grinder pumps from Huntridge Manor.

Inspection: Provisional As-builts Approved: Tradition Cove II, Saybrook 7

Mainline Construction:

- a. Foxpointe Phase 5 – Construction and TV inspection is completed.
- b. Haymarket, Lot 801 – Construction and TV inspection is completed
- c. Thistlewood – Construction and TV inspection is completed.
- d. Varsity Hollow Ph1 – As-builts are in the review process.
- e. Varsity Hollow Ph2 – As-builts are in the review process.
- f. Rolling Ridge – Construction is approximately 99% completed.
- g. Benner Pike Shops – Construction is approximately 99% completed.
- h. Landings Ph 5 – Construction and TV inspection is completed.
- i. Stearns Crossing, phase 5 – Construction has just begun.
- j. Valley Vista Park, phases 3C &E – Construction is approximately 80% complete.

New Connections:

a. Single-Family Residential	27	c. Commercial	4
b. Multi-Family Residential	2	d. Industrial	<u>0</u>

TOTAL 33

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 (1178.104)

We continue to perform Construction Administrative functions for the project including responding to problems, producing and updating punchlists and processing submittals. The following is a list of most process units and their status:

Process Unit	Status
College Harris Pump Station	Partial Utilization – in operation
Headworks/Grit	Partial Utilization – in operation
Primary Clarifiers	Applied Xypex coating to walls; will be re-doing the exterior wall
Aeration Tanks	Partial Utilization – In operation
Secondary Clarifier #4	Partial Utilization – in operation
Secondary Clarifier Pump Station	Partial Utilization – in operation
Intermediate Pump Station	Ready to be placed into operation
Tertiary Filters	Partial Utilization – in operation
Utility Water Pumps	#1 in operation
UV	Partial Utilization – in operation
Chemical Addition	Partial Utilization – in operation
Dewatering	Partial Utilization – in operation
Compost	Partial Utilization – in operation
AWT Feed Pump Station	Partial Utilization – in operation
AWT Building	CMF Units are in operation; RO start-up scheduled for 6/13

The General Contractor has been concentrating on site work including curbs, sidewalks, and roadway. The majority of the site has been fine graded, topsoil placed, seeded and mulched. The CMF units have been cleaned in place for the first time. The SCADA system continues to be programmed and tested. The other Contractors have completed their work and we are

working on the Substantial Completion Certificate along with the punchlists.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 02-2, 02-3, and 02-4:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Change Order Request Logs:* The log lists all the Change Order Requests (COR) the Contractors have submitted or we have requested to date, as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #36 is attached, which describes the construction activities that occurred during the past month for your information.

Change Orders:

There are no change orders for approval. The following table summarizes the Change Orders to date on the project:

	General Construction	Plumbing	HVAC	Electrical	Total
Total Approved Change Orders	\$ 1,322,118.40	\$ 6,318.00	\$ (59,242.85)	\$ 236,270.48	\$ 1,505,464.03
Percentage Total Approved CO's vs. Original Contract	3.97%	1.89%	-2.02%	5.25%	3.54%
Percentage Current Recommended CO's vs. Original Contract					

Stage 7 Additions and Modifications (Transmission Line Phase I) Construction Phase

The Contractor achieved Substantial Completion on April 28th and their Final Completion Deadline ended on May 28th. As such, HRG has notified them that contract times have expired and requested an updated schedule. Many of the punchlist items have been completed and only major paving and restoration remains. A total of \$87,975 is currently retained from Laurel Management (after approval of the Payment Application # 7).

Change Orders:

There are two (2) change orders for approval. The first Change Order (#4) is for minor items that were added during the project and Change Order #5 is the final rectification of quantities installed versus estimated. The following table illustrates the impact of the Change Orders:

Item	Transmission Main Construction
Total Approved Change Orders (#1-#3)	\$ 140,161.00
Change Order #4 (Minor Items)	\$10,228.00
Change Order #5 (Final Quantities)	(\$113,852.00)
Total Recommended CO's	\$36,537.00
Percentage Total Recommended CO's vs. Original Contract	2.35%

Applications for Payment

We recommend payment of the following:

Contr. No.	Contract	Contractor	App No.	Amount
03-3	Transmission Main Ph 1	Laurel Management Co.	7	\$ 94,884.05

Stage 8 Additions and Modifications Design Phase

Aerial Photogrammetry has been completed by HRG's surveyors and final topographical adjustment, property work, and utility location will be completed over the next several weeks. A pre Highway Occupancy Permit Application meeting is scheduled for June 27th with PENNDOT to review the SR 322 and SR 26 Utility Installation.

Plan Reviews

Project Name	Design /As-Built	Status	ate
Wooded Hills Development	Design	Recommend Approval	6/1/05
The Village at Penn State, Phase 2 - Section 5 (Varsity Hollow)	As-Built	Recommend Approval	6/1/05
Fieldstone Subdivision, Phase 1	Design	Comments to Staff	6/10/05

ACT 57 Study

As of the date of this report, HRG has calculated the maximum charge for capacity as \$3,640.95 and the maximum charge for collection as \$995.98. We will present the final study to the Authority at your meeting.

7.6 Executive Director's Report

Chesapeake Bay Program Tour

The Local Government Advisory Committee of the Chesapeake Bay Program toured the UAJA treatment plant on June 9, 2005. The committee consists of members from DC, MD, PA, VA, and NY. The members were impressed with the facility, and particularly the reuse project. Several commented that they intend to recommend their local wastewater managers visit our facility.

COG Public Services Committee Recommends Septage Management Program to COG

The Public Services Committee at the June 8, 2005 meeting took action to recommend to COG the following:

- Municipalities request haulers to transport all septage from the Centre Region to UAJA
- A multiple hauler system is preferred (no bidding, left to individual property owners)
- Request UAJA to administer the septage management program on behalf of the municipalities with the cost recovered through the septage tipping fee.

Action on this recommendation will most likely be considered at the July COG General Forum meeting.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:48 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

DAVID D. COE
Assistant Secretary

DRAFT

MINUTES

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

Regular Meeting – July 20, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:03 p.m. Wednesday, July 20, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Lapinski, McShea, Schmalz, Schwab, Zeigler, and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel, Jason Wert, HRG; Dick Campbell, Solicitor; Amy Story, Borough of State College; Caps. Charles & Patricia Niedermyer, Scott Sittig, Salvation Army; Tom Smida, Mette, Woodside & Evans; Peter Mercer and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – June 15, 2005

The Board considered the UAJA minutes of the Regular Meeting held on June 15, 2005 and offered the following motion:

**UAJA
June 15, 2005
Meeting Minutes**

A motion was made by Mr. Zeigler, seconded by Mr. DeWolfe, to approve the minutes of the UAJA Regular Meeting held June 15, 2005. The motion passed unanimously.

4. Public Comment Period

4.1 Resolution # 2005-04

Mr. Smida reviewed with the Board the proposed resolution regarding the Third Supplemental Indenture for the Interest Rate Swap. Following discussion on the Resolution the following motion was offered:

**Resolution # 2005-04
Approve**

A motion was made by Mr. McShea, seconded by Mr. Zeigler, to approve Resolution #2005-04 for the Interest Rate Swap. The motion passed unanimously.

4.2 Salvation Army Land Request – Buchenhorst Tract

UAJA has received a request from the Salvation Army (SA) asking for consideration of selling the 22 acre Buchenhorst tract to the SA for the purpose of constructing a community center. The SA would like to apply for a grant from the Kroc family for the design and construction. To do so they need a letter from UAJA stating our willingness to sell the property.

As has been UAJA's practice concerning the use of our land, this request has been passed on to the COG for consideration. It has been UAJA's position that the buffer lands owned by UAJA were purchased by UAJA on behalf of the region's municipalities, and that it is up to the municipalities to decide what other uses that do not conflict with the intended role as a buffer.

Scott Sittig described the need for purchase rather than long term lease. The Niedermeyers described the use of the facility as filling the needs of the community, such as relocating the food bank, low cost day care, housing other aid organizations, and providing recreation opportunities for people that don't currently have those opportunities.

6.1 Executive Session – Legal Matters

**Adjournment to
Executive Session
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. DeWolfe, to adjourn to an Executive Session at 5:20 p.m. The motion passed unanimously.

**Exit of the Executive
Session Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to adjourn the Executive Session and resume the regular meeting at 5:40 p.m. The motion passed unanimously.

**Salvation Army Land
Request Denied**

A motion was made by Mr. Coe, seconded by Mr. McShea, to deny the sale of the Buchenhorst tract or any other buffer lands. The motion passed unanimously.

5. Old Business

5.1 Final Design – Fieldstone Sewer Extension

Final design drawings for the Fieldstone sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer extension will serve 89 EDU's of single family development. The review comments have been addressed for the sewer system.

**Final Design –
Fieldstone Sewer
Extension
Approved**

A motion was made by Mr. Schwab, seconded by Mr. Lapinski, to approve the Final Design – Fieldstone Sewer Extension. The motion passed unanimously.

5.2 Update – Centre Region Act 537 Plan

Mr. Wert updated the Board on the status of the Centre Region Act 537 plan revision.

6. New Business

6.1 Executive Session

This item was moved to earlier in the meeting.

6.2 Requisitions

Construction Fund Stage 6-224	Myers #36	\$95,356.45
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The pay request amount of this requisition was reduced from \$217,756.45 to \$95,356.45 as a result of withholding \$122,400 of liquidated damages.

Construction – Requisition Approved
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A motion was made by Mr. Schwab, seconded by Mr. Coe, to approve the Construction Requisition Stage 6-224 in the amended amount of \$95,356.45. Motion passed unanimously.

Construction Fund Stage 6-225	Biter #34	\$213,927.28
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Construction Fund Stage 6-226	HRG-RPR #36	\$38,076.88
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Construction Fund Stage 6-227	HRG-CM #37	\$19,179.82
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Construction – Requisitions Approved

A motion was made by Mr. Zeigler, seconded by Mr. Schmalz, to approve the Construction Requisitions Stage 6-225 thru Stage 6-227. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ended June 2005 was presented to the Board for its review.

7.2 Chairman's Report

Mrs. Bressler reviewed with the Board the letter dated July 1, 2005 received from the CBICC and noted that she didn't recall some of the items as stated therein being discussed at the COG meeting held June 9, 2005. Mr. Miller handed out a copy of a draft letter he had written addressing the items listed in the CBICC's letter. Following discussion of the draft letter in which Mr. Miller provided additional comments and clarifications concerning the understanding of the discussions, as expressed by Mr. Coleman, the Board recommended sending a letter that expressed what UAJA wanted people to get out of the meeting, rather than responding to Mr. Coleman's points. Mr. Miller will draft the letter.

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 June was 4.97mgd with the average for the month being 3.77 mgd.

There were no inspections of the treatment facility by DEP this month.

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

Plant Maintenance

- Replaced 12 blown UV lamps. There are 13 more that need replaced along with 2 ballasts. Trojan has since been in to inspect the entire system and to replace 22 more UV bulbs. Changes were made to keep the level from dropping in the treated area during a backwash. This was an issue with the Trojan Technician. The system has been flawless since.
- Some minor repairs were made at the old farmhouse before the new tenants moved in. The small porch roof will need replaced before winter.
- Replaced the exhaust fan belt on the top floor of the Dewatering Bldg.
- Relocated the non-potable line outside the Headworks Bldg. The existing line had a severe leak.
- Installed the replacement heat pump HP-10 in the garage area.
- Replaced suction regulator on Primary Pump #1.

Compost

- As of the end of June 2005, we have produced 10,411 cubic yards of compost and sold 7,761 cubic yards.
- The studs on the gearbox for the right rear wheel drive sheared causing the wheel to fall off. A spare gearbox was installed and the old one was repaired.

Main Station

- The “pump enable” float failed and was replaced.

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

The maintenance personnel and some operations staff have received extensive training on some of the new treatment processes. This includes the UV system, the Miox system and the MF filters during the last month.

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 – (1) 120 Chambers Alley
- (UA) Lateral Repairs – (1) 612 Wiltshire
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – None
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (9)
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – None
- (FTA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – None
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – None

We are 100% complete with the Harris/Curtin replacement project. We are doing ROW clearing work in Pine Grove for the Reed Alley project which is upcoming. We removed grease at the Trout Rd. station with the Jet truck. We sent seven (7) staff members to a trench safety seminar held at the Borough Water Authority’s facility.

I/I Inspection: (We TV’d 600ua/0 fta feet of mainline and inspected 7 ua/0 fta MH’s .) Tested/Grouted – (0uaMH/0ftaMH + 0/0 Jts)Estimated I/I-flow decreased – (0gpd.= 0EDU’s) (0 Gal. of grout used). 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 odor control device at the Scott Road station. We repaired a pump and replaced the alternating relay at the Ghaner 2 station.

Inspection: Provisional As-builts Approved: Rolling Ridge, Varsity Hollow - phases 1&2, Hay-Market lot 801

Mainline Construction:

- a. Foxpointe Phase 5 – As-builts are being reviewed.
- b. Thistlewood – As-builts are being reviewed.
- c. Benner Pike Shops – As-builts are being reviewed.
- d. Landings Ph 5 – As-builts are being reviewed.
- e. Stearns Crossing, phase 5 – Construction is approximately 25% complete.
- f. Valley Vista Park, phases 3C &E – Construction is complete and TV inspection is complete.

New Connections:

- | | | | |
|------------------------------|----|---------------|---|
| a. Single-Family Residential | 27 | c. Commercial | 0 |
| b. Multi-Family Residential | 2 | d. Industrial | 0 |

TOTAL 29

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, producing and updating punchlists and processing submittals. The following is a list of most process units and their status:

Process Unit	Status
College Harris Pump Station	Partial Utilization – in operation

Headworks/Grit	Partial Utilization – in operation
Primary Clarifiers	Applied Xypex coating to walls
Aeration Tanks	Partial Utilization – in operation
Secondary Clarifier #4	Partial Utilization – in operation
Secondary Clarifier Pump Station	Partial Utilization – in operation
Intermediate Pump Station	Ready to be placed into operation
Tertiary Filters	Partial Utilization – in operation
Utility Water Pumps	#1 in operation
UV	Partial Utilization – in operation
Chemical Addition	Partial Utilization – in operation
Dewatering	Partial Utilization – in operation
Compost	Partial Utilization – in operation
AWT Feed Pump Station	Partial Utilization – in operation
AWT Building	CMF Units are in operation; RO start-up in progress

The General Contractor has been concentrating on the start-up of the RO System including testing of the systems, site work including curbs, sidewalks, and roadway; and installing the mono-rail system in the Dewatering Building. The SCADA system continues to be programmed and tested. The other Contractors have completed their work and we are working on the Substantial Completion Certificate along with the punchlists.

A letter has been written to the General Contractor concerning the Contract Times. In response, they have requested a Substantial Completion inspection which was held on July 12, 2005.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1 and 02-4:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Change Order Request Logs:* The log lists all the Change Order Requests (COR) the Contractors have submitted or we have requested to date, as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #37 is attached, which describes the construction activities that occurred during the past month for your information.

Change Orders:

There are no change orders for approval. The following table summarizes the Change Orders to date on the project:

	General Construction	Plumbing	HVAC	Electrical	Total
Total Approved Change Orders	\$ 1,322,118.40	\$ 6,318.00	\$ (59,242.85)	\$ 236,270.48	\$ 1,505,464.03
Percentage Total Approved CO's vs. Original Contract	3.97%	1.89%	-2.02%	5.25%	3.54%
Percentage Current Recommended CO's vs. Original					

Contract

Applications for Payment (All Projects):

We recommend payment of the following:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	36	\$ 95,356.45
02-4	Electrical Construction	Bob Biter Electrical Enterprises, Inc.	34	\$ 213,927.28

We note that payment to Allan A. Myers, LP is the remainder after withholding liquidated damages.

Stage 7 Additions and Modifications (Transmission Line Phase I) Construction Phase

Laurel Management Co. is progressing on paving restoration and is working towards completion of their outstanding items. The time for final completion expired on May 28, 2005 and HRG has notified Laurel Management Co. of their exposure to possible liquidated damages. A total of \$87,975 is currently retained from Laurel Management Co.

Stage 8 Additions and Modifications Design Phase

A pre Highway Occupancy Permit Application meeting was held June 27th with PENNDOT to review the SR 322 and SR 26 Utility Installation and PENNDOT provided constructive comments to aid in the final design of this portion of the alignment. HRG is preparing basemapping for the entire project and expects to provide UAJA with preliminary design drawings in late August/early September.

Plan Reviews

Project Name	Design /As-Built	Status	Date
Fieldstone Subdivision, Phase 1	Design	Recommend Approval	6/16/05
Benner Pike Shops	As-Built	Comments to Developer	7/13/05
Wiltree Townhomes	Design	Under Review	
Thistlewood	As-Built	Comments to Developer	7/13/05
Foxpointe Subdivision, Phase 5	As-Built	Comments to Developer	7/13/05

7.6 Executive Director’s Report

Susquehanna River Basin Commission Meeting

Representatives from the SRBC and Centre Hills Country Club (CHCC) met Thursday July 14. The meeting was quite successful, with SRBC stating that they support the Beneficial Reuse Project 100 percent. The current project schedule is sufficient to satisfy SRBC requirements.

COG Approves Septage Management Program

At the June 30th COG meeting, COG approved the development of a UAJA administered septage management program. The program will be a multiple hauler system administered by UAJA on behalf of the municipalities with the cost recovered through the septage tipping fee.

The record keeping system will be developed by UAJA staff and CRPA staff over the next two months. All Centre Region municipalities will have to adopt a septage management ordinance once the system is developed.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:48 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

DRAFT

MINUTES

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

Regular Meeting – August 17, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:02 p.m. Wednesday, August 17, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, DeWolfe, Lapinski, McShea, Schmalz, Zeigler, and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Jason Wert, HRG; Mark Whitfield, Borough of State College; Rebecca Dunlap and Kristen Saache-Blunc, Spring Creek Watershed Community; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – July 20, 2005

The Board considered the UAJA minutes of the Regular Meeting held on July 20, 2005 and offered the following motion:

<p style="text-align: center;">UAJA July 20, 2005 Meeting Minutes</p>
--

A motion was made by Mr. Schmalz, seconded by Mr. Dempsey, to approve the minutes of the UAJA Regular Meeting held July 20, 2005. The motion passed unanimously.

4. Public Comment Period

None

5. Old Business

5.1 Update – Water Resources Monitoring Committee

The committee briefed the board on the status of the Water Resources Monitoring Project and presented the 2004 annual report.

5.2 Water Conservation Program

A letter from Steve Balkey, Chairman of the CBICC Heritage I committee, was received by UAJA requesting that UAJA investigate volumetric billing to encourage water conservation. A copy of the letter is included in the meeting packet.

Mr. Miller responded with a letter dated August 10 (copy enclosed) in which he stated, as I have indicated in past years, a successful water conservation program follows the methodology outlined by EPA. This methodology has been well tested in many communities across the country. As noted in my letter, information is available online at <http://www.epa.gov/owm/water-efficiency/index.htm> explaining the process of developing and implementing a water conservation program.

Mr. Miller continued: I agree completely with Mr. Balkey that the development of a regional water conservation program should be a high priority. The threat of regulatory action or third party appeals is very high considering that Spring Creek has several impaired reaches, and the uncertainty of the impacts on UAJA and the region by the Chesapeake Bay Tributary Strategy. To begin the process of the development of a regional water conservation plan, I recommend that UAJA requests the COG Public Services Committee appoint a water conservation committee to begin developing the plan.

In conclusion, several organizations should be represented on the committee. I suggested the water authorities, CBICC, Penn State, and COG or the individual municipalities. There may be others that should be considered.

**Request to the COG
Public Services
Committee
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. Coe, to approve the request to the COG Public Services Committee to appoint a water conservation committee to develop a regional water conservation plan. Motion passed unanimously.

Final Design – Wiltree Sewer Extension Redesign

Final design drawings for the redesigned Wiltree sewer system (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer system will serve 51 EDU's of multi-family development. The review comments have been addressed for the sewer system.

**Final Design – Wiltree
Sewer Extension
Approved**

A motion was made by Mr. DeWolfe, seconded by Mr. Zeigler, to approve the Final Design – Wiltree Sewer Extension redesign. Motion passed unanimously.

5.3 Final Design – Homecoming Ridge Sewer Extension

Final design drawings for the Homecoming Ridge sewer system (Patton Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer system will serve 38 EDU's of townhomes. The review comments have been addressed for the sewer system.

**Final Design –
Homecoming Ridge
Sewer Extension
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve the Final Design – Homecoming Ridge Sewer Extension. Motion passed unanimously.

6. New Business

6.1 Executive Session

6.1 Executive Session – Legal Matters

**Adjournment to
Executive Session
Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Lapinski, to adjourn to an Executive Session at 4:40 p.m. The motion passed unanimously.

**Exit of the Executive
Session Approved**

A motion was made by Mr. Coe, seconded by Mr. McShea, to adjourn the Executive Session and resume the regular meeting at 5:49 p.m. The motion passed unanimously.

6.2 Requisitions

Construction Fund Stage 6-228 Myers #37 \$155,868.88

The pay request amount of this requisition was reduced from \$223,068.88 to \$155,868.88 as a result of withholding \$67,200 of liquidated damages.

**Construction –
Requisition
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Schmalz, to approve the Construction Requisition Stage 6-224 in the amended amount of \$155,868.88. Motion passed unanimously.

Construction Fund Stage 6-229 HRG-RPR #37 \$28,241.78

Construction Fund Stage 6-230 HRG-CM #38 \$9,731.11

**Construction –
Requisitions
Approved**

A motion was made by Mr. Schmalz, seconded by Mr. McShea, to approve the Construction Requisitions Stage 6-229 thru Stage 6-230. Motion passed unanimously.

Revenue Fund #84 Debt Service, Operation & \$1,000,000
Maintenance

**Revenue Fund #84 –
Requisition
Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Coe, to approve the Revenue Fund Requisition #84 in the amount of \$1,000,000. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ended July 2005 was presented to the Board for its review.

7.2 Chairman's Report

No report.

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 July was 5.02mgd with the average for the month being 4.50mgd.

John Sengle of DEP inspected the facility on July 25, 2005. This was a routine inspection with no infractions being noted.

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

Plant Maintenance

- The chemical feed pump for the Odor Control failed and was replaced. The old one will be rebuilt and be retained as a spare.
- Installed water solenoids on the heat pumps that were added for expansion to reduce water consumption during a power loss.
- Replaced the communications card on #5 drain valve. This was done under warranty.
- The clutch and battery were replaced on the Lazer mower.
- An audio/visual high level alarm was installed on the Alum tank.

Compost

- July 2005, we have produced 11,595 cubic yards of compost and sold 8,367 cubic yards.

Main Station

- Replaced the seal water supply line on #1 Pump.

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

The maintenance personnel and some operations staff continue to receive training on some of the new treatment processes.

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 – (1) 2235 Bernel Road
- (UA) Lateral Repairs – (1) Loop Road @ Torrey Lane
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – (2) Loop Road
- (UA) Manhole Repairs – (1) Loop Road
- (UA) Manhole Casting Repairs – (36) For Municipal paving
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – None
- (FTA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – None
- (FTA) Manhole Repairs – (1) #87-A
- (FTA) Manhole Casting Repairs – (3)

We have started excavation work in Pine Grove for the Reed Alley project.

I/I Inspection (We TV'd 481ua/0 fta feet of mainline and inspected 3 ua/0 fta MH's .)
Tested/Grouted – (0uaMH/0ftaMH + 0/0 Jts)Estimated I/I-flow decreased – (0gpd.= 0EDU's)
(0 Gal. of grout used). 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.

Inspection Provisional As-builts Approved: Benner Pike Shops, Foxpointe Phase 5,
Landings Ph 5

Mainline Construction

- a. Thistlewood – As-builts are being reviewed.
- b. Stearns Crossing, phase 5 – Construction is approximately 80% complete.
- c. Valley Vista Park, phases 3C &E – We are awaiting As-builts.
- d. Fairfield Park – As-builts are being reviewed.
- e. Coventry Place – Construction is approximately 50% complete.
- f. Mt. Nittany Terrace - Construction is approximately 30% complete.

New Connections

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

TOTAL 25

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

We have reviewed our efforts and associated fees on the Construction Administration and Resident Project Representation with your staff. In mid-August, the Resident Project Representation will be at 100% and the Construction Administration has a remainder of \$36,385.75.

Based upon our discussions with your staff, HRG believes the Construction Administration authorization is adequate to complete all anticipated assignments for the rest of the construction period. If UAJA desires continued Resident Project Representation, we have provided estimates for part-time and full-time services under the existing contract rates.

In addition to the closeout of construction services, HRG discussed with your staff several tasks related to long-term operations. These tasks and estimated costs are as follows:

- Development of Electronic Operations and Maintenance Manual for Facility
\$75,000
- Finalization of Record Drawings from Contractor Markups
\$35,000

Stage 6 Additions and Modifications Construction Phase

We continue to perform Construction Administrative functions for the project including responding to problems, producing and updating punchlists. The following is a list of most process units and their status:

Process Unit	Status
College Harris Pump Station	Partial Utilization – in operation
Headworks/Grit	Partial Utilization – in operation
Primary Clarifiers	Applied Xypex coating to walls
Aeration Tanks	Partial Utilization – in operation
Secondary Clarifier #4	Partial Utilization – in operation
Secondary Clarifier Pump Station	Partial Utilization – in operation
Intermediate Pump Station	Placed into operation
Tertiary Filters	Partial Utilization – in operation
Utility Water Pumps	#1 in operation
UV	Partial Utilization – in operation
Chemical Addition	Partial Utilization – in operation
Dewatering	Partial Utilization – in operation
Compost	Partial Utilization – in operation
AWT Feed Pump Station	Partial Utilization – in operation
AWT Building	CMF Units are in operation; RO Unit started

The General Contractor has been concentrating on the start-up of the RO System including testing of the systems, site work including paving; and working on punchlist items. The SCADA system continues to be programmed and tested. The other Contractors have been working sporadically on punchlist items.

A Substantial Completion inspection was held on July 12, 2005 which found the General Contract not Substantially Complete. Correspondence citing the following factors was transmitted to the Contractor:

1. Resolution of grout in Secondary Clarifier #3
2. Primary Clarifiers #5 and #6 leaks
3. Completion of Supervisory Control and Data Acquisition System (SCADA)
4. Completion of Advanced Water Treatment Building (RO System, UV Disinfection, and High Service Pumps)
5. Code Compliance – Final Inspections for the Maintenance, Compost, Dewatering, Septage, and Headworks Buildings.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #38 is attached, which describes the construction activities that occurred during the past month for your information.

Change Orders:

There are no change orders for approval. The following table summarizes the Change Orders to date on the project:

	General Construction	Plumbing	HVAC	Electrical	Total
Total Approved Change Orders	\$ 1,322,118.40	\$ 6,318.00	\$ (59,242.85)	\$ 236,270.48	\$ 1,505,464.03
Percentage Total Approved CO's vs. Original Contract	3.97%	1.89%	-2.02%	5.25%	3.54%

Applications for Payment (All Projects):

We recommend payment of the following:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	38	\$ 223,068.88

We note that additional liquidated damages of \$67,200 can be withheld from payment to Allan A. Myers, LP.

Stage 7 Additions and Modifications (Transmission Line Phase I) Construction Phase
 Laurel Management Co. has completed paving restoration and is working towards completion of their outstanding items. Final items include disinfection of the distribution piping and marking of valving. The time for final completion expired on May 28, 2005 and HRG has

notified Laurel Management Co. of their exposure to possible liquidated damages. A total of \$87,975 is currently retained from Laurel Management Co.

Stage 8 Additions and Modifications Design Phase

HRG has prepared the preliminary basemapping for the project and has completed a traffic control plan for the SR 26 Alignment. This traffic control plan is the first submittal to PENNDOT for approval and is the precursor to the full Highway Occupancy Permit. HRG will be presenting preliminary plans to UAJA staff in next 30 days.

Plan Reviews

Project Name	Design /As-Built	Status	Date
Benner Pike Shops	As-Built	Recommend Approval	7/25/05
Wiltree Townhomes	Design	Recommend Approval	7/20/05
Haymarket Lot 801	Design	Recommend Approval	7/20/05
Thistlewood	As-Built	Comments to Developer	7/26/05
Foxpointe Subdivision, Phase 5	As-Built	Recommend Approval	7/25/05
Homecoming Ridge Cluster II	Design	Under Review	
Fairfield Park	As-Built	Recommend Approval	8/3/05

7.6 Executive Director’s Report

Susquehanna River Basin Commission Meeting

Representatives from the SRBC came to town August 10th to explain the classification of Spring Creek as a “Potentially Stressed Groundwater System”. The event was hosted by The CBICC and COG. If you missed it and are interested in seeing it, it will be aired on CNET Monday August 15 at 2am (might want to tape that one) or Tuesday August 16 at 9am.

Chesapeake Bay Tributary Strategy

There is still much uncertainty about how the tributary strategy will be implemented. At a meeting with DEP Deputy Secretary Cathleen Curran Myers, it is quite apparent that DEP does not yet know how it will fully implement the strategy. Nutrient limits are to be determined based on year 2010 projected flows, which currently DEP is suggesting should be based on Chapter 94 reports. This would potentially reduce UAJA’s discharge limits below the 8mg/l total Nitrogen that was anticipated with the recent plant upgrade. I have presented the argument that DEP should include all of the currently approved Planning Modules in the calculation, since DEP has already approved the allocation of that capacity.

It will probably be several months before we really know how DEP is going to determine the limits. UAJA is still in much better shape to meet the limits than nearly all of the Pennsylvania treatment plants that discharge water to the Chesapeake Bay tributaries.

UAJA has received notice that along with all other treatment plants we must begin monitoring for total Nitrogen. A monitoring plan is being developed.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:48 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 21, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:03 p.m. Wednesday, September 21, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Lapinski, McShea, Schmalz, Schwab, Zeigler, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Jason Wert and Doug Weikel, HRG; Mark Whitfield, Borough of State College; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – August 17, 2005

The Board considered the UAJA minutes of the Regular Meeting held on August 17, 2005 and offered the following motion:

<p style="text-align: center;">UAJA August 17, 2005 Meeting Minutes</p>
--

A motion was made by Mr. McShea, seconded by Ms. Barnes, to approve the minutes of the UAJA Regular Meeting held August 17, 2005. The motion passed unanimously.

4. Public Comment Period

None

5. Old Business

5.1 Description of Reuse Water Line Phase IA Improvements (Stage 8)

For the past several meetings the next phase of the reuse project has been discussed. Because of the community's need to have a major consumer of reuse water and the coincident need of the Centre Hills Country Club (CHCC) to upgrade their water supply to comply with Susquehanna River Basin Commission regulations, this phase of the project has been accelerated from the original schedule. Design of the system required to move water to CHCC has progressed, and many questions have been answered.

Much concern has been expressed concerning the bike path along route 322. Staff recently decided based on the recommendation of HRG, to split the design of this stage in two parts – The pipeline along the bike path as one contract, and everything else as the other contract. By

having a separate contract for the bike path section, UAJA should be able to control and enforce the contract to minimize the duration of the bike path closing.

HRG will provide a more detailed update at the meeting including preliminary bid drawings.

Pump Station

A motion was made by Mr. Schwab, seconded by Mr. Zeigler to secure the easement for the pump station and to build the pump station with CHCC paying the O&M for ten years. The motion passed unanimously.

**Advertising for Bids –
Pump Station**

A motion was made by Mr. Lapinski, seconded by Mr. Coe, to split the project and to advertise the first part for bids. The motion passed unanimously.

5.2 Financing for Reuse Water Line Phase IA (Stage 8)

Interest rates are still low; therefore it is wise to investigate borrowing money for the project rather than depleting the reserve funds (Bond Redemption and Improvement fund and Tapping Fee fund). There are two options which provide the best opportunity for low rates. The first option is a long term 20-year loan from a bank. Since this borrowing will be \$5 million or less, it may be possible to obtain a low rate from a bank. Because closing costs on a loan are much lower than issuing bonds, the interest rate can be slightly higher than the rate from a bond issue, and the real cost be lower.

The second option is a bank qualified bond issue. Since the need is less than \$10 million, bank qualified debt can be issued. This typically results in a better rate.

Our financial consultant, Public Financial Management, recommends soliciting quotes from banks, while preparing for a bond issue. If the quotes are not satisfactory, then the bond issue can proceed.

**Solicit Quotes
Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Coe, to authorize staff and UAJA’s financial consultant PFM to solicit quotes for a 20 year bank loan of \$5 million, and should the bond market appear to be the better choice, proceed with preparing for a \$5 million bond issue. Motion passed unanimously.

6. New Business

6.1 Draft Policy on Suspected Misconduct and Dishonesty

The Board reviewed and provided comments regarding the draft policy which was included in the board packets. This draft has undergone staff review and review by Dick Campbell. This policy will satisfy the requirement detailed by Maher Duessel at the last audit approval. The final copy will be presented for approval at the October Board meeting.

Executive Session – Legal Matters

**Adjournment to
Executive Session
Approved**

A motion was made by Mr. Lapinski, seconded by Mr. Zeigler, to adjourn to an Executive Session at 5:20 p.m. The motion passed unanimously.

**Exit of the Executive
Session Approved**

A motion was made by Mr. Schmalz, seconded by Mr. McShea, to adjourn the Executive Session and resume the regular meeting at 6:00 p.m. The motion passed unanimously.

6.2 Clarifier Brush System Contract 2005-06

Cleaning clarifier weirs has typically been accomplished by washing the weirs with high pressure water. In the past, this was never a problem, however, the practice is now overwhelming the Advanced Water Treatment (AWT) feed pumps and causing them to shut down, which places the entire AWT system in jeopardy. To solve this problem, a continuous, more gentle system has been designed consisting of brushes on spring loaded mechanisms that travel with the boom of each clarifier. This is not budgeted, however, it also cannot wait. Staff proposes the project be funded from the Bond Redemption and Improvement Fund.

Bids were solicited and one bid was received. HRG and staff concur that the project should be awarded to the Ford-Hall Company, Inc., in the amount of \$62,320.00.

**Clarifier Brush System
Contract 2005-06
Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Lapinski, to Award the contract 2005-06 to Ford-Hall Company, Inc., in the amount of \$62,320.00 to be financed thru the Bond Redemption and Improvement Fund. The motion passed unanimously.

6.3 Requisitions

Construction Fund Stage 6-231	Myers #38	\$924,184.82
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**Construction –
Requisition
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Schmalz, to approve the Construction Requisition Stage 6-231 in the amount of \$924,184.82. Motion passed with Mr. Lapinski voting in opposition of the motion.

Construction Fund Stage 6-232	HRG-RPR #38	\$28,721.51
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Construction Fund Stage 6-233	HRG-CM #39	\$10,166.47
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**Construction –
Requisitions
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Schmalz, to approve the Construction Requisitions Stage 6-232 thru Stage 6-233. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ended August 2005 was presented to the Board for its review.

7.2 Chairman's Report

No report.

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 August was 5.03mgd with the average for the month being 4.31mgd.

There were no inspections by DEP this month.

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

Plant Maintenance

- The Plant purchased a new Lazer lawn mower. This was a budgeted item.
- Replaced defective temperature sensor on #4 Continental Blower.
- Replaced the linkage rod for the scum trough on #4 Primary Tanks.
- Central PA Fire Equipment inspected and recertified the fire extinguishers plant wide.
- The motor starter for the blower in the Tertiary Dehumidifier was replaced.
- A yard hydrant was replaced and a sewer clean out pipe was repaired at the farmhouse.
- Pump packing was replaced in Centrifuge Pump #4.
- The chemical feed line was replaced and the water supply line was repaired for the Odor Control System.

Compost

- As of the end of August 2005, we have produced 13,270 cubic yards of compost and sold 9,994 cubic yards.
- Installed two additional sprinkle nozzles per bay.

Main Station

- The fan motor for the make up air unit was replaced.
- The fan belt in the air-conditioner 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 – None
- (UA) Lateral Repairs – (2) 495 Park Lane, 413 Galen Drive
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – None
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (2)
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – (1) 228 Deepwood Dr.
- (FTA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – 228 Deepwood Dr./ 243 Deepwood Dr./ 120 Butternut St.
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – None

We have completed approximately 40% of the pipe replacement on the Reed Alley project in Pine Grove. We did some re-seeding work on the Harris Street project and started restoration in Reed Alley.

I/I Inspection(We TV’d 3106ua/261 fta feet of mainline and inspected 16 ua/2 fta MH’s .) Tested/Grouted – (0uaMH/0ftaMH + 0/0 Jts)Estimated I/I-flow decreased – (0gpd.= 0EDU’s) (0 Gal. of grout used). We are continuing to monitor flow meters in the service area. There were 88 Basement Inspections completed in Pine Grove Mills this month.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We trimmed bushes and mulched at all stations. We also had all stand-by generators serviced.

Inspection Provisional As-builts Approved: Fairfield Park

Mainline Construction

- a. Thistlewood – As-builts are being reviewed.
- b. Stearns Crossing, phase 5 – Construction is approximately 99% complete.
- c. Valley Vista Park, phases 3C &E – As-builts are being reviewed.
- d. Coventry Place – Construction is approximately 75% complete.
- e. Mt. Nittany Terrace - Construction is approximately 40% complete.
- f. Springfield Commons – Construction is approximately 20% complete.
- g. Hunters Chase, phase 4&5 – Construction is just beginning.
- h. Foxpointe, phase 6 – Construction is just beginning.

New Connections

a.	Single-Family Residential	37	c.	Commercial	18
b.	Multi-Family Residential	6	d.	Industrial	0
					TOTAL 61

Mr. Lahr reported that a memo was given to the Board regarding the property damage at Citizens Bank on North Atherton Street due to back flow of sewage into the bank. Denny's restaurant was inspected for the grease trap and it was found to have oil and grease fairly close to the top of the lid. It was recommended to the Board to reimburse Real Estate Management the full amount of the total damages (\$2,405) and impose a fine on Denny's Restaurant in the same amount.

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, producing and updating punchlists. An update of the work completed on site is attached in Monthly Progress Report #39.

HRG is in the process of developing Substantial Completion Certificates and Definitive Lists of Items to be completed or Corrected (Punchlists) for each of the Contracts. The following is HRG's recommendation for the final contract deadlines for each of the Contracts:

Contract	Contractor	Substantial Completion Date	Final Completion Date
General Construction	Allan A. Myers, LP	August 12, 2005*	November 10, 2005
Plumbing Construction	Robert Johnson P&H	August 12, 2005	November 10, 2005
HVAC Construction	G.M. McCrossin, Inc.	August 12, 2005	November 10, 2005
Electrical Construction	Bob Biter Electrical	August 12, 2005	November 10, 2005

HRG is reviewing the draft punchlists with each of the Contractor's and UAJA Staff to ensure that all items are accounted for and adequately documented. We will discuss the status of each Contract further at the Board Meeting.

Also attached for Authority review is the current Contract Drawdown Schedule with all current contracts payments and remaining retainage.

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #39 is attached, which describes the construction activities that occurred during the past month for your information.

Secondary Clarifier Modifications Procurement

In order to reduce algae loading on the AWT Feed Pump Station, and reduce maintenance costs, UAJA advertised and received bids for an Automatic Weir Brush Cleaning System on

August 30, 2005. A copy of the certified bid results is attached. HRG has reviewed the bid and recommends award to the Ford-Hall Company, Inc. for the procurement and installation of the Automatic Weir Brush Cleaning System in the amount of \$62,320.00.

Stage 7 Additions and Modifications Construction Phase (Transmission Main Phase I)

Laurel Management Co. has restoration work and expects disinfection of the distribution piping and marking of valves during the week of September 19, 2005. A final inspection is scheduled for the week of October 3, 2005.

The time for final completion expired on May 28, 2005. HRG provided notice to Laurel Management Co. and its Bonding Agent on August 30, 2005 (copy attached) that all work must be completed within 20 days. Laurel Management Company did respond to this request and is proceeding at the best possible pace. A total of \$87,975 is currently retained from Laurel Management Co.

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

HRG has completed the field survey of the entire project and has begun the preparation of biddable documents and submission of permits for the Stage 8 Additions and Modifications. In reviewing the project with staff and considering the overall timeline for improvements, HRG is recommending that the portion of the project that comprises the College Township Bike Path be separately advertised and bid in October 2005. This will provide UAJA several advantages:

- Smaller scope of project to allow for more local competition
- Better control of Contractor to ensure compliance with schedule
- Delay avoidance (this portion of project has few permits and ROW's)

The Estimated Probable Construction Cost (attached) for this segment of the project is \$1.62 million. In addition, there are five (5) temporary ROW's that need secured for access and construction of the pipeline.

Electronic Operations and Maintenance Manual

HRG is preparing a summary document for items within the Operations and Maintenance Manual and is beginning to scan the vendor information for electronic inclusion.

Stage 6 and Stage 7 Record Drawings

A draft set of Record Drawings is in production for the Stage 7 Additions and Modifications and HRG will be producing Record Drawings for the various portions of the Stage 6 Additions and Modifications as they are received from the Contractors.

ON-GOING PROJECTS

Emergency Response Planning

HRG is assisting UAJA in the preparation of updated Preparedness, Prevention, and Contingency Plan (PPC), Emergency Response Plan (ERP), and Spill/Leak Prevention and Response Plan (SPR).

Plan Reviews

Project Name	Design /As-Built	Status	Date
Thistlewood	As-Built	Recommend Approval	9/2/05
Gray's Woods Ph. 3 Sec. B - Brynwood	Design	Comments to Developer	9/12/05
Valley Vista Park Phase 3C & 3E	As-Built	Comments to Developer	9/2/05

7.6 Executive Director's Report

Water Conservation Program

The concept of developing a regional water conservation plan was considered at the COG Public Services Committee meeting September 14, 2005. The committee took the following action:

“While the COG Public Services Committee unanimously supports water conservation in the Centre Region, it recommends referring the CBICC request to the Steering Committee for the Source Water Protection Study (through the State College Borough Water Authority) for consideration; and furthermore, the Public Services Committee suggests that the CBICC take a lead role in developing such a plan, if deemed appropriate by the Steering Committee, utilizing the EPA guidelines.”

The committee discussed the need to undertake such an effort when the region already has very low per household water consumption. It was also mentioned that conservation makes more infrastructure capacity available, which will be to the benefit of developers.

Centre Region Act 537 Plan

26 requests for expansion of the sewer service area were received by the municipalities. Of those, 5 were determined to be suitable for consideration and were designated for detailed study. The five are:

Shiloh Road Clair Tract (College Township)
Shiloh Road Rogers Tract (College Township)
PSU Whitehall Road Tract (Ferguson Township)
Geisinger Tract (Patton Township)
Piper Tract (Patton Township)

HRG will prepare a detailed study of the impacts on the sewer system of adding these tracts. A draft plan should be ready for review in early December.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:48 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 – October 19, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:03 p.m. Wednesday, October 19, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lapinski, McShea, Schmalz, Schwab, Zeigler, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Mark Whitfield, Borough of State College; Dan Abruzzo, CBICC; Tom Songer & Steve Balky, Heritage I; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – September 21, 2005

The Board considered the UAJA minutes of the Regular Meeting held on September 21, 2005 and offered the following motion:

The Board considered the UAJA minutes of the Regular Meeting held on September 21, 2005. The following corrections were made for the minutes:

-Page 2 under Financing for Reuse Water Line Phase IA (Stage 8): Roll Call: In that motion change Mr. Dempsey as the person who made the motion to Mr. Schmalz.

-Page 6 under the Collections System Superintendent's report change management to "Management".

The following motion was offered:

**UAJA
September 21, 2005
Meeting Minutes**

A motion was made by Mr. Schmalz, seconded by Mr. Zeigler, to approve the minutes of the UAJA Regular Meeting held on September 21, 2005 as corrected. The motion passed unanimously.

4. Public Comment Period

4.1 Centre County Chamber of Business and Industry Heritage 1 Discussion of Tapping Fees

Mr. Abruzzo

Mr. Songer

Mr. Balkey

Discussion regarding Agenda Item 5.2 was also held during the Public Input discussions.

4.2 Centre County PAWS, Inc.

Mr. Schmalz presented an over view of the PAWS' organization and their need for additional space. Mr. Schmalz suggested to the Board that PAWS could possibly utilize the farm properties owned by UAJA on Trout Road on a long term lease. The Board asked that if PAWS is interested that they provide the necessary plans as to what they are proposing.

5. Old Business

5.1 Final Design – Brynwood Sewer Extension

Final design drawings for the Brynwood sewer system (Patton Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer system will serve 87 EDU's of single-family homes. The review comments have been addressed for the sewer system.

Final Design – Brynwood Sewer Extension
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A motion was made by Mr. Schwab, seconded by Mr. Zeigler to approve the Final Design – Brynwood Sewer Extension. The motion passed unanimously.

5.2 2006 Tapping Fee

The UAJA tapping fee is adjusted each year according to the construction cost index of the Engineering News Record. In June UAJA took action to adopt the tapping fee study required by Act 57, which supports our fee. In addition, to foster coordination with the Borough of State College, UAJA decided to set the tapping fee based on the October index. This allows the Borough time to adopt the same tapping fee value by ordinance. Their process requires advertisement and public comment.

The calculation has been completed using the December 2004 value and the October 2005 value. In future years, 12 months will be used (October to October). This year the tapping fee should be adjusted from \$3415 per EDU to \$3534, a change of 3.49 percent. The effective date should be January 1.

2006 Tapping Fee Approved

A motion was made by Mr. Schmalz, seconded by Mr. Lapinski, to approve the increase to the tapping fee from \$3415 to \$3534 effective January 1, 2006. Motion passed unanimously.

6. New Business

6.1 2006 Budget Preparation Timeline

Preparation of the 2006 budget has begun. Department heads and staff received budget worksheets on October 3, 2005. Budget requests are to be finished by October 24, 2005. Between October 24th and November 7th, budget information will be reviewed by Cory and Dave and will be transferred into our software system. A **FIRST DRAFT** budget will be included in the board’s November meeting packet with discussion occurring at the November 16, 2005 meeting. Comments will be incorporated and a **SECOND DRAFT** will be created. The second draft budget will be discussed with the board’s finance subcommittee at a meeting tentatively scheduled for December 5, 2005. From this meeting the **FINAL DRAFT** budget will be created and will be distributed in the December meeting packet. Final approval of the 2006 UAJA budget should occur at the December 21, 2005 meeting. Of course, comments and suggestions over the telephone or via email are welcome throughout the process.

Mr. Zeigler, Treasurer; Mr. Lapinski, Assist. Treasurer; and Ms. Barnes volunteered to be the finance subcommittee to review the Budget.

6.2	Construction Fund Stage 6-234	Johnson #23	\$11,083.50
	Construction Fund Stage 6-235	McCrossin # 27	\$40,309.09
	Construction Fund Stage 6-236	Biter #35	\$65,307.42

Construction – Requisitions Approved	A motion was made by Mr. Schmalz, seconded by Mr. Lapinski, to approve the Construction Requisitions Stage 6-234 thru Stage 6-236. Motion passed unanimously.
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Construction Fund Stage 7-237	Laurel #8 (Final)	\$87,975.00
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Construction – Requisitions Approved	A motion was made by Ms. Barnes, seconded by Mr. Schwab, to approve the Construction Requisitions Stage 6-237. Motion passed unanimously.
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Construction Fund Stage 6-238	HRG-RPR #39	\$34,591.87
Construction Fund Stage 6-239	HRG-CM #40	\$8,638.29
Construction Fund Stage 6-240	HRG-RPR #40	\$6,112.29
Construction Fund Stage 6-241	HRG-CM #41	\$9,490.33

Construction – Requisition Approved	A motion was made by Mr. Schmalz, seconded by Mr. Zeigler, to approve the Construction Requisition Stage 6-241 thru Stage 6-236. Motion passed unanimously.
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7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ended September 2005 was presented to the Board for its review.

7.2 Chairman's Report

No report.

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 September was 4.81mgd with the average for the month being 4.90mgd.

There were no inspections by DEP this month.

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

Plant Maintenance

- Replaced the belt on the Primary dehumidifier.
- Installed exterior screens on the vents at the Headworks Bldg. This was done to allow ease of cleaning and prevent excessive filter replacement.
- Replaced belts on Exhaust fans #1 and #2 atop the Headwork Bldg.
- Replaced the input shaft seal in the gearbox for Polymer Tank #1 Mixer.
- Installed inline water separators in the vacuum lines in the Lab.
- Reconnected the water line to the vent hood in the Lab. This had been disconnected during construction.
- Repaired sidewalks that were destroyed during plumbing issues at the U.V. tank and in front of the Control Bldg.
- Installed prefabricated pre-screen in the AWT wet well.
- Drained #1 Aeration Tank using the 8 inch Godwin pump. Further drained it utilizing our new 3 inch sump pump. This allowed us to better clean the tank.

Compost

- As of the end of August 2005, we have produced 13,270 cubic yards of compost and sold 9,994 cubic yards.
- Installed two additional sprinkle nozzles per bay.

Main Station

- The fan motor for the make up air unit was replaced.
- The fan belt in the air-conditioner 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 – (2) Lot 18R Sandy Dr., Lot 2A Scenery Drive
- (UA) Lateral Repairs – None
- (UA) Mainline Cleaning – (0) manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – None
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (2)
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – (0)
- (FTA) Mainline Cleaning – (0) manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – None
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – None

We have completed approximately 85% of the pipe replacement on the Reed Alley project in Pine Grove. We constructed two new laterals and did some vehicle maintenance also this month.

I/I Inspection(We TV’d 0ua/0 fta feet of mainline and inspected 0 ua/0 fta MH’s .) Tested/Grouted – (0uaMH/0ftaMH + 0/0 Jts)Estimated I/I-flow decreased – (0gpd.= 0EDU’s) (0 Gal. of grout used). We are continuing to monitor flow meters in the service area. There were 79 Basement Inspections completed in Pine Grove Mills this month, bringing the total to 167 through the end of September.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We started the annual pump check/oil change procedure. We also replaced a worn impellor at the Graysdale 2A station.

Inspection Provisional As-builts Approved: Valley Vista Park, phases 3C &E, Thistlewood

Mainline Construction

- a. Stearns Crossing, phase 5 – As-builts are in review.
- b. Coventry Place – Construction is approximately 80% complete.
- c. Mt. Nittany Terrace - Construction is approximately 45% complete.
- d. Springfield Commons, phase 1 – Construction is approximately 40% complete.
- e. Hunters Chase, phase 4&5 – Construction is approximately 5% complete.
- f. Foxpointe, phase 6 – Construction is approximately 70% complete.
- g. Fieldstone, phase 1 – Construction is approximately 90% complete.

New Connections

a.	Single-Family Residential	21	c.	Commercial	0
b.	Multi-Family Residential	1	d.	Industrial	0
					TOTAL 22

Mr. Lahr informed the Board that with the last rain event the Scott Road pump station worked fairly well. Pump trucks did take out three loads as a precautionary measure.

Mr. Lahr also informed the Board that the Reed Alley project was completed on October 19th.

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 is as follows:

Contr. No.	Contract	Contractor	Final Completion Date	Retainage
02-1	General Construction	Allan A. Myers, LP	November 10, 2005	\$ 588,837.00
02-2	Plumbing Construction	Robert Johnson P&H	November 10, 2005	\$ 23,233.50
02-3	HVAC Construction	G.M. McCrossin, Inc.	November 10, 2005	\$ 57,544.08
02-4	Electrical Construction	Bob Biter Electrical	November 10, 2005	\$ 94,725.41

Secondary Clarifier Modifications Procurement

Ford-Hall Company has been provided with a Notice to Proceed and has provided submittals for review. They are currently scheduled for the first week of December for installation and startup.

Stage 7 Additions and Modifications Construction Phase (Transmission Main Phase I)

A Final Inspection was completed on October 7, 2005 and the Contractor has completed all remaining contract items. The only remaining item is the potential replacement of several trees in the spring if they have expired. HRG recommends final payment of Laurel Management Company in the amount of \$ 87,975.00.

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

The bikepath portion of the project has been advertised and Contractors have begun to acquire plan sets. A prebid meeting will be held Monday October 17, 2005 at 9AM to answer Contractor questions and inform them of specific site conditions. Bids are to be received and opened on October 28, 2005 at 2PM.

The remainder of the project design is underway with submissions to PENNDOT and the DEP occurring in the next several weeks. The remainder of the project is still projected to advertise for bids in December 2005.

Electronic Operations and Maintenance Manual

HRG is preparing a summary document for items within the Operations and Maintenance

Manual and is scanning the vendor information for electronic inclusion.

Stage 6 and Stage 7 Record Drawings

A draft set of Record Drawings for the Stage 7 Additions and Modifications has been completed and HRG will be producing Record Drawings for the various portions of the Stage 6 Additions and Modifications as they are received from the Contractors.

ON-GOING PROJECTS

Emergency Response Planning

HRG has prepared an updated Preparedness, Prevention, and Contingency Plan (PPC) and Spill/Leak Prevention and Response Plan (SPR) for the upgrades accomplished under the Stage 6 Additions and Modifications Project. HRG is also in the process of completing an Emergency Response Plan for the site.

PLAN REVIEWS

Project Name	Design /As-Built	Status	Date
Gray's Woods Ph. 3 Sec. B - Brynwood	Design	Recommend Approval	9/19/05
Valley Vista Park Phase 3C & 3E	As-Built	Recommend Approval	9/21/05
Stearns Crossing Ph. 5-6	As-Built	Comments to Developer	10/12/05

7.6 Executive Director's Report

Phase IA Beneficial Reuse Project

The first portion of this phase of the project has been advertised for bid. This portion covers all pipe to be installed under the bike path along route 322 in College Township. The contract is scheduled to be awarded at the November meeting.

Science Park Road Pump Station Replacement Project

Easements are being obtained to replace the pump station on Science Park Road with a gravity sewer through the Imbt property and the Circleville Farm. The pump station needs to be moved to make way for Science Park Road to be widened in Summer 2006. Materials will be bid in November and December, with the project hopefully starting in January 2006. UAJA crews will lay this line as a winter project.

Water Resources Forums

The Spring Creek Watershed Commission is sponsoring a series of forums titled, "Making Choices: Water Resources and Our Community's Future". The first one was held October 5th and was attended by about 100 people. It focused on describing growth in the watershed. The next forum, tentatively scheduled for December 7th, will focus on wastewater issues. When the date is set, Board members will be notified by E-Mail.

ComposT Marketing

ComposT has been selling steadily thanks to diligent staff effort. However, it is difficult to reconnect with our former small volume home owner customers. Since UAJA still has a goal to continue marketing a greater percentage of the ComposT to local customers, it is time to consider some advertising. Staff has made arrangements to have a page of the Centre County Solid Waste Authority newsletter.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting 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 – November 16, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:03 p.m. Wednesday, November 16, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

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

3. Reading of the Minutes

3.1 UAJA Regular Meeting – October 19, 2005

The Board considered the UAJA minutes of the Regular Meeting held on October 19, 2005. The following correction and motion were offered:

-Page 5 under Plant Superintendent's Report: correct the information regarding "Compost & Main Station" to the information provided in the October written report.

<p style="text-align: center;">UAJA October 19, 2005 Meeting Minutes</p>

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve the minutes of the UAJA Regular Meeting held on October 19, 2005 as corrected. The motion passed unanimously.

4. Public Comment Period

4.1 Centre County PAWS, Inc. Request for Long-Term Lease

Members of the Centre County PAWS will be present to answer any questions concerning their request for a long-term lease for the Buchenhorst property. The next step, should the Board approve their request, is for UAJA to ask the Centre Region COG if they agree that this is a use within our buffer zone that is consistent with regional goals.

<p style="text-align: center;">Centre County PAWS, Inc. Request</p>
--

A motion was made by Mr. Schwab, seconded by Ms. Barnes, to have staff approach Centre Region COG and College Township regarding a long-term lease. The motion passed unanimously.

5. Old Business

5.1 Policy on Suspected Misconduct and Dishonesty

This policy was first brought forward two meetings ago to fulfill a requirement of our most recent Audit Management Letter. Comments made at that meeting and in subsequent discussions with various board members and staff have been incorporated into the document. The final draft has been included in the board packet for consideration at today's meeting.

**Policy on Suspected
Misconduct and
Dishonesty Approved**

A motion was made by Mr. Zeigler, seconded by Mr. McShea, to approve the Policy on Suspected Misconduct and Dishonesty. The motion passed unanimously.

5.2 2006 Budget

The **FIRST DRAFT** of the 2006 budget has been provided in the board packets. Staff continues to make adjustments to the document. We will be available to discuss specific areas of the budget and answer questions. Comments provided at the meeting or via telephone or email will be incorporated in the **SECOND DRAFT** which will be prepared before December 5, 2005. On December 5, 2005, the finance subcommittee consisting of Mr. Zeigler, Mr. Lapinski and Ms. Barnes will meet with staff to develop the **FINAL DRAFT** which will be presented at the December 21, 2005 meeting for approval.

5.3 Centre Hills Country Club Agreement

UAJA and the Centre Hills Country Club (CHCC) have been working on an agreement concerning the Beneficial Reuse Project. UAJA needs future rights of way to avoid having to condemn land for future phases of the project, and potentially avoid a significant cost to go around the golf course. In addition, CHCC is a significant discharge location for the reuse water, higher up in the watershed. UAJA will not have to rely solely on industrial reuse customers for the early phases of the reuse project.

The agreement also includes CHCC granting UAJA a site to construct a pump station which is required to move the water in future phases. Since CHCC needs the additional pressure now, the pump station will be constructed in this phase, with CHCC paying for operation and maintenance of the pump station until UAJA needs to boost the pressure for uses beyond CHCC. The agreement also allocates a minimum portion of the reuse water for CHCC.

**Centre Hills Country
Club Agreement
Approved**

A motion was made by Ms. Barnes, seconded by Mr. Lapinski, to have staff finalize the agreement with Centre Hills Country Club as long as there are no substantial changes. The motion passed unanimously.

5.4 Centre Region Economic Development Strategy For Beneficial Reuse Water

Last year, UAJA asked the Centre Region COG to give direction on how UAJA should allocate water for economic development along the reuse water corridor. UAJA suggested that since UAJA is not an economic development authority, that the region should consider appointing some other entity to recruit industries that will use the water and be consistent with the goals of the region and the host municipality.

The Centre Region COG appointed a technical advisory committee to evaluate options and to make a recommendation. The results of their work are included in the agenda packet titled

“Beneficial Reuse TAC Recommended Approach For A Targeted Economic Development Strategy”.

The Centre Region COG has asked all municipalities and UAJA to comment on the report and the recommendations.

Centre Region Economic Development Strategy Approved	A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to approve Option A of the Centre Region Economic Development Strategy For Beneficial Reuse Water. The motion passed unanimously.
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5.5 Contract 05-8 Pipe and Fittings Chemcut Gravity Sewer Line

On Wednesday, November 9th, 2005 at 10 a.m. a bid opening was held for the purchase of pipe for our Chemcut Gravity Sewer Project. The results are as follows:

L/B Water Service, Selinsgrove, Pa.	\$79,631.74
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Due to circumstances resulting from Hurricane Katrina and Rita, and the subsequent explosion at a leading provider of PVC resin, the supply of resin based products has been severely disrupted. Although L/B Water stated in their bid that the price submitted was for budgetary purposes which are based on current market conditions, our purchasing agent Diane Cowan has confidence that upon delivery they will also invoice us at the fair market value...or better.

Contract 05-8 Pipe and Fittings Chemcut Gravity Sewer Line Approved	A motion was made by Mr. Schwab, seconded by Mr. Zeigler, to award the Contract 05-8 to L/B Water Service in the amount of \$79,631.74 subject to market conditions. The motion passed unanimously.
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5.6 Contract 05-5 Beneficial Reuse Transmission Main Phase 1A

As reported in the Engineer’s report, UAJA opened bids for the above project which consists of the installation of the pipe under the bike path along Route 322 in College Township. The bid tabulation is attached to the Engineer’s report.

Contract 05-5 Beneficial Reuse Transmission Main Phase 1A Approved	A motion was made by Mr. McShea, seconded by Mr. Schwab, to award the Contract 05-5 to Kukurin Contracting, Inc., in the amount of \$1,555,555.00. The motion passed unanimously.
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6. New Business

6.1 Maher Duessel Contract Extension

The audit of the 2005 books that will take place in April/May of 2006 is the third and final year of the contract that was bid for Auditing services. The cost of the audit from that bid has been \$17,000 each year for audit years 2003, 2004 and 2005. A clause in that contract allows a two year extension of the contract if the terms can be negotiated to the satisfaction of both UAJA and Maher Duessel. Staff approached Maher Duessel to investigate exercising the extension clause. Rob Lent provided cost quotes to do the work for audit years 2006 and

2007. Cost for 2006 would be \$17,750, a 4.4% increase over 2005 and the cost for 2007 would be \$18,500, an increase of 4.2% over 2006. Staff has been extremely pleased with the response and work product of Maher Duessel.

**Maher Duessel
Contract Extension
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to authorize staff to extend the contract for two years at the terms explained. The motion passed unanimously.

6.2 Requisitions

Construction Fund Stage 6-242	HRG-RPR #41	\$7,498.42
Construction Fund Stage 6-243	HRG-CM #42	\$4,633.07

**Construction –
Requisitions
Approved**

A motion was made by Mr. Coe, seconded by Mr. McShea, to approve the Construction Requisitions Stage 6-242 thru Stage 6-243. Motion passed unanimously.

Revenue Fund #85	Debt Service, Operating and Maintenance Expenses	\$1,000,000
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**Revenue Fund
85
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Dempsey, to approve the Revenue Fund Requisition # 85. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ended October 2005 was presented to the Board for its review.

7.2 Chairman’s Report

No report.

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 October was 4.78mgd with the average for the month being 4.73mgd.

There were no inspections by DEP this month.

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

Plant Maintenance

- Repaired a potable water line leak in the Dewatering Bldg.

- The PLC for the screening unit lost its programming and with the assistance of HRG was reinstalled.
- Lakeside sent a technician in to repair the control panel at Septage Receiving. The VFD and part of the PLC was replaced. We still have existing problems utilizing this facility.
- Trojan sent a technician to re-program the UV unit in the AWT Bldg.
- A trash pump was purchased to enable the plant staff to fully drain the aeration basins.
- The wet well exhaust fan was reconnected at the Main Station. It had been taken out of service during the construction.
- The potable water pump was replaced at the Main Station.
- Top Hat replaced the flue at the old farm house.
- A trailer hitch was installed on the 01' Chevy. Struble's inspected the 99' Chevy which required new tires, brakes, rotors and a front end alignment.

Compost

- As of the end of October 2005, we have produced 16,561 cubic yards of compost and sold 12,490 cubic yards.
- The auger chain broke on the Knight Mixer. We called the local representative and they are making the repairs under warranty.

The maintenance personnel and some operations staff continue to receive training on some of the new treatment processes.

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 – (2) Park Centre Blvd./ Matilda Ave.
- (UA) Lateral Repairs – (3) 110 Seymore Ave./ 2181 Mountainview Rd./ 161 Cherry Ln.
- (UA) Mainline Cleaning – (4 manholes inspected- 465 feet cleaned)
- (UA) Mainline Repairs – (1) 56' in Cherry Ln.
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (4)
- (FTA) Lateral Installations – (1) 120 E. Chestnut
- (FTA) Lateral Repairs – (0)
- (FTA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – None
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – None

We have completed the pipe replacement on the Reed Alley project in Pine Grove. We constructed two new laterals and repaired three existing laterals. We spent most of our time this month trying to prepare the new building and move all of our materials and equipment from our various stashes to our new facility.

I/I Inspection(We TV'd 1494ua/0 fta feet of mainline and inspected 9 ua/0 fta MH's .)

Tested/Grouted – (0uaMH/0ftaMH + 0/0 Jts) Estimated I/I-flow decreased – (0gpd.= 0EDU’s) (0 Gal. of grout used). We are continuing to monitor flow meters in the service area. The meters were moved to new locations prior to the end of the Reed Alley construction, eliminating the records that would tell us how much I&I was reduced by this project. There were 22 basement inspections completed in Pine Grove Mills this month, bringing the total to 189 through the end of October.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We continue the annual pump check/oil change procedure. We also replaced a worn impellor at the Ghaner 2 station. We worked on telemetry system wide and rebuilt a pump shaft at the Scenery Park station. We also greased pumps and installed a new impellor, seals, and wear ring at the Scott Road station because of an impellor bolt failure.

Inspection Provisional As-builts Approved: Stearns Crossing, phase 5 &6

Mainline Construction

- a. Coventry Place – Construction is approximately 80% complete.
- b. Mt. Nittany Terrace - Construction is approximately 45% complete.
- c. Springfield Commons, phase 1 – Construction is approximately 60% complete.
- d. Hunters Chase, phase 4&5 – Construction is approximately 50% complete.
- e. Foxpointe, phase 6 – Construction is approximately 90% complete.
- f. Fieldstone, phase 1 – Construction is approximately 95% complete.

New Connections

a.	Single-Family Residential	30	c.	Commercial	0
b.	Multi-Family Residential	2	d.	Industrial	0
					TOTAL 32

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 is as follows:

Contr. No.	Contract	Contractor	Final Completion Date	Retainage
02-1	General Construction	Allan A. Myers, LP	November 10, 2005	\$ 588,837.00
02-2	Plumbing Construction	Robert Johnson P&H	November 10, 2005	\$ 12,150.00
02-3	HVAC Construction	G.M. McCrossin, Inc.	November 10, 2005	\$ 17,235.00
02-4	Electrical Construction	Bob Biter Electrical	November 10, 2005	\$ 29,409.00

A Final Inspection will be held on November 10, 2005 and we will provide an itemized list of items that have been completed, are partially completed, or remain for the Board’s review at the meeting.

Secondary Clarifier Modifications Procurement

Ford-Hall Company's submittals have been approved and they have indicated that mobilization will occur the week of November 7, 2005.

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

UAJA advertised and received bids for the first section of the Stage 8 Additions and Modifications on October 28, 2005. A copy of the certified bid results is attached. HRG has reviewed the bids and recommends award to Kukurin Contracting, Inc. for the completion of the Stage 8 Additions and Modifications in the amount of \$1,555,555.00.

For the remaining segment, HRG has prepared design drawings for the alignment of the transmission line and is completing the final PENNDOT Highway Occupancy Permit (the first segment was previously submitted and permitted), Right-of-Way Plats, and Contract Documents. Additionally, HRG is completing the design of the booster pump station and has contracted for geotechnical services on the Centre Hills Country Club.

Electronic Operations and Maintenance Manual

HRG is preparing a summary document for items within the Operations and Maintenance Manual and is scanning the vendor information for electronic inclusion.

Stage 6 and Stage 7 Record Drawings

A draft set of Record Drawings for the Stage 7 Additions and Modifications has been completed and HRG will be producing Record Drawings for the various portions of the Stage 6 Additions and Modifications as they are received from the Contractors.

ON-GOING PROJECTS

Emergency Response Planning

HRG has prepared an addendum to the updated Preparedness, Prevention, and Contingency Plan (PPC) and Spill/Leak Prevention and Response Plan (SPR) for possible failures within the collection and conveyance system. HRG is also in the process of completing an Emergency Response Plan for the site.

PLAN REVIEWS

Project Name	Design /As-Built	Status	Date
Stearns Crossing Ph. 5-6	As-Built	Comments to Developer	10/24/05

7.6 Executive Director's Report

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

Beneficial Reuse Project Ribbon Cutting Ceremony

A ribbon cutting ceremony will occur Thursday, November 17 beginning at 11:45 AM. The event is hosted by HRG. While there are still minor items to be completed, all of the systems are operational. Tours are available before and after the event.

Beneficial Reuse Project Documentary

A documentary has been produced to explain the reuse project to the general public. The video will air the week of November 14th on CNET as follows:

Monday November 14	8:30 AM
Tuesday November 15	11:30 PM
Wednesday November 16	6:30 PM
Saturday November 19	8:00 PM
Sunday November 20	4:00 PM

The planning, design and construction of the project has taken eight years, more than that if you count all the way back to the appeal of the UAJA NPDES discharge permit. Many newcomers to the region have arrived that were not around for the initial public education efforts. In addition, many may need a refresher course with the passage of time.

8. Other Business

Financing for Reuse Water Line Phase IA (Stage 8)

Mr. Miller reminded the Board that at the September meeting a motion was made to allow the staff and UAJA's financial consultant PFM to solicit quotes for a 20 year bank loan of \$5 million, and should the bond market appear to be the better choice, proceed with preparing for a \$5 million bond issue. Project costs have increased due to natural disasters; therefore, approval of an additional \$1,000,000 would be needed.

**Increase of Funds
Approved**

A motion was made by Ms. Barnes, seconded by Mr. Zeigler, to authorize and increase in the borrowing amount from \$5 million to \$6 million. Motion passed unanimously.

9. Adjournment

The meeting was recessed at 6:00 p.m. to allow consideration of the 2005 Construction Bond Issue. The meeting will reconvene on December 8, 2005 at 4:00 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary

MINUTES

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

November 16, 2005 Meeting Reconvened – December 8, 2005

1. Call to Order

Mr. Schmalz called the meeting of the University Area Joint Authority to order at 4:15 p.m. Thursday, December 8, 2005. The meeting was turned over to Ms. Bressler at 4:40 p.m. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Schmalz, Zeigler, Ms. Barnes and Ms. Bressler were present. Mr. Dempsey was present via cell phone. Also present were Cory Miller, Executive Director; Lou Verdelli, Public Financial Management; Robert Moore, Mette, Woodside & Evans; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. \$ 6 Million Bond Issue for the Beneficial Water Reuse Project

Mr. Verdelli reviewed with the Board the Bond Sal Document, Bid Results and Debt Service Schedules for the \$6 million bond issue.

Mr. Moore reviewed with the Board the three resolutions that will need to be adopted regarding the new bond indenture. Following these discussions, the following motions were offered.

**Resolution No. 05-6
Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Zeigler, to adopt Resolution 05-6 Supplemental of the 1993 Indenture for the Swaption dated July 2005. The motion passed unanimously with Mr. Dempsey voting via cell phone.

**Resolution No. 05-7
Approved**

A motion was made by Mr. Zeigler, seconded by Mr. Schmalz, to adopt Resolution 05-7 accepting the bid for the Bond. The motion passed unanimously with Mr. Dempsey voting via cell phone.

**Resolution No. 05-8
Approved**

A motion was made by Ms. Barnes, seconded by Mr. Schmalz, to adopt Resolution 05-8 Supplemental Trust 2005 Bond of \$6 million with payment to Omega Bank. The motion passed unanimously with Mr. Dempsey voting via cell phone.

4. Adjournment

There being no further business to come before the Board, the meeting adjourned at 4:45 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

DAVID D. COE
Assistant Secretary

DRAFT

MINUTES

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

Regular Meeting – December 21, 2005

1. Call to Order

Ms. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:04 p.m. Wednesday, December 21, 2005. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, DeWolfe, McShea, Schwab, Schmalz, Zeigler, Ms. Barnes and Ms. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Jason Wert, HRG; Dick Campbell, Solicitor; Dan Abruzzo, CBICC; Tom Songer, Heritage I; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – November 16, 2005 and December 8, 2005

The Board considered the UAJA minutes of the Regular Meeting held on November 16 and December 8, 2005. The following motion was offered:

<p style="text-align: center;">UAJA November 16 and December 8, 2005 Meeting Minutes</p>

A motion was made by Mr. Zeigler, seconded by Ms. Barnes, to approve the minutes of the UAJA Regular Meeting held on November 16 and the continuation meeting held on December 8, 2005 as presented. The motion passed unanimously.

4. Public Comment Period

4.1 Tom Songer and Heritage I Questions Concerning Tapping Fees and Quarterly Billing

Tom Songer of the Heritage I Board was present to discuss tapping fees and quarterly rates. A 30 page document prepared by Mr. Songer has been provided to board members. The same information was brought before the COG Public Services Committee at its December 15th meeting. The Public Services Committee needed to move on to other agenda items and will revisit the issue at the January meeting.

The information provided by Mr. Songer consists of copies of correspondence relating to tapping fees and quarterly rates, and a restatement of Mr. Songer's position on the issue. No new information has been provided.

The Board informed Mr. Songer that they would schedule a work session to discuss these items in the near future.

5. Old Business

5.1 2006 Budget

The 2006 Budget document was provided in the board packages. The finance sub-committee of the board met on December 5, 2005 and the draft budget was examined. The committee made many comments and suggestions that were incorporated into the final document. Staff and the Treasurer of the board are prepared to answer any questions that board members have.

**2006 Budget and
Quarterly Rate Increase
Approved**

A motion was made by Mr. Zeigler, seconded by Ms. Barnes, to approve the 2006 Budget and to approve the rate increase to \$81 per EDU per quarter effective January 1, 2006. The motion passed unanimously.

5.2 Quarterly Rate Increase to \$81 per EDU per Quarter

The draft 2006 Budget includes additional revenue generated from increasing the quarterly charge by \$3 per EDU to \$81 per EDU per quarter. This action makes that official. In March of each year, the actual rate resolution is readopted with any accumulated changes from the previous year.

6. New Business

6.1 Contracts 2005-9 (Sodium Hypochlorite) and 2005-10 (Aluminum Sulfate)

On Thursday, December 8, 2005 at 2 pm bids were opened for the purchase of Aluminum Sulfate and Sodium Hypochlorite for the period of January 1 through December 31, 2006. The bids that were submitted are as follows:

Sodium Hypochlorite (Contract #2005-9):	Univar	\$1.38/gal + \$25/drum deposit
	Brenntag	\$2.00/gal + \$50/drum deposit
Aluminum Sulfate (Contract #2005-10)	Delta Chemical	\$280.50/dry ton
	General Chemical	\$218.50/dry ton
	Univar	\$230.00/dry ton

**Chemical Bids
Approved**

A motion was made by Mr. Schwab, seconded by Mr. Coe, to award the bids for Sodium Hypochlorite to Univar and the Aluminum Sulfate to General Chemical. The motion passed unanimously.

6.2 Contract 2005-14 (Rental Equipment)

On Tuesday, December 13, 2005 at 2 pm bids were opened for the purchase of Rental Equipment on Contract #2005-14 for the period of January 1 through December 31, 2006. The contract consisted of three separate articles. The bids that were submitted are as follows:

Article #1 - Tandem Dump Truck w/Operator	\$58.00/hr	George Robb
Article #2 - Backhoe, w/o Operator	\$1548.00/mo \$ 975.00/mo	Foster Wineland Groff Equipment
Article #3 - Track Loader w/o Operator	\$3646.00/mo \$2975.00/mo	Foster Wineland Groff Equipment

**Rental Equipment Bid
Approved**

A motion was made by Mr. McShea, seconded by Mr. Zeigler, to award the bid for Rental Equipment for Article # 1 to George Robb and Article # #2 to Groff Equipment and Article #3 to Groff Equipment. The motion passed unanimously.

6.3 Contract 2006-1 Manholes for Chemcut Gravity Sewer Line

Last month, the Board awarded the contract for the pipe for the above project. Due to delays in getting a satisfactory design approved by the developer of the Circleville Farm, Ferguson Township, Penn State, and UAJA, this project has now moved to critical status. It has to be finished to allow Ferguson Township to complete the Science Park road project, which begins in spring 2006. Staff had hoped to have brought a complete bid to the Board this month. That was impossible.

To keep the construction within the available time, UAJA needs to have the manholes and castings ordered as soon as possible. Therefore, staff is requesting the Board give approval for the Executive Director to award the contract for both the manholes (2006-1) and castings (2006-2) as soon as the bids have been opened and evaluated. This will be in advance of the January meeting, probably January 4th.

The estimated cost for the manholes and castings is as follows:

<u>5'dia.</u> MH	25 (regular)	* Depth-	8'	20	\$28,800.00
	<u>3</u> (dog-house)		9'	4	6,480.00
	28		10'	3	5,400.00
			12'	<u>1</u>	<u>2,160.00</u>
				28	42,840.00

Poured Flowlines @ 100.00ea X 25 Reg. 2,500.00
\$45,340.00

* Depth amount figured @ \$180/vlf

Castings bid separately from MH's @ +/- \$400.00ea 28 X 400= \$11,200.00

**Contract 2006-1
Approved**

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to authorize the Executive Director to award the Contract 2006-1 Manholes for Chemcut Gravity Sewer Line to the successful low bidder. The motion passed unanimously.

6.4 Contract 2006-2 Castings for Chemcut Gravity Sewer Line

Please see explanation in agenda item 6.3.

This Contract was put on hold until the January 2006 meeting.

6.5 Requisitions

Construction Fund Stage 6-244 HRG-RPR #42 \$ 3,827.63

**Construction –
Requisitions
Approved**

A motion was made by Mr. Schmalz, seconded by Ms. Barnes, to approve the Construction Requisitions Stage 6-244. Motion passed unanimously.

Construction Fund Stage 6-245 Allan Myers #39 \$250,000.00

**Construction –
Requisitions
Approved**

A motion was made by Mr. Coe, seconded by Ms. Barnes, to approve the Construction Requisitions Stage 6-245. Motion passed unanimously.

7. Reports of Officers

7.1 Financial Report

The Financial Report for the period ended November 2005 was presented to the Board for its review.

7.2 Chairman's Report

No report.

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 November was 4.79mgd with the average for the month being 4.77mgd.

John Sengle from DEP inspected the facility on November 6th and 7th, 2005. This was an in depth inspection that included splitting samples with our lab facility. The results were unavailable at the time of this report.

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

- Repaired a potable water line leak outside of the Dewatering Bldg.

- The drive chain broke and was replaced with the spare on the new Knight mixer.
- A corroded section of wiring for the street lights on the hill was by-passed and will be replaced as time permits.
- A defective control transformer for the heat pump was replaced in the RAS bldg.
- Installed locking thermostats on the existing heat pumps.
- Automatic weir brushes were installed on all four secondary clarifiers. This will eliminate the need for the operators to brush them on a weekly basis and prevent algae build-up in the AWT Feed Pump Station.
- A rebuilt transducer was installed in tank #6 at the Dewatering Bldg.
- A new life ring was mounted on Aeration Tank #3.
- A safety rail was installed around the wet well influent pipe at the Main Station.
- We found the suction arm plugged on secondary clarifier #3. The piping was back flushed and large chunks of grease came out of the pipe. The piping in all the clarifiers will need to be cleaned this spring utilizing the jet truck.

Compost

- As of the end of November 2005, we have produced 17,957 cubic yards and sold 13,683 cubic yards of compost.

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 – (32 manholes inspected- 6215 feet cleaned)
- (UA) Mainline Repairs – (0)
- (UA) Manhole Repairs – (0)
- (UA) Manhole Casting Repairs – (8)
- (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 continue to work in the new shop. We installed fresh stone on the entryways to the North meter site and the Ferguson (Scott Rd) lift station. We had the dump beds on some of our trucks sand blasted and painted, as they were becoming quite rusted and unsightly. We replaced the rear bumper on the Sewer Cleaner truck with a piece of aluminum I-beam which is much stronger and will afford greater protection to the pump.

I/I Inspection(We TV'd 5004ua/0 fta feet of mainline and inspected 23 ua/0 fta MH's .)
Tested/Grouted – (0uaMH/0ftaMH + 0/0 Jts)Estimated I/I-flow decreased – (0gpd.= 0EDU's)
(0 Gal. of grout used). We are continuing to monitor flow meters in the service area. There

were 3 Basement Inspections completed in Pine Grove Mills this month, bringing the total to 192 through the end of November.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We completed the annual pump check/oil change procedure at all stations. We had a chain-link fence installed around the building at the North metering site because of vandalism and graffiti.

Inspection: Provisional As-builts Approved: Revised Vista Woods -2, As-builts for new zoning changes

Mainline Construction

- a. Coventry Place – Construction is approximately 85% complete.
- b. Mt. Nittany Terrace - Construction is approximately 70% complete.
- c. Springfield Commons, phase 1 – Construction is approximately 65% complete.
- d. Hunters Chase, phase 4&5 – Construction is approximately 90% complete.
- e. Foxpointe, phase 6 – Construction is approximately 90% complete.
- f. Fieldstone, phase 1 – Construction is approximately 95% complete.
- g. Golden Orchard Estates, phase 3 – Construction is approximately 75% complete.

New Connections

a.	Single-Family Residential	14	c.	Commercial	0
b.	Multi-Family Residential	0	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 is as follows:

Contr. No.	Contract	Contractor	Final Completion Date	Retainage
02-1	General Construction	Allan A. Myers, LP	November 10, 2005	\$ 588,837.00
02-2	Plumbing Construction	Robert Johnson P&H	November 10, 2005	\$ 12,150.00
02-3	HVAC Construction	G.M. McCrossin, Inc.	November 10, 2005	\$ 17,235.00
02-4	Electrical Construction	Bob Biter Electrical	November 10, 2005	\$ 29,409.00

HRG has been updating the completed work of the Contractors and will provide an itemized list of items that have been completed, are partially completed, or remain for the Board’s review at the meeting. Additionally, Allan A. Myers, LP has requested a partial payment for the work that has been completed on the project. As of 12/16/05, AAM has completed approximately \$474,000 of the \$588,837 and HRG will be prepared to discuss the validity of a partial payment.

Secondary Clarifier Modifications Procurement

Ford-Hall Company has successfully completed the installation of the automated weir cleaning system and will be providing final closeout documentation for payment.

Science Park Road Sewer Design

HRG has met with representatives from both affected properties and has finalized the alignment for the proposed sanitary sewer main. A Water Quality Management Part II Permit for the sewer main and pump station demolition will be submitted to the PA DEP for review and approval. HRG is also producing final plan and profiles for UAJA's use in construction.

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

A preconstruction conference was held on December 1, 2005 with Kukurin Contracting, Inc. and minutes of the meeting are attached. Kukurin Contracting, Inc. has prepared submittals and shop drawings for HRG's review and work is expected to begin in early 2006.

HRG has also met with representatives of PENNDOT to finalize the alignment along State Route 26 and provide information on the chosen route. Additionally, there is a supplemental requirement for a portion of the bikepath alignment that requires Central Office Approval.

Electronic Operations and Maintenance Manual

HRG is preparing a summary document for items within the Operations and Maintenance Manual and is scanning the vendor information for electronic inclusion.

Stage 6 and Stage 7 Record Drawings

A draft set of Record Drawings for the Stage 7 Additions and Modifications has been completed and HRG will be producing Record Drawings for the various portions of the Stage 6 Additions and Modifications as they are received from the Contractors.

PLAN REVIEWS

Project Name	Design /As-Built	Status	Date
Gray's Woods Ph. 3 Sec. B - Brynwood	Design	Comments to Developer	12/1/05
Vista Woods Phase II (Whisper Ridge)	As-Built	Recommend Approval	11/16/05
Home Depot Land Development Plan	Design	Review in Progress	NA
2121 East College Avenue	Design	Review in Progress	NA

7.6 Executive Director's Report

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

Chesapeake Bay Tributary Strategy

DEP sent letters to all bay treatment plants December 5, 2005, setting their 2010 projected flows. UAJA was given 5.3 million gallons per day as our flow. This was already exceeded in 2003 (5.4 MGD). Therefore, UAJA staff halted issuing permits. This was going to be an agenda item requiring action, but, thanks to significant pressure from State Legislators,

builders, developers, and even agricultural organizations, DEP rescinded the letters on December 14th. UAJA is again issuing permits.

Staff was caught totally off guard by this estimate of our 2010 flow. All indications from DEP were that our projected flow would be in excess of 6.0 MGD. Since at some time in the near future, DEP will have to set a flow, staff is collecting documentation on existing approved planning modules, and will then be contacting each developer to obtain a schedule of construction through 2010. We will also need to obtain a schedule for when the Borough of State College anticipates transferring any additional flow from the Penn State plant to UAJA. UAJA will then be in a strong position to tell DEP what the realistic 2010 flow projection should be.

Centre Region Act 537 Plan

The draft Act 537 Plan will be presented to the municipalities at the COG General Forum meeting at 7:30 PM December 20th at the COG Forum Room, 2643 Gateway Drive. The recommended action is: *That the General Forum receive Draft #1 of the Centre Region Act 537 Sewage Facilities Plan Update, and refer the Plan to the Region's municipalities for review and comment; and furthermore, that municipal comments on this Plan be forwarded to the COG Executive Director by March 17, 2006.* UAJA will need to provide comments in the same timeframe.

Change of Rate, Change of Bill Format

Notices will be mailed to all customers in early January explaining the rate increase to \$81 per EDU. In addition, UAJA needs to change the bill format to a sealed mailer/envelope to comply with privacy regulations. The bills will be mailed in the new format starting with the bills for the first quarter of 2006.

8. Other Business

None

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 6:05 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN DEMPSEY
Secretary