

MINUTES

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

Regular Meeting – January 15, 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. on Wednesday, January 15, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Klapac, Lichty, Mollo, Regan, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Steve Welch, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Dick Campbell, Solicitor; Bill McNeal, State College Borough; Mr. Tom Songer, Mr. Dan Abruzzo, Mr. Mike Taylor; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

Reorganization of Officers

Reappointment of
Officers Approved

A motion was made by Mr. Schwab, seconded by Mr. Regan, to retain the same officers (except for Assistant Treasurer) for 2003. The motion carried unanimously.

Appointment of
Assistant Treasurer
Approved

A motion was made by Mr. Coe, seconded by Mr. Mollo, to appoint Mr. Schmalz as Assistant Treasurer. The motion carried unanimously.

Reappointment of Staff,
Advisors & Depositories
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Klapac, to retain the same Staff, Advisors and Depositories for 2003. The motion carried unanimously.

Officers (effective 1/1/03)

Chairman	Richard C. Mollo
Vice-Chair	Sharon K. Bressler
Secretary	Brian A. Dempsey
Assistant Secretary	David D. Coe
Treasurer	Raymond W. Regan
Assistant Treasurer	Robert F. Schmalz
Board Member	Joseph E. Lichty
Board Member	David C. Lapinski
Board Member	Frank J. Schwab
Board Member	Michael Klapac
Executive Director	Cory R. Miller

Advisors

Solicitor	Richard L. Campbell Miller, Kistler, Campbell, Miller & Williams, Inc.
Consulting Engineer	Brian Book Herbert, Rowland & Grubic, Inc.

Auditor	Larry Ritchey Ritchey, Cox, Hollis, Neild & Klein, PC
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Bond Counsel	Robert Moore Mette, Evans & Woodside
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Depositaries Trustee Bank	Omega Bank
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Depositaries	Omega Bank - General Fund Account Omega Bank - Payroll Account PLGIT - Investment Fund Account
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3. Reading of the Minutes

3.1 UAJA Regular Meeting – December 18, 2002

The Board considered the UAJA minutes of the Regular Meeting held on December 18, 2002 and took the following action:

UAJA
December 18, 2002
Meeting Minutes
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Dempsey; the minutes of the UAJA Regular Meeting on December 18, 2002 were approved as presented.

4. Public Comment Period

Mr. Songer reviewed with the Board his letter of request regarding change in billing calculations. In Mr. Songer's letter there are three separate requests:

- Quarterly charges for commercial buildings and volume based billing
- Calculation of tapping fees for commercial development
- Encouraging water conservation

In Mr. Miller's written Executive Director's report information was provided to the Board regarding UAJA's prospective of these issues. Following discussion on the requests, it was agreed that Mr. Miller along with the Chamber of Business and Industry review the different charging options.

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending December 31, 2002 was presented to the Board for their review.

Mr. Smith reviewed with the Board his memo regarding the sale of the Pine Grove Mills property. Mr. Smith explained that staff recommends that the proceeds from the sale be used to payoff the PENNVEST loan that was assumed when UAJA took over that system. Due to the low interest rates, it can not be justified to invest these funds instead of using them to payoff this loan. The exact amount of the payoff has not been determined but is estimated to be around \$342,000 with the remaining funds to be credited to the Pine Grove Mills debt.

PENNVEST LOAN
PAYOFF
APPROVED

A motion was made by Mr. Schwab, seconded by Mrs. Bressler; to payoff the PENNVEST loan that was assumed with the Pine Grove Mills system and that the remaining funds be credited to the Pine Grove Mills debt. The motion passed unanimously.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for December was 4.88 mgd with the average for the month being 4.76 mgd.

There were no inspections by DEP this month although John Sengle was in to respond to another spill caused by the contractors. This was discussed at last month's meeting.

Treatment units on line are as follows: primary clarifiers #2 and #3; aeration basins #1 and #2; secondary clarifiers' #1 and #2; and 6 of 8 tertiary filters.

Plant Maintenance

Dewatering Building

- Primary transfer pump #1 had bearings and packing replaced.
- The transducer and circuit card for #6 tank level indications were replaced.
- A low air pressure warning alarm was installed to alert operators before interrupts BFP operations.

Plant General

- Defective ballasts and lamps were replaced plant wide.
- The chlorine system had failed due to a power interruption. It had to be drained and dried. System is back on line.
- Hoffman blower motor #2 drive bearings were replaced along with the drive bearings for the blower itself.
- The power lines feeding the Philadelphia mixers on #1 aeration tank were shorted together due to moisture in the pull box between #1 and #2 aeration tanks. These lines were repaired and operations of the mixers are back to normal. These mixers will be obsolete after expansion.
- Two level floats at the Chlorine Tank Pump Station failed and were replaced.
- Replaced air valves AV-3 in both Micro-filters.
- Replaced the Membrane Test Pressure air regulator on #1 Micro-filter.

Primary Building

- The air check valves for the compressors were replaced.
- Repaired sleuth gate lifting mechanism on #2 Primary tanks.

Compost Operations Report

- 15,701 Cubic Yards of Compost produced through the end of December.
- 15,042 Cubic Yards of Compost marketed through the end of October.
- There were no inspections by DEP of the Compost facility this reporting period.
- Replaced belts on #7 Bio fan and belts and pulleys on #3 Bio fan.
- A hydraulic hose was replaced on the SSI mixer.

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

5.4 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) 445 Cricklewood Dr.

- (UA) Mainline Cleaning – (26 manholes inspected- 4,728 feet cleaned)
- (UA) Mainline Repairs – None
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – None
- (FTA) Mainline Repairs – None
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – None
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – None

We put all of the available staff on the electrical conduit project for the Plant, since several were off, either on vacation or hunting. At this writing the work is approximately 75% completed.

I/I Inspection We TV'd 6,021 feet of mainline and inspected 42 MH's .)
Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd)
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 are trying to arrange for the removal of the heavy grease blanket in the wet well at the Trout Rd. Station prior to the contractor doing the inlet changeover for the station renovation.

Inspection

Preliminary As-builts Approved: Northbrook Greens, Georgetown Lots 8&9

Mainline Construction:

- a. Village @ PSU Phase I – Construction is complete. No As-built submission yet.
- b. Western Inner Loop – Sewer replacement is approximately 60 % complete. *On Hold.*
- c. Sheetz – Construction is complete. Waiting for As-builts.
- d. Sawmill Phase 2 – Construction has begun and is approximately 80% complete.
- e. Marywood (Spring Glen Place only) – Construction complete. Waiting for As-builts.
- f. Shields Motors – Construction to start soon.
- g. Oakwood Apts. – Construction is approximately 80% complete.

New Connections:

a.	Single-Family Residential	14
b.	Multi-Family Residential	12
c.	Commercial	0
d.	Industrial	0
	TOTAL	26

5.5 Construction Projects Report

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

This reporting period covers the hunting season, Christmas and New Years Holidays. HRG will cover work progress during this time frame in their Engineers report. I will summarize the pay applications and change orders that we have for Board approval. We have eight pay applications for Board approval.

The first is from U. S. Filter/Memcor for the membrane filter system equipment procurement. This is payment number two on that contract. Our contract with U. S. Filter is for a total of

\$261,000.00. We have previously paid them \$126,100.00 and this is the second payment of \$63,050.00 the contract sets forth the milestone payments.

The second pay application for Board approval is from Continental Blower. This is for supplying the new aeration blowers. The total contract price was \$201,914.00. The previous payment was \$50,487.00 and this installment is \$100,975.00. This is in line with the contract conditions.

The next three pay applications are for HRG services rendered. The first is for final design of the Beneficial Reuse in the amount of \$11,440.00. These costs were incurred in the transmission line design by Sweetland Engineers. The second is for HRG's construction management in the amount of \$19,101.30. The third is for HRG's Resident Project representation in the amount of \$38,062.50.

The final three pay applications are from the General Contractor, HVAC Contractor, and Electrical Contractor. The General contractor has submitted pay application number seven in the amount of \$706,977.33. The HVAC contractor has submitted pay application number two in the amount of \$125,457.30. The Electrical contractor has submitted pay application number five in the amount of \$94,787.76. This also includes change order number four (Electrical) in the amount of \$90,000.00 credit. This is to correct change order number two. The correct amount of change order number two should have been \$290,000.00. Staff and HRG have reviewed these pay applications and find them to be in order and recommend the Board approve them for payment.

The first six months of this project are now behind us we are on schedule time wise and a little behind in the money draw down. This is due to not receiving a whole lot of machinery yet.

5.6 Engineer's Report

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

Retainer

We appreciate our position as your retained engineer, and wish to continue this beneficial relationship for another year. We would offer to continue our existing agreement unchanged except for an annual update of the Fee Schedule and Reimbursable Expenses.

Beneficial Reuse

Design – Transmission Line Realignment

We have returned to Sweetland, HRG's review comments, and we will forward UAJA's Staff comments as soon as they are available. PennDOT has returned the Highway Occupancy Permit Application for minor changes where conflicts exist between our proposed transmission line and stormwater and public water utilities proposed for installation in the State Right of Way. These revisions have extended the project schedule slightly, but we are still targeting a start of construction this spring.

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI’s and processing submittals. We have attached the Application for Payment Logs for your information. We recommend approval of the following.

Applications for Payment

Contr. No.	Contract	Contractor	App No.	Amount
2001-4	Membrane System Procurement	US Filter/MEMCOR	2	\$ 63,050.00
	Aeration Equipment Procurement	Continental Blower, LLC	2	\$ 100,975.00
02-1	General Construction	Allan A. Myers, LP	7	\$ 706,977.33
02-3	HVAC	G. M. McCrossin, Inc.	2	\$ 125,457.30
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	5	\$ 94,787.76
				\$ 1,091,247.39

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #8 is attached which describes the construction activities that occurred during the past month for your information.

Cluster’s Meter Pit Rehabilitation

We have forwarded to State College Borough, copies of our design documents at 75% complete. The project is on hold until Gannett Fleming completes their review of the design on behalf of State College Borough.

Plan Reviews

HRG Job Number	Project Name	Design/As-Built	Status	Date
1178.127	Georgetown Lots 8-9 Residential Townhomes	As-Built	Approved	12/23/02

5.7 Executive Director’s Report

Pine Grove Mills Service Area

The Ferguson Township Supervisors adopted the revised sewer service area for the Pine Grove Mills area on Monday, January 6. Mapping and a narrative will now be prepared for the Act 537 sewage facilities plan update, which will be provided to the COG General Forum at its January 27 meeting and then for submission to DEP. The Centre Region Planning Agency will prepare the maps and make the submittals to DEP.

\$100,000 Nutrient Removal Grant

UAJA received notification in early December of the award of a grant for nutrient removal. As was reported at the December meeting, UAJA staff is investigating the inclusion of a nutrient removal permit limit as a condition of receiving the grant. If this wording in the grant contract is not removed, UAJA staff will be recommending that UAJA not accept the grant.

6. Old Business

None

7. New Business

7.1 Requisitions

Construction Fund Stage 6-023	App. #7 Myers	\$706,977.33
Construction Fund Stage 6-024	App. #5 Biter	\$94,787.76
Construction Fund Stage 6-025	App. #2 McCrossin	\$125,457.30
Construction Fund Stage 6-026	App. #7 HRG-CM	\$19,101.30
Construction Fund Stage 6-027	App. #6 HRG-RPR	\$38,062.50
Construction Fund Stage 6-028	App. #19 Misc.(HRG Final Design)	\$11,440.00
Construction Fund Stage 6-029	App. #2 US Filter	\$63,050.00
Construction Fund Stage 6-030	App. # 2 Continental Blower	\$100,975.00

Construction –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mr. Regan, to approve the Construction Requisitions as presented. Motion passed unanimously.

Revenue Fund Requisition #68	Operation & Maintenance	\$800,000.00
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Revenue Fund
Requisition No. 68
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Schwab, to approve the Revenue Fund Requisition No. 68 to transfer funds from the Revenue Fund to the General Fund in the amount of \$800,000.00. Motion passed unanimously.

8. Other Business

9. Adjournment

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

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN A. DEMPSEY
Secretary

MINUTES

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

Regular Meeting – February 19, 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. on Wednesday, February 19, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Klapac, Lapinski, Lichty, Mollo, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Steve Welch, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Dick Campbell, Solicitor; Mark Whitfield, State College Borough; Ms. Pauline McVay, Ms. Carol Berzonsky, Ms. Sandy Erwin; 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 15, 2003

The Board considered the UAJA minutes of the Regular Meeting held on January 15, 2003 and took the following action:

UAJA January 15, 2003 Meeting Minutes Approved

A motion was made by Mr. Schmalz, seconded by Mr. Dempsey; the minutes of the UAJA Regular Meeting on January 15, 2003 were approved as presented.

4. Public Comment Period

4.1 Request for Review of EDU Assignment – Pauline's Creative Designs

Ms. McVay of 1602 Hawthorn Drive reviewed with the Board a letter received from Ms. McVay is requesting the ½ EDU applied to her account for her in home business be removed based on the extremely low impact of her business on the sewer system. Ms. McVay is running a part-time beauty salon from her home. Following discussion regarding the water usage and diminutive permits utilized by DEP the Board took the following action:

Request for Reduction in
Sewer EDU's
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to reduce the EDU allocation for Ms. McVay's sewer account for a period of one year. Ms. McVay will need to update the Authority annually as to any changes regarding her salon to maintain the lower EDU rate. Motion passed unanimously.

Request for Review of EDU Assignment – 540 Scotia Road

Ms. Erwin and Ms. Berzonsky of 540 Scotia Road reviewed with the Board the letter received from Ms. Erwin requesting a reduction in both the tapping fee (this is a new connection) and the quarterly charge. The basis for the request is that Ms. Erwin has a part-time massage business that generates very little additional flow to our sewer system. According to our rate resolution, an in home business is required to pay ½ EDU for the tapping fee and the quarter sewer charges.

Request for Reduction
of EDU Assignment for
Quarterly Sewer Bill
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to waive the ½ EDU for 540 Scotia Road for a period of one year with the owner's providing information annually to maintain the lower EDU's. Motion passed unanimously.

Request for Reduction
of EDU Assignment for
Tapping Fee
Reviewed

A motion was made by Mrs. Bressler, seconded by Mr. Schwab, that the tap fee of ½ EDU be waived until the Board has time to evaluate the issue. Motion passed unanimously.

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending January, 2003 was presented to the Board for their review.

In Mr. Smith's absence, Mr. Miller reviewed with the Board the financial reports for January. Mr. Smith has put together a snap-shot report that looks at all of the financial accounts. With the new report it should be easier to see how the funds are being moved from one account to another to pay the requisitions that need to be paid. The other new report is a "year to date budget summary". Along the right side of the report is a percentage column that shows what has been used to date. A question was raised about line items that were already extremely over budget. Mr. Millers explained that the numbers budgeted were either a quarterly or monthly number that was not picked up during the budget process and that Mr. Smith has suggested that these lines will be footnoted instead of redoing the budget.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for January was 4.94 mgd with the average for the month being 5.04 mgd.

John Sengle of DEP inspected the facility on February 11, 2003. This inspection was done in conjunction with a response to a minor spill outlined in the Engineers report.

Treatment units on line are as follows: primary clarifiers #1, #2 and #3; aeration basins #1 and #2; secondary clarifiers' #1 and #2; and 6 of 8 tertiary filters.

Plant Maintenance

Dewatering Building

- The headers were cleaned and rags removed from tank#4.
- Two Tuthill blowers were overhauled along with motor bearings.

Plant General

- The oil and filters were changed in the Plant Emergency Generator.
- The timers in the transfer switches for the Plant Generator are malfunctioning. Parts are on order to repair the switches.
- The main regulator was replaced on #1 Micro-Filter.
- An automation drain valve was installed on the air compressor for both Micro-filters.

Primary Building

- The exhaust mufflers were replaced on all 8 diaphragm pumps.

Compost Operations Report

- 1,311 Cubic Yards of Compost produced through the end of January.
- 1,212 Cubic Yards of Compost marketed through the end of January.
- DEP inspected the facility on January 7, 2003 with no infractions noted.
- A new wheel and wheel drive box were replaced on composter #2.
- A new shaft and bearings were installed on #2 BioFan

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

5.4 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 – (103 manholes inspected- 19,726 feet cleaned)
- (UA) Mainline Repairs – None
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (4)
- (FTA) Mainline Repairs – None
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – None
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – None

We put all of the available staff on the electrical conduit project for the Plant, and completed the necessary work on schedule. We also began brushing activities in the Big Hollow ROW.

I/I Inspection (We TV'd 905ua/855fta feet of mainline and inspected 7ua/7fta MH's.)
Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd) 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 are trying to arrange for the removal of the heavy grease blanket in the wet well at the Trout Road. Station prior to the contractor doing the inlet changeover for the station renovation. Electrical renovations have started.

Inspections

Preliminary As-builts Approved: None

Mainline Construction:

- a. Village @ PSU Phase I – As-builts have been submitted and are being reviewed.
- b. Western Inner Loop – Sewer replacement is approximately 60 % complete. *On Hold.*
- c. Sheetz – As-builts have been submitted and are being reviewed.
- d. Sawmill Phase 2 – Construction has begun and is approximately 98% complete.
- e. Marywood (Spring Glen Place only) – Construction complete. Waiting for As-builts.
- f. Shields Motors – Construction is complete and As-builts are being reviewed.
- g. Oakwood Apts. – Construction is complete. Waiting for As-builts.

New Connections:

- a. Single-Family Residential 12
 - b. Multi-Family Residential 11
 - c. Commercial 0
 - d. Industrial 0
- TOTAL 23

5.5 Construction Projects Report

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

Construction activities continue to move forward, although they have been hampered slightly by the weather. Mainly the high winds and extremely cold temperatures. Again I will defer to HRG's progress report submitted by Mr. Weikel for detailed construction activities for all four contracts. We (Staff) have six pay applications drawn on the construction fund for Board approval. We also have five change orders on the General contract for your approval. The actual payout for these change orders will not show up until the work is actually completed.

HRG will be providing details concerning each change order.

The pay applications are as follows:

Contract 02-1 General Construction Allan A. Myers

Application #8 \$901,155.27

Contract 02-2 Plumbing Robert Johnson

Application #2 \$17,158.50

Contract 02-4 Electrical Bob Bieter Electrical

Application #6 \$119,166.74

HRG Construction Management

Application#8 \$33,059.76

HRG Resident Project Representative

Application#7 \$30,203.67

HRG Final Design

\$1,857.50

As of February 10, 2003 the general contract is 17.8% complete. The plumbing contract is 8.9% complete. The HVAC contract is 6.1% complete. The electrical contract is 23.9% complete

At the start of the project we assembled a draw down schedule. This schedule was purely an estimate on information supplied by the four prime contractors. Based on that estimate we have expended 5.6 million dollars less than estimated on the schedule. As I reiterated last month this will change when the big ticket items start arriving in the near future.

5.6 Engineer's Report

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

Retainer

We have nothing to report this month.

Beneficial Reuse

Design – Transmission Line Realignment

Based on meetings with UAJA staff and discussions with PennDOT, HRG is preparing a new alignment of the transmission line that should be more economical to UAJA while taking advantage of several design changes. This effort will delay the project by 4-6 weeks. We anticipate advertising the project for bid in April/May of this year dependent upon the completion of this effort.

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. We have attached the following Logs for

your information.

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

We recommend approval of the following.

Change Orders:

No.	Contract	Description	Subtotal	Total
1-4	General Construction	1. Install concrete in the blower inertia bases	\$ 2,968.40	\$18,769.57
		2. Change primary influent & effluent pipe from TR flex joint to Tyton joint.	\$(8,700.00)	
		3. Install 4" & 8" tie in pipe & valves from septage receiving to dewatering.	\$ 13,552.41	
		4. Install 2-36" caps on the tertiary by-pass line instead of concrete plugs.	\$ 9,154.09	
		5. Change the septage forcemain (Line #21) from 6" to 8".	\$ 1,794.67	

Reasons for Change Order Items:

1. The inertia dampening base frames were delivered as part of the Procurement Contract from the Blower manufacturer. The installation of concrete in the frames is needed for the proper installation but was not listed under the General Contractor's Work.
2. Similar to Change Order No. 1-1, the change of pipe joint type provides a cost savings as well as a quicker material delivery while not sacrificing quality.
3. The pipe and associated valves were deleted in Addenda #5. The addenda text was meant to correct pipe numbers for uniformity but inadvertently deleted the pipe and valves themselves.
4. The tertiary by-pass line is used to supply water from the Chlorine Contact Tank (CCT) for backwash and utility water. A branch of the line is to be demolished for the AWT Feed Pump Station constructed adjacent to the Tertiary Building. The plans require the pipe to be plugged with concrete but the pipe is below the level of the CCT and cannot be dewatered for a long enough period to allow proper curing of the plug. In addition, a valve is to be closed on this line above the old CCT so it can be demolished. That valve may not close fully. To prevent future leakage, a cap will be installed on the valve to provide a complete seal.
5. The force main from the Septage Receiving Station is incorrectly listed on the plans as 6" diameter. The pipe should be 8" diameter.

As shown on the attached logs and schedules, the total approved change orders (CO's 1-1 through 1-3) for Contract 02-1 is \$34,536.96 (0.10% of the total contract). CO 1-4 represents 0.06% of the contract price.

Applications for Payment:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	8	\$ 901,155.28
02-2	Plumbing	Robert Johnson Plumbing & Heating, Inc.	2	\$ 17,158.50
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	6	\$ 119,166.74
				\$ 1,037,480.52

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly

Progress Report #9 is attached which describes the construction activities that occurred during the past month for your information.

5.7 Executive Director's Report

Shiloh Road Interchange Service Request – Benner Township

Gerald Rogers and Gerald Clair have requested that UAJA review the possibility of providing sewer service to their commercially zoned properties within Benner Township, as well the portion of those same properties that is within College Township that are currently zoned agricultural. The properties are immediately adjacent to I-99 at the Shiloh Road interchange. Since both of these properties are outside of the current UAJA sewer service area, UAJA cannot at this time serve the properties. The Centre Region municipalities have the responsibility of determining the sewer service boundary through the Act 537 Sewage Facilities Planning Process. Consequently, the requests are being forwarded to the Centre Region Council of Governments for consideration.

Mr. Miller reminded the Board that anyone who has not submitted their Statement of Financial form from the State Ethics Commission should do so as soon as possible.

6. Old Business

None

7. New Business

7.1 Final Design – Premiere Theatre

Final design drawings for Premiere Theatre sewer relocation and extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 54 EDU's from the theatre. The review comments have been addressed.

Final Design – Premiere Theatre Approved
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A motion was made by Mr. Schwab, seconded by Mrs. Bressler, to approve the Final Design drawings for Premiere Theatre sewer relocation and extension. Motion passed unanimously.

7.2 Change Order No. 4, Beneficial Reuse Project

Change Order No. 4 is described in detail in the engineer's report. The total amount is \$18,769.57. To date 17.92 percent of the General Contract work is complete, with 0.16 percent change orders (including No.4).

Change Order No. 4 Approved

A motion was made by Mr. Klapac, seconded by Mr. Lapinski, to approve Change Order No. 4 as presented. The motion passed unanimously.

7.3 Requisitions

Construction Fund Stage 6-031

App. #8 Myers

\$901,155.27

Construction Fund Stage 6-032	App. #6 Biter	\$119,166.74
Construction Fund Stage 6-033	App. #2 Johnson	\$17,158.50
Construction Fund Stage 6-034	App. #8 HRG-CM	\$33,059.76
Construction Fund Stage 6-035	App. #7 HRG-RPR	\$30,203.67
Construction Fund Stage 6-036	App. #20 Misc. (HRG Final Design)	\$1,857.50

Construction –
Requisitions
Approved

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

Revenue Fund #69	Operation, Maintenance, and Debt Service	\$1,200,000
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Revenue Fund Requisition
No. 69
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Coe, to approve the Revenue Fund Requisition No. 69 to transfer funds from the Revenue Fund to the General Fund in the amount of \$1,200,000.00. Motion passed unanimously.

BRIF #26	Electric/Natural Gas Conduits for Plant Expansion	\$62,597.01
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BRIF
Requisition No. 26
Approved

A motion was made by Mr. Schwab, seconded by Mr. Coe, to approve the Bond Redemption & Improvement Fund Requisition No. 26 for the Electric/Natural Gas Conduits for the Plant Expansion in the amount of \$62,597.01. Motion passed unanimously.

8. Other Business
None

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:54 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, 19 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. on Wednesday, March 19, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Klapac, Lapinski, Mollo, Regan, Schmalz, and Mr. Schwab were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Steve Welch, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Scott Eters, Solicitor; Bill McNeal, State College Borough; Scott Russell, Buchart-Horn, Inc.; Ms. Laura Dininni and daughter; 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 19, 2003

The Board considered the UAJA minutes of the Regular Meeting held on February 19, 2003 and took the following action:

UAJA February 19, 2003 Meeting Minutes Approved
--

A motion was made by Mr. Regan, seconded by Mr. Lapinski; the minutes of the UAJA Regular Meeting on February 19, 2003 were approved as presented.

4. Public Comment Period

4.1 Request for Re-lease of 1331 Trout Road

Ms. Dininni informed the Board that her lease of the property located at 1331 Trout Road would end in May 2003 and that she was present to request that the Board renew her lease. Mr. Mollo thanked Ms. Dininni for her presence and informed her that this would be handled by staff and that Board action was not required. Mr. Miller stated that he would be in contact with Ms. Dininni in the near future regarding this lease.

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending February 2003 was presented to the Board for their review.

Mr. Smith reviewed with the Board the financial reports for February 2003 and indicated that there were some line items under WWTP–Compost that were showing over budget due to an error when inputting the amounts. These line items can be footnoted instead of redoing the budget numbers.

Adjustment to Budget Numbers Approved

A motion was made by Mr. Schwab, seconded by Mr. Regan; to readjust the budget numbers under WWTP-Compost that are currently showing over budget. The motion passed unanimously.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for February was 4.96 mgd with the average for the month being 4.88 mgd.

There were no inspections by DEP since my last report.

Treatment units on line are as follows: primary clarifiers #1, #2 and #3; aeration basins #1 and #2; secondary clarifiers' #1 and #2; and 6 of 8 tertiary filters.

Plant Maintenance

Dewatering Building

- Cleaned and re-attached diffusers in tank #6.
- Rebuilt and replaced level transducers in tanks #2 and #6. Also replaced printed circuit card for #2 tank level system.
- The belts were replaced on the Odor Control exhaust fan.
- All mechanical gear drives for the valves in Dewatering were removed due to a faulty gear drive for tank #6 failing to close completely. This caused a minor spill that was contained to the inside of the building.

Plant General

- Replaced the bearings and seals in pump #1 at the plant drain pump station.
- Replaced start button for #2 Hoffman blower.
- The alternator was replaced in the 89 Chevy.
- Worked with Oscar DeArmitt to remove and replaced the well pump for the plant.

- Some pipe fittings that were seeping were replaced on the heat pump in the RAS building while the contractors had the non-potable system shut down.
- The potable water system developed a major leak. It was found that three smaller leaks were to cause. 1) Failure of our water softener. 2) A joint failure between Tert. Bldg. and Control Bldg. 3) Failure of a replacement line to the Alum Bldg. the Alum Bldg was by-passed, the softener taken out of service, and a large part of underground line was by-passed. A temporary line is now installed and laying on top of the ground. This system is scheduled to be replaced during this expansion and should present no foreseeable problems.

Primary Building

- The drive chain tensioning sprockets were replaced on #3 and #4 tanks.
- Replaced a fan blade on Heater #6
- The mounting bracket for Heater #3 failed and the unit fell. It was remounted and rewired.

Compost Operations Report

- 2,436 Cubic Yards of ComposT produced through the end of February.
- 1,932 Cubic Yards of ComposT marketed through the end of February.
- There were no inspections by DEP of the Compost facility this reporting period.
- Replaced belts on #3 Bio-Fan.
- The hydraulic motor on the SSI failed and was replaced.
- The strobe light and two hydraulic hoses were replaced on the 621 loader.
- The fan blade on #2 Bio-Fan went out of balance and rendered it unusable. The decision was made to not repair it due to the fact that it is to be replaced in the expansion. Parts from it were used to repair #5 Bio-Fan.

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

5.4 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) 540 Scotia Rd.
- (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 – (4)
- (FTA) Mainline Repairs – (2) 194 & 196 Shawver Lane
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – (2) 194 & 196 Shawver Lane
- (FTA) Mainline Cleaning – (53 manholes inspected- 9452 feet cleaned) [Piney Ridge]
- (FTA) Manhole Repairs – None
- (FTA) Manhole Casting Repairs – (1)

We continued brushing activities in the Big Hollow ROW. Assisted Plant personnel with tank cleaning activities. Relocated (2nd time) equipment and materials out of our building on the hill so it can be renovated by the Contractor.

I/I Inspection (We TV'd 776 ua/0 fta feet of mainline and inspected 7 ua/0 fta MH's .)
Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd)
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. Repairs were made to the Plant lift station.

Inspection

Preliminary As-builts Approved: None

Mainline Construction

- a. Village @ PSU Phase I – As-builts have been resubmitted and are being reviewed.
- b. Western Inner Loop – Sewer replacement is approximately 60 % complete. On Hold.
- c. Sheetz – As-builts have been resubmitted and are being reviewed.
- d. Sawmill Phase 2 – Construction has begun and is approximately 98% complete.
- e. Marywood (Spring Glen Place) – Construction complete. As-builts have been submitted.
- f. Shields Motors – As-builts have been resubmitted and are being reviewed.
- g. Oakwood Apts. – Construction is complete. As-builts have been submitted.

New Connections

a.	Single-Family Residential	9
b.	Multi-Family Residential	6
c.	Commercial	0
d.	Industrial	0
	TOTAL	15

5.5 Construction Projects Report

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

Construction is progressing slowly due to winter weather constraints. Construction progress is detailed in HRG's monthly progress report attached to the engineers report. This month we have six pay applications drawn on the construction fund for board approval.

The pay applications are as follows:

Contract 02-1 General Construction-Allan A. Myers
Application #9 \$952,365.82

Contract 02-3 HVAC-G. M. McCrossin

Application #3 \$52,764.30

Contract 02-4 Bob Biter Electric
Application #9 \$57,497.70

HRG Construction Management
Application #9 \$33,862.44

HRG Construction RPR
Application #8 \$32,180.00

HRG Final Design
\$5,942.50

Since our last meeting we have worked closely with the contractor by cleaning two sludge holding tanks to facilitate the installation of new aeration headers and associated piping. The collection crew moved all of their gear out of the upper storage building into the barn at the Maylie property. This will allow the contractor to start work on the new maintenance building. We also assisted the contractor with a shut down, after hours of the non-potable water system. This was to make some piping changes at the Tertiary building and the chlorine contact tank.

5.6 Engineer's Report

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

Retainer

We have nothing to report this month.

Beneficial Reuse

Design – Transmission Line Realignment (1178.101)

We continue to work on the realignment of the transmission main. I met with Dave Smith to discuss the costs to date, as well as the cost of the ongoing work. While the design is not complete, HRG intends to complete the design without additional costs along the current alignment. It is our belief that UAJA has paid for a complete design and we intend to provide what UAJA has already paid for.

Construction Phase (1178.104)

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. We have attached the following Logs for your information.

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

current contracts payment status.

We recommend approval of the following.

Change Orders

No.	Contract	Description	Subtotal	Total
1-5	General Construction	1. Temporarily relocate alum feed and potable water line to Alum building.	\$ 15,001.97	\$ 27,383.58
		2. Extend 8" WAS line to SC Pump Station.	\$ 12,381.61	

Reasons for Change Order Items

1. The AWT Feed Pump Station was shown as un-phased work. For electrical, the building is needed to feed the aeration tank and intermediate pump station. Therefore, the AWT Feed Pump Station needs to be installed prior to the installation of the UV System (and Alum building demolition). The potable water and alum feed lines, (which are to be demolished when the UV system is installed and the Alum system is moved) need to be temporarily moved to allow for the AWT Feed Pump Station construction.
2. The new WAS line is shown to be connected to the existing WAS line approximately 60' short of the entry point of the Secondary Clarifier Pump Station. The new WAS line needs to be tied into the Pump Station.

As shown on the attached logs and schedules, the total approved change orders (CO's 1-1 through 1-4) for Contract 02-1 is \$53,306.53 (0.16% of the total contract). CO 1-5 represents 0.08% of the contract price.

Applications for Payment

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	9	\$ 952,364.82
02-3	HVAC	G.M. McCrossin, Inc.	3	\$ 52,764.30
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	7	\$ 57,497.70
				\$ 1,062,626.82

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #10 is attached which describes the construction activities that occurred during the past month for your information.

Cluster's Meter Pit Rehabilitation

We have had our coordination meeting with State College Borough, and we will be getting back to State College Borough to discuss their proposal at a later date. The meeting was very positive from the standpoint that they acknowledged the need to replace the flow meter and that the agreements require them to bare the cost of the replacement. We are currently considering the flow range that the meter needs to cover as well as some design issues, which affect cost and accuracy.

Plan Reviews

HRG Job Number	Project Name	Design/As-Built	Status	Date
1178.065	The Village At Penn State	As-Built	Approved	2/28/03
1178.084	Marywood Phase 3, Section A	As-Built	Comments to UAJA Staff	3/7/03
1178.122	Sheetz Convenience Store & Shared Entrance	As-Built	Approved	3/7/03
1178.126	Shields Motor Company	As-Built	Approved	2/28/03
1178.131	Oakwood Apartments Lot 4	As-Built	Comments to UAJA Staff	3/7/03

5.7 Executive Director's Report

Health Insurance Rate Increase

Health America, our health insurance provider, has informed us that we can expect a 22 percent rate increase effective April 1, 2003. Lisa Kline is collecting information on options to reduce the amount of the increase. Ms. Kline has contacted members of the insurance committee that was formed last year at this time when Blue Cross and Blue Shield were splitting and they will be meeting March 20, 2003 to review the insurance options.

Source Water Protection Agreement

Mr. Miller informed the Board that he had received the Source Water Protection Agreement that has been approved by the Water Authority. This agreement has been conditionally approved by UAJA and will only require it to be signed by the UAJA officers.

PL 339 Reimbursement

Mr. Miller informed the Board that State Senate and House have approved the proposed budget from the Governor which eliminated the PL 339 money. If this money is not reinstated in the budget, it will mean a revenue shortfall in UAJA's 2004 budget projection which would mean that quarterly rates will need to be increased approximately 10.3%. The Board asked Mr. Miller to notify the newspaper and/or other media to inform the public of this information. Mr. Book stated that he would check with other municipal authorities to see if they would like to add their support on this issue.

6. Old Business

6.1 EDU Assignment for Home Businesses

As instructed by the Board at the February meeting, staff has researched the in home business portion of our customer base. There are a total of 20 home businesses, as shown on the list included in your packet. Some of these businesses do a considerable amount of business, while some of them are incidental to the primary use, which is as a residence.

Since there are very few of these overall, and very few new requests, one way of handling the smaller requests is to bring each one to the Board for consideration of a special agreement under 2.1(h) of our rate resolution, which states, "Nothing herein shall be construed as prohibiting special agreements between this authority and non-residential improved properties under conditions and circumstances making special agreements advisable and necessary."

EDU Assessment
Waived

A motion was made by Mr. Lapinski, seconded by Mr. Dempsey, to permanently waive the ½ EDU tap fee assessment for the property located at 540 Scotia Road. Motion passed unanimously.

The Board decided to continue to review individual requests on a case by case basis.

7. New Business

7.1 Contract No. 2003-2 Trench Paving

A bid opening was held at 2 p.m. on February 26 for our 2003 Trench Paving Projects (Contract #2003-2). There were four bids received as follows:

Eby Paving	\$83.00/sq yd	no exceptions
HRI	\$78.00/sq yd	no exceptions
Ameron	\$60.78/sq yd	w /exceptions
Hawbaker	\$45.40/sq yd	no exceptions

It is the recommendation of Richard Lahr, Collection System Superintendent and Diane Cowan, Purchasing Agent to accept the bid from Hawbaker. Contract documents will be available for signature at the meeting.

Award of Contract
2003-2 Trench Paving
Approved

A motion was made by Mr. Lapinski, seconded by Mr. Klapac, to award Contract 2003-2 Trench Paving to Glenn O. Hawbaker, Inc. for the unit price of \$45.40 per square yard. Motion passed unanimously.

7.2 Consideration - Track Hoe Rental vs. Track Hoe Purchase

During the past two years, the Collection and Maintenance department has been renting a track hoe for line replacement projects. The usage has steadily increased, and is projected to reach approximately 10 months per year starting in 2003. Our continuous inspection of the sewer system indicates that a enough sewer line replacement work exists to make purchasing, rather than renting, a more cost effective option.

Included in the meeting packet was a list of Main Line Replacement Projects. There are more than five miles of sewer line that need replaced within the next seven years. These projects will be coordinated with street reconstruction projects, so that when a street is rebuilt, the sewer line under it will always outlast the street. The municipalities are coordinating their street reconstruction lists with us to accomplish this goal.

Renting a track hoe costs \$3,500 per month, or \$35,000 per year. Purchasing a new track hoe is estimated at \$138,000. Over the course of seven years, we would pay \$245,000 to rent a track hoe. The savings is obvious. Even assuming \$5,000 per year in maintenance costs, the net

savings is \$72,000 over the seven year period. The track hoe would also have residual value at the end of seven years. Most likely, with UAJA's equipment maintenance track record, the track hoe would be useable for ten years.

Normally, items such as this are included in the annual budget. However, now that we know how much line needs replaced and the cost of rental vs. purchase, staff feels that this is a capital item that should be considered to be added to the budget.

Amendment of the 2003
Budget for the Purchase of
the Track Hoe
Approved

A motion was made by Mr. Coe, seconded by Mr. Schwab, to amend the 2003 budget to add the track hoe purchase with money not used for track hoe rental in the capital budget and the remainder of the money from the Bond Redemption and Improvement Fund. The motion passed unanimously.

7.3 Public Records Access Policy

From time to time, a request is made for copies of various documents. These are infrequent, but sometimes they require significant staff time to prepare. Sometimes, requests are made for information which we view as private and not available to the public. The purpose of this policy is to establish uniformity in dealing with these requests, and establishing reasonable fees for UAJA to recover some of its expense. The policy was prepared by our solicitor to comply with Pennsylvania Act 100. The fee schedule will need to be visited and published annually.

Public Records Access
Policy
Approved

A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to approve the Public Records Access Policy as presented and to review the rates annually at the reorganization meeting. Motion passed unanimously.

7.4 Selection of Consultant – Heating and Cooling Using Beneficial Reuse Water RFP

Four proposals were received in response to the RFP we advertised. Cost proposals were virtually equal, mirroring the amount of our PEEC grant. Technical proposals were reviewed by the sub-committee of the board assembled by the chairman. After a detailed discussion and evaluation of several excellent proposals, the committee unanimously recommends the proposal submitted by Buchart-Horn Engineers.

Consultant Selection
Approved

A motion was made by Mr. Schwab, seconded by Mr. Lapinski, to award contract to Buchart-Horn to develop feasibility study for use of Beneficial Reuse water for heating and cooling in along the Phase I transmission line. Motion passed unanimously.

7.5 Change Order # 1-5, Beneficial Reuse Project

Change order 1-5 is explained in detail in the engineer's report. The amount of the Change Order is \$27,383.58.

Construction –
Requisitions
Approved

A motion was made by Mr. Schwab, seconded by Mr. Coe, to approve Change order 1-5 in the amount of \$27,383.58 as outlined in the Engineer’s Report. Motion passed unanimously.

7.6 Resolution – Authorizing Use of Facsimile Signature Devices (Payroll Check Account)

Resolution Authorizing
Use of Facsimile
Signature Devices
Approved

A motion was made by Mr. Dempsey, seconded by Mr. Klapac, to approve the Resolution Authorizing Use of Facsimile Signature Devices (Payroll Check Account) held by Omega Bank. Motion passed unanimously.

7.7 Requisitions

Construction Fund Stage 6-037	App. #9 Myers	\$952,364.82
Construction Fund Stage 6-038	App. #7 Biter	\$57,497.70
Construction Fund Stage 6-039	App. #3 McCrossin	\$52,764.30
Construction Fund Stage 6-040	App. #9 HRG-CM	\$33,867.47
Construction Fund Stage 6-041	App. #8 HRG-RPR	\$32,180.00
Construction Fund Stage 6-042	App. #21 Misc.(HRG Final Design)	\$5,942.50

Construction –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mr. Regan, to approve the Construction Requisitions as presented. Motion passed unanimously.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:35 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 16, 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:25 p.m. on Wednesday, April 16, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lichty, Mollo, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Steve Welch, Project Manager; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel and Jason Wert, HRG; Richard Campbell, Solicitor; Mark Whitfield, State College Borough; Ms. Laura Dininni and daughter; 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 19, 2003

The Board considered the UAJA minutes of the Regular Meeting held on March 19, 2003 and took the following action:

UAJA March 19, 2003 Meeting Minutes Approved

A motion was made by Mr. Schwab, seconded by Mr. Coe; the minutes of the UAJA Regular Meeting on March 19, 2003 were approved as presented.

4. Public Comment Period

4.1 1331 Trout Road

Ms. Dininni informed the Board that her lease of the property located at 1331 Trout Road would end in May 2003 and that she was present to request in writing the requirements she would have to meet to have her security deposit reimbursed. Mr. Miller informed Ms. Dininni that he would prepare this information and forward it to her.

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending March 2003 was presented to the Board for their review.

Mr. Smith reviewed with the Board the financial reports for March 2003 and informed the Board that the debt service payment in the amount of \$ 2,850,340.25 is due May 1, 2003. Currently the financial records for 2002 are being audited. The budget numbers under WWTP-Compost were corrected as directed at that last meeting.

The Board complimented Mr. Smith for taking over the financial records in the absence of Mrs. Rhodes.

5.2 Chairman's Report

No report.

5.3 Plant Superintendent's Report

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

Plant Operation

The treatment plant continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for March was 5.08 mgd with the average for the month being 5.92 mgd.

John Sengle of DEP conducted a routine inspection the facility on April 2, 2003; there were no infractions cited in Mr. Sengle's report.

DEP conducted a Radiation Protection Action Plan Implementation inspection on April 4, 2003; no infractions were cited during this inspection.

Treatment units on line are as follows: primary clarifiers #1, #2 and #3; aeration basins #1 and #2; secondary clarifiers' #1 and #2; and 6 of 8 tertiary filters.

Plant Maintenance

Dewatering Building

- Tanks #4 and #5 were cleaned with the aid of the Vactor truck.

Plant General

- The motor bearings, pulleys and belt were replaced in the exhaust fan on the top floor of the Tertiary Building.
- The insurance claims for the heat pumps (#2 in the Dewatering Building and #4 in the Administration Building) were processed and approved. The replacement units are on order and will be installed by the maintenance staff upon arrival.

Primary Building

- Replaced the air line regulator for Diaphragm Pump #6.
- Rebuilt the air line regulator for Diaphragm Pump #5.
- Replaced the chain tensioning sprockets in Primary Tanks#1 and #2.
- Replaced the safety trip alarm for the skimmer clutch drive for Primary Tank #2.

Reuse Building

- Air valve AV-9 was replaced on Micro-Filter #1.

Compost Operations Report

- 3,804 Cubic Yards of Compost produced through the end of March.
- 3,541 Cubic Yards of Compost marketed through the end of March.
- There were no DEP inspections of the compost facility this month.
- Replaced a hydraulic hose for the drum drive in Composter #2.
- Replaced drum drive grease lines in Composter #3.
- Replaced fan belts in Bio Fan #8.
- Replaced the back-up alarm in the 621 Case Loader.
- Replaced the fan shaft and bearings in Bio fan #5.
- Balanced #5 Bio Fan blade.

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

5.4 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) 672 Wiltshire Dr.

(UA) Mainline Cleaning – (34) manholes inspected- 6,671 feet cleaned)

(UA) Mainline Repairs – (3) 808 Oak Hall St., 1310 Pk. Hills Ave., 672 Wiltshire Dr.

(UA) Manhole Repairs – None

(UA) Manhole Casting Repairs – (48)

(FTA) Lateral Installations – None

(FTA) Lateral Repairs – None

(FTA) Mainline Cleaning – (35) manholes inspected- 6,364 feet cleaned)

(FTA) Mainline Repairs – None

(FTA) Manhole Repairs – None

(FTA) Manhole Casting Repairs – None

We continued brushing activities in the Big Hollow ROW. Assisted Plant personnel with more tank cleaning activities. Brushing out the Butternut St. job, which is soon to start.

I/I Inspection (We TV'd 6,416 ua/0 FTA feet of mainline and inspected 34 ua/0 FTA MH's.)
Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd)

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. Refurbishment of the Trout Road station is under way.

Inspection

Preliminary As-builts Approved: Village @ PSU/1A, Sheetz, Shields Motors

Mainline Construction:

- a. Village @ PSU Phase I A – As-builts have been approved and permits issued.
- b. Western Inner Loop – Sewer replacement is to resume in April.
- c. Sheetz – As-builts have been approved and permits issued.
- d. Sawmill Phase 2 – Construction is complete but must still be TV'd.
- e. Marywood (Spring Glen Place) – As-builts have been resubmitted and are being reviewed.
- f. Shields Motors – As-builts have been approved and permits issued.
- g. Oakwood Apts. – As-builts have been submitted and are being reviewed.
- h. Hillside Farms – Offsite Extension and Phase 1A Extension have started.
- i. Saybrook Phase 6 – Construction is approximately 50% complete.
- j. Valley Vista Park Phase 3 – Construction is approximately 50% complete.

New Connections:

a.	Single-Family Residential	21
b.	Multi-Family Residential	3
c.	Commercial	2
d.	Industrial	0
	TOTAL	26

5.5 Construction Projects Report

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

Construction since the last meeting has been up and down due to the weather. HRG will detail construction progress in their engineers report. Five pay applications drawn on the construction fund for board approval.

The pay applications are as follows:

Contract 02-1 General Construction-Allan A. Myers
Application #10-\$564,221.70

Contract 02-3 HVAC-G. M. McCrossin
Application #4-\$65,070.00

Contract 02-4 Electric-Bob Bieter Electric
Application #8-\$91,846.84

HRG Construction Management
Application #19-\$26,537.84

HRG Construction RPR
Application #9-\$38,277.78

We have been working with the general contractor on quality and workmanship issues, concerning concrete work. The general's sub-contractor has produced some very shoddy concrete forming and finishing work. This has occurred at the head works, the primary clarifiers, and the secondary clarifier #4. They have been directed in writing to submit a plan to address these shortcomings. Equipment and supplies continue to be delivered to the site daily.

5.6 Engineer's Report

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

Retainer

Maps were provided to Dave Smith in order to support the submission of the Chapter 94 Report.

Beneficial Reuse

Design – Transmission Line Realignment

We have collected review comments from your staff on the technical specifications and made the resulting changes as requested. Our design staff reviewed the realignment with PennDOT at a meeting on April 3rd. The work is progressing and we anticipate a final review set of construction documents to your staff before your next meeting.

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. On April 8, 2003, a Stop Work Order was issued to the General Contractor. The Order ceased work on the Secondary Clarifier, Primary Clarifier and Headworks/Grit Structures until a plan to correct defective concrete finishes is approved. The Order also stops work on any future structures.

We have attached the following Logs for your information.

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

We recommend approval of the following:

Change Orders:			
No.	Contract	Description	Total
1-6	General Construction	Delete Headworks By-Pass pumping and add by-pass pumping of CH Pump Station and Headworks.	\$ 33,611.92
3-2	HVAC	Accept Harrington FRP ductwork in lieu of specified (exceeds corrosion barrier)	(\$ 15,900.00)

Reasons for Change Order Items:

1-6 The additional by-pass pumping will leave the College Harris Pump Station as well as the Headworks Building dry to complete the required work. The by-pass pumping of the Pump Station will alleviate at least 5 shutdowns of the wetwell to allow work inside it.

3-2 This Change Order will accept FRP ductwork manufactured by Harrington, which is the same manufacturer of the fans. Harrington is offering a higher corrosion barrier (50 mils v. 20 mils).

As shown on the attached logs and schedules, the total approved change orders (CO's 1-1 through 1-5) for Contract 02-1 is \$80,690.11 (0.24% of the total contract) and the approved change order (CO 3-1) for Contract 02-3 is \$(32,181.22) {-1.10% of the total contract}. CO 1-6 represents 0.10% of the contract price and CO 3-2 represents -0.54% of the contract price.

Applications for Payment:				
Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	10	\$ 584,221.79
02-3	HVAC	G.M. McCrossin, Inc.	4	\$ 65,070.00
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	8	\$ 91,846.21
				\$ 741,138.00

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #11 is attached which describes the construction activities that occurred during the past month for your information.

Cluster's Meter Pit Rehabilitation

We have provided your staff with a list of our concerns regarding the proposed State College Borough meter pit design. Cory intends to review these concerns with the Borough staff. It may be possible to bid two alternatives as part of the construction documents to identify the true cost of both options. There remains a fundamental difference in the design capacity of the two designs and everyone may benefit from a clear understanding of the costs associated with the different sizes.

Plan Reviews

HRG Job Number	Project Name	Design/As-Built	Status	Date
1178.084	Marywood Phase 3, Section A	As-Built	Comments to UAJA Staff	3/21/03
1178.121	Stewart Subdivision	Design	Comments to UAJA Staff	3/28/03
1178.129	Gables at Foxpointe	Design	Comments to UAJA Staff	3/19/03
1178.135	Lexington Place, Phase 3	Design	Comments to UAJA Staff	3/25/03
1178.136	Stearns Crossing	Design	Comments to UAJA Staff	4/4/03

5.7 Executive Director's Report

Progress Report on PEEC Grant – Heating and Cooling with Beneficial Reuse Water

The following quarterly progress report was submitted to DEP on this project on April 9, 2003.

February 2 and February 5, 2003 - Advertised for consultant via RFP to conduct feasibility study
February 24, 2003, 3:00 PM – Proposals opened at University Area Joint Authority (UAJA) office – 4 proposals received

March 4, 2003 – University Area Joint Authority received final confirmation of executed grant agreement from DEP

March 5, 2003 – Staff and sub-committee of UAJA Board meet to rank proposals

March 19, 2003 – UAJA Board selects Buchart-Horn Engineers to conduct the feasibility study

April 10, 2003 – kickoff meeting between Buchart-Horn and UAJA.

PL339 Update

At the last meeting, the Board was informed that the Governor had not included funding for the annual PL339 sewage facilities reimbursement, which, for UAJA, is currently \$750,000 per year. This item is being watched very closely in an attempt to coordinate with our State Legislators and PMAA for timing a press release for maximum impact. A press release will be issued Tuesday, April 15.

Administrative Intern

UAJA will be hiring an intern from South Hills Business School in mid June. With our Finance Manager out indefinitely, and vacation leave during the summer, the administrative staff will need someone to fill in the gaps. The timing of this internship works well with our needs, and is a low cost, high quality solution to our staffing dilemma.

Water Reuse Symposium

May 19th and 20th the Water Reuse Symposium will be held at the Penn Stater. Any Board members interested in attending the conference please contact Cory Miller or Dave Smith to process your registration.

6. Old Business

6.1 Household Hazardous Waste Program Funding

June 6th and 7th, 2003 a household hazardous waste collection will be held at the Centre County Solid Waste Authority. This program is a cooperative venture by many public and private entities. A detailed description of the project is included in Board Members' agenda packets.

Since hazardous waste collected through this program does not end up in the sewer, this program is important to continue on a regular basis. Currently, the Solid Waste Authority is trying to have one in odd numbered years. Hopefully, people will store their hazardous wastes until the collection date. Both of the past two collections have been quite successful.

Staff is recommending funding the program at the same level as previous collections, which is \$5,000.

Household Hazardous
Waste Program Funding
Approved

A motion was made by Mr. Dempsey, seconded by Mr. Schwab, to approve the funding of the Household Hazardous Waste Program in the amount of \$5,000.00. Motion passed unanimously.

7. New Business

7.1 Final Design – Lexington Place, Phase 3

Final design drawings for the Lexington Place Phase 3 sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 10 EDU's from the single family homes. The review comments have been addressed.

Final Design –Lexington
Place, Phase 3
Approved

A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to approve the design drawings for the Lexington Place Phase 3. Motion passed unanimously.

7.2 Final Design – Stearns Crossing, Phase 1

The Final design drawings for the Stearns Crossing Phase 1 sewer extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.3 Resolution - Cost Sharing Agreement – PennDOT Benner Pike Project

When PennDOT has a project requiring utility relocation, there is typically a cost sharing between PennDOT and UAJA. The Benner Pike Improvement Project, (labeled SR0026 - Section 126) which is located along the Benner Pike from the bridge next to the Willard Battery Outlet and extending eastward to the "Y" at the Nittany Mall, will require UAJA to adjust 34 manholes. The total cost for this work is estimated to be \$36,584.00. We are proposing the usual 50% cost share for an estimated amount of \$18,292.00. A resolution is required so that PennDOT can pay us for the work we complete.

Cost Sharing Agreement
Approved

A motion was made by Mr. Lichty, seconded by Mrs. Bressler, to approve the cost Sharing Agreement with PennDOT in the amount of \$18,292.00. Motion passed unanimously.

7.4 Change Order # 1-6, Beneficial Reuse Project

Change Order 1-6 is explained in detail in the engineer’s report. The amount of the Change Order is an increase of \$33,611.92 to Contract 1.

Construction –
Requisitions
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Coe, to approve Change order 1-6 in the amount of \$33,611.92 as outlined in the Engineer’s Report. Motion passed unanimously.

7.5 Change Order # 3-2, Beneficial Reuse Project

Change Order 3-2 is explained in detail in the engineer’s report. The amount of the Change Order is a decrease of \$15,900.00 to Contract 3.

Construction –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mrs. Bressler, to approve Change order 3-2 in the amount of \$15,900.00 as outlined in the Engineer’s Report. Motion passed unanimously.

7.6 Requisitions

Construction Fund Stage 6-043	App. #10 Myers	\$584,221.79
Construction Fund Stage 6-044	App. #8 Biter	\$91,846.21
Construction Fund Stage 6-045	App. #4 McCrossin	\$65,070.00
Construction Fund Stage 6-046	App. #10 HRG-CM	\$26,537.84
Construction Fund Stage 6-047	App. #9 HRG-RPR	\$38,277.78

Construction –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mrs. Bressler, to approve the Construction Requisitions as presented. Motion passed unanimously.

Revenue Fund Stage #70	Debt Service, Operation, Maint.	\$1,000,000
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Revenue Fund –
Requisitions
Approved

A motion was made by Mr. Dempsey, seconded by Mr. Schwab, to approve the Revenue Fund Stage #70 Requisitions as presented. Motion passed unanimously.

8. Other Business

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:35 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 21, 2003

1. Call to Order

Mrs. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. on Wednesday, May 21, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lapinski, Lichty, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Steve Welch, Project Manager; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel, HRG; Scott Eppers, Solicitor; Mark Whitfield, State College Borough. There being a quorum, the meeting was declared open for business.

3. Reading of the Minutes

3.1 UAJA Regular Meeting – April 16, 2003

The Board considered the UAJA minutes of the Regular Meeting held on April 16, 2003 and took the following action:

UAJA April 16, 2003 Meeting Minutes Approved as Amended
--

A motion was made by Mr. Schwab, seconded by Mr. Coe, to approve the minutes of the UAJA Regular Meeting on April 16, 2003 with the following correction: on page 9, delete the Public Records Access Policy motion. The motion passed unanimously.

4. Public Comment Period

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending April 2003 was presented to the Board for their review.

Mr. Smith reviewed with the Board the financial reports for April 2003 and informed the Board that the debt service payment in the amount of \$ 2,850,340.25 was made the beginning of May 2003. The next debt service payment is due November 1, 2003.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for April was 5.12 mgd with the average for the month being 5.73 mgd.

There were no inspections by DEP since my last report.

Treatment units on line are as follows: primary clarifiers #1, #2 and #3; aeration basins #1 and #2; secondary clarifiers' #2 and #3; and 6 of 8 tertiary filters.

Plant Maintenance

Plant General

- The maintenance staff along with the collection staff planted 60 trees along Spring Creek. This was done through a grant that Dave Smith had applied for and received.
- The ice-maker used by the Collection staff failed. Foust Heating and Air Conditioning has ordered replacement parts and will repair it as soon as possible.
- The mowers have been serviced and mowing has begun where possible.

Primary Building

- The diaphragm and discharge check balls were replaced on #4 Diaphragm Pump.
- Bearings and seals were replaced on all Primary Trough Drives.
- Valve failure required we take #3 Primary off-line for repair. While the tank was drained 106 buckets of grit were removed.

Compost Operations Report

- 5,651 Cubic Yards of ComposT produced through the end of April.
- 5,096 Cubic Yards of ComposT marketed through the end of April.
- There were no inspections by DEP of the Compost facility this reporting period.
- Replaced the hydraulic pump on SSI mixer.
- Replaced two drum cylinder pins and pin switch on Composter #1.

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

5.4 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) 1366 Greenwood Circle
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – None
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (36) Benner Pike 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 – None
- (FTA) Manhole Casting Repairs – None

We started brushing activities in the Curtin St. back-lot ROW in preparation for our mainline replacement project. Assisted Plant personnel with tree planting project. Constructed a concrete structure @ the Piney Ridge L.S. for the Gen-Set fuel tank relocation. Poured a flow-line in the MH that had gotten plugged up in Oakwood last month.

I/I Inspections (We TV'd 3,149 ua/0 FTA feet of mainline and inspected 17 ua/0 FTA MH's.)

Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd)

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. Refurbishment of the Trout Road station is under way.

Inspection

Preliminary As-builts Approved: Marywood (Spring Glen Place)

Mainline Construction:

- a. Western Inner Loop – Sewer replacement is approximately 75% complete.
- b. Sawmill Phase 2 – Construction is complete but must still be TV'd (wet).
- c. Marywood (Spring Glen Place) – As-builts have been approved.
- d. Marywood (Gibson Place) – Construction is approximately 75% complete.
- e. Oakwood Apts. – As-builts have been submitted and are being reviewed.
- f. Hillside Farms – Offsight Extension and Phase 1A Extension have started.
- g. Saybrook Phase 6 – Construction is complete. Waiting for As-builts.
- h. Valley Vista Park Phase 3 – Construction is complete. Waiting for As-builts.

New Connections:

a.	Single-Family Residential	34
b.	Multi-Family Residential	20
c.	Commercial	4
d.	Industrial	0
	TOTAL	58

5.5 Construction Projects Report

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

Construction activity is picking up as the weather begins to get better. We are gearing up to work longer days to regain some lost days due to bad weather. HRG will detail construction

activities in their engineers report. Tonight staff has six pay applications drawn on the construction fund for board approval.

The pay applications are as follows:

Contract 02-1 General Construction-Allan A. Myers
Application #11 \$958,697.04

Contract 02-2 Plumbing Robert Johnson
Application #3 \$38,626.20

Contract 02-3 HVAC G. M. McCrossin
Application #5 \$117,739.00

Contract 02-4 Electrical Bob Biter Electric
Application #9 \$54,181.69

HRG Construction Management
Application #20 \$31,962.45

HRG Construction RPR
Application #10 \$62,508.44

Godwin Pumps Pump Parts
Application #1 \$8,915.00

We made the change over on May 10 to our new Allegheny Power feed sources. We now have two new independent power feeds to the plant. This is in addition to our existing standby generator. The two new feeds are under ground from Trout Road. One feed is from Rock Road and the other is from the Mall. It took about four hours to make the change over.

5.6 Engineer's Report

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

Retainer

Nothing to report.

Beneficial Reuse

Design – Transmission Line Realignment

The transmission alignment is being adjusted to go around a sinkhole on the Stewart property and to be located adjacent to the Corning Plant and vacant property. This will require additional survey that is scheduled to occur the week of your meeting. Subject to final permits from PennDOT and College Township, we anticipate bidding this portion of the project this summer.

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. In response to the Stop Work Order, the

Contractor submitted and has begun work on a corrective action plan.

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 Log for Contract 02-1:* The log lists all the Change Order Requests (COR) the General Contractor has submitted to date as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

We recommend approval of the following:

Change Orders:

No.	Contract	Description	Total
1-7	General Construction	1. EXTRA EXCAVATION AT MAINTENANCE BUILDING	\$ 9,430.00
		2. DRAIN & WATER PIPING AT MAINTENANCE BUILDING	\$ 10,535.77
		3. HATCHES AT AWT FEED PUMP STATION	\$ 3,989.72
		4. REVISE MANHOLES PMH8 & PMH13	\$ (2,419.60)
TOTAL			\$ 21,535.89

Reasons for Change Order Items:

1. Actual conditions had approximately 18” of gravel was inplace over the grade shown on the plans.
2. 8” drain for Vactor Truck dump pit and potable water line from yard piping to building was missing from the plans.
3. Hatches to access the wetwell were not shown on the plans.
4. Revised the sanitary sewer from the maintenance building to avoid conflicts with existing biofilter and compost building resulted in shallower manholes.

As shown on the attached logs and schedules, the total approved change orders (CO’s 1-1 through 1-6) for Contract 02-1 is \$114,302.03 (0.34% of the total contract). CO 1-7 represents 0.06% of the contract price. Please also note that Work Change Directive #1-3 was issued with an estimated deduct of \$(11,853.00) to delete a portion of a wall and a monorail/hoist. We are also working on other areas where deductive change orders/work change directives will follow.

Applications for Payment:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	11	\$ 958,697.04
02-2	Plumbing	Robert Johnson Heating & Plumbing	3	\$ 38,626.20
02-3	HVAC	G.M. McCrossin, Inc.	5	\$ 117,738.00
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	9	\$ 54,181.69
				\$ 1,169,242.93

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #12 is attached which describes the construction activities that occurred during the past month for your information.

Cluster’s Meter Pit Rehabilitation

We have received comments from State College Borough and are preparing their alternative to be bid as an option with our design.

5.7 Executive Director’s Report

PL339 Update

The PL339 sewage facilities reimbursement program is still not funded in the proposed budget. There should be something concrete by the June board meeting. If the funding is not included in the State budget, rates will have to increase a minimum of 10.3 percent, in addition to the 7.9 percent that has already been implemented.

State and Regional Water Resources Committees

Under Act 220, one statewide water resources committee and 6 regional committees are to be formed. These committees are charged with developing the regional and state water budgets. UAJA and our engineering consultant, HRG, have people on the list for consideration. In addition, the State College Borough Water Authority and Spring Benner Walker Joint Authority also have nominees. Hopefully, several people from our area will be appointed so that we have representation on the committees. Appointments are to be made by June 30, 2003.

Water Reuse Symposium

Water Reuse Symposium was held on May 19 & May 20 at the Penn Stater Conference Center. Tours were given to the conference participants of the water reuse building and operations.

COG General Forum

The COG General Forum will meet at the Ferguson Township building on May 27, 2003. Mr. Miller will be updating the forum on the progress of the Beneficial Reuse project, the impact of PL339 being removed from our budget and what effect Spring Creek’s impaired sections will have on future UAJA permitting.

Draft 2003 Audit

The management letter received from the auditors along with the draft 2003 audit were provided to the Board for their review. A work session will be scheduled with the Treasurer, Assistant Treasurer and Staff to review the audit in preparation for Board approval at the June 2003 meeting.

6. Old Business

6.1 Contract #2003-5 2003 Hydraulic Excavator

On Tuesday, April 29, 2003 at 2 pm bids were opened for the purchase of a 2003 Hydraulic Excavator. The bid results are as follows:

Groff Tractor (Case)	\$121,739.00
Foster Wineland (John Deere)	\$123,339.20
Cleveland Bros. (Caterpillar)	\$130,175.00

Foster Wineland and Groff both submitted non-responsive bids. Cleveland Bros. bid meets all the specifications.

Our recommendation is to accept the bid from Cleveland Bros. for the price of \$130,175.00. Assuming the UAJA Board approves this purchase, contract documents will need to be signed by the Chairman and Secretary.

Contract 2003-5
Hydraulic Excavator
Approved

A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to award Contract 2003-5 to Cleveland Brothers in the amount of \$130,175.00. Motion passed unanimously.

7. New Business

7.1 Refinancing 1993 Revenue Bonds

Two factors are moving together to make the refinancing of the 1993 revenue bonds look like a pretty good idea. First, the interest rates for treasury notes are nearing the 40 year low. Second, because the rate of return on the construction fund (2001 bond proceeds) is so low, the interest earnings that we anticipated being available to fund the transmission main project have not been realized. Therefore, money must be borrowed to complete the transmission main.

UAJA staff will be working quickly to identify the amount of additional money we need to borrow, as well as selecting a consultant to advise us through the process, much as we did for the 2001 bonds. Speed is important, because the rates change quickly. It is quite likely that special meetings will need to be called in the next few weeks to move this process forward.

The first item is to select a consultant to advise us. Public Financial Management was selected to advise us through the 2001 bond issue. Refinancing the 1993 bonds is outside the scope of what they were hired to do. Since it is a completely separate bond issue, I recommend that we quickly solicit proposals for financial management services, and that this meeting not be adjourned, but instead be recessed, so that we can quickly act on this time sensitive issue.

Solicitation of Proposals
for Financial Consulting
Services
Approved

A motion was made by Mr. Dempsey, seconded by Mr. Schmalz, to authorize staff to proceed with soliciting proposals for financial consulting services for the refinancing of the 1993 revenue bonds. Motion passed unanimously.

7.2 Change Order # 1-7, Beneficial Reuse Project

Change Order 1-7 is explained in detail in the engineer's report. The amount of the Change Order is an increase of \$21,535.89 to Contract 1.

Change Order 1-7
Approved

A motion was made by Mr. Schwab, seconded by Mr. Lichty, to approve Change Order 1-7 in the amount of \$21,535.89. Motion passed unanimously.

7.3 Requisitions

Construction Fund Stage 6-048	App. #11 Myers	\$958,697.04
Construction Fund Stage 6-049	App. #3 Johnson	\$38,626.20
Construction Fund Stage 6-050	App. #5 McCrossin	\$117,738.00
Construction Fund Stage 6-051	App. #9 Biter	\$54,181.69
Construction Fund Stage 6-052	App. #11 HRG-CM	\$31962.45
Construction Fund Stage 6-053	App. #10 HRG-RPR	\$62,508.44
Construction Fund Stage 6-054	App. #1 Godwin Pumps	\$8915.00

Construction –
Requisitions
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Coe, to approve the Construction Requisitions as presented. Motion passed unanimously.

8. Other Business

9. Adjournment

The meeting was recessed at 5:08 p.m. to allow for action on the proposals for financial consulting services for refinancing of the 1993 revenue bonds.

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 18, 2003

1. Call to Order

The May 21, 2003 meeting was reconvened at 4:05 p.m. and adjourned at 4:15 p.m. on June 16, 2003.

Mr. Regan called the regular scheduled meeting of the University Area Joint Authority to order at 4:15 p.m. on Wednesday, June 18, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Klapac, Lapinski, Regan, Schmalz, and Schwab were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Dick Campbell, Solicitor; Mark Whitfield, State College Borough 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 21, 2003

The Board considered the UAJA minutes of the Regular Meeting held on May 21, 2003 and took the following action:

UAJA May 21, 2003 Meeting Minutes Approved as Amended
--

A motion was made by Mr. Coe, seconded by Mr. Lapinski, to approve the minutes of the UAJA Regular Meeting on May 21, 2003 as presented. The motion passed unanimously.

4. Public Comment Period

None

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending May 2003 was presented to the Board for their review.

Mr. Smith reviewed with the Board the financial reports for May 2003. The budget is running about where it should be at approximately 42%. The debt service payment of about \$1 million

was made on May 1, 2003. Mr. Smith reviewed the interest rates for the funds invested in the PLGIT accounts.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for May was 5.08 mgd with the average for the month being 4.78 mgd.

There were no inspections by DEP since my last report.

Treatment units on line are as follows: primary clarifiers #1, #2 and #3; aeration basins #1 and #2; secondary clarifiers' #2 and #3; and 6 of 8 tertiary filters.

Plant Maintenance

Plant General

- The Plant Emergency generators over-speed module, fan belt and thermostats were replaced.
- Repaired potable water line between the Compost and Dewatering buildings.
- Replaced the diaphragm on a check valve on Micro-Filter #2.
- Replaced the couplers on AV-9 AV-3 on Micro-Filter #1.

Primary Building

- Replaced the diaphragm on pump #5.
- Replaced the seals, rings, and spacers in pump #1.

Dewatering

- Replaced belts on Tuthill Blowers #3, #5 and #6.
- Heat pump HP-2 was replaced and is back in service. This was replaced through an insurance claim.

Compost Operations Report

- 7,133 Cubic Yards of ComposT produced through the end of May.
- 5,443 Cubic Yards of ComposT marketed through the end of May.
- DEP, Water Division, inspected the Compost facility on June 3, 2003 with no deficiencies noted
- Replaced the belts on #3 Bio Fan.
- Replaced the steering tire on street sweeper.

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

5.4 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) N.Allen (7) Lee Ave. (1) Whitehall Rd.

(UA) Lateral Repairs – (1) 772 Cornwall

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

(UA) Mainline Repairs – (1) 722 Cornwall

(UA) Manhole Repairs – None

(UA) Manhole Casting Repairs – (1) Chaumont Ave.

(FTA) Lateral Installations – None

(FTA) Lateral Repairs – None

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

(FTA) Mainline Repairs – Topsoil work at Chestnut Back-lot project.

(FTA) Manhole Repairs – None

(FTA) Manhole Casting Repairs – None

The Curtin St. replacement project is approximately 20% completed. Assisted Plant personnel with tree planting project and excavated a waterline onsite for repair. Did topsoil and concrete work at lateral repair locations.

I/I INSPECTION:(We TV’d 1,192 ua/0 fta feet of mainline and inspected 9 ua/0 fta MH’s .)

Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd)

We are continuing to monitor flow meters in the service area.

LIFT STATION MAINTENANCE:

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We have started the installation of the “911” landmark address material at the stations.

INSPECTION:

Preliminary As-builts Approved: Oakwood Apartments

Mainline Construction:

- a. Western Inner Loop – Sewer replacement is approximately 90% complete.
- b. Sawmill Phase 2 – As-builts have been submitted and are under review.
- c. Marywood(Gibson Place) – Construction is complete. Waiting for As-builts.
- d. Hillside Farms – Offsight Extension is approximately 70% complete.
- e. “ “ – Phase 1A is complete and As-builts have been submitted for review.
- f. Saybrook Phase 6 – Construction is complete. Waiting for As-builts.
- g. Valley Vista Park Phase 3 – Construction is complete. Waiting for As-builts.
- h. Premier Theatre Sewer Relocation – Construction has started.

New Connections:

a.	Single-Family Residential	39
b.	Multi-Family Residential	0
c.	Commercial	1
d.	Industrial	<u>0</u>
	TOTAL	40

5.5 Construction Projects Report

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

Construction activity is picking up as the weather begins to get better. We are gearing up to work longer days to regain some lost days due to bad weather. HRG will detail construction activities in their engineers report. Tonight staff has six pay applications drawn on the construction fund for board approval.

The pay applications are as follows:

Contract 02-1 General Construction-Allan A. Myers
Application #11 \$958,697.04

Contract 02-2 Plumbing Robert Johnson
Application #3 \$38,626.20

Contract 02-3 HVAC G. M. McCrossin
Application #5 \$117,739.00

Contract 02-4 Electrical Bob Biter Electric
Application #9 \$54,181.69

HRG Construction Management
Application #20 \$31,962.45

HRG Construction RPR
Application #10 \$62,508.44

Godwin Pumps Pump Parts
Application #1 \$8,915.00

We made the change over on May 10 to our new Allegheny Power feed sources. We now have two new independent power feeds to the plant. This is in addition to our existing standby generator. The two new feeds are under ground from Trout Road. One feed is from Rock Road and the other is from the Mall. It took about four hours to make the change over.

5.6 Engineer's Report

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

Retainer

Nothing to report.

Beneficial Reuse

Design – Transmission Line Realignment

The transmission alignment is being finalized. Subject to final permits from PENNDOT and College Township, we anticipate bidding this portion of the project this summer (end of July).

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. In response to the Stop Work Order, the Contractor submitted and has begun work on a corrective action plan.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 02-3, and 02-4:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Change Order Request Log for Contract 02-1:* The log lists all the Change Order Requests (COR) the General Contractor has submitted to date as well as their status.
3. *Work Change Directive Log for Contract 02-1:* The log lists all the Work Change Directives (WCD) that was issued to the General Contractor. Please note that all WCD's will be converted into Change Orders once the cost is agreed upon.
4. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

We recommend approval of the following:

Change Orders:

No.	Contract	Description	Total
1-8	General Construction	1. 480V to 120V actuators for aeration system	\$ 7,961.77
		2. Additional control for septage receiving	\$ 6,472.22
		3. Spray cure in lieu of water cure	\$ (5,000.00)
TOTAL			\$ 9,433.99

Reasons for Change Order Items:

1. Electrical drawings indicate 120V actuators which conflict with aeration system specified actuators.
2. Septage receiving building has two wetwells requiring an additional level monitor and control.
3. Utilize curing compound instead of water cure to provide a better and more uniform cure for concrete tanks.

As shown on the attached logs and schedules, the total approved change orders (CO's 1-1 through 1-7) for Contract 02-1 is \$135,837.92 (0.41% of the total contract). CO 1-8 represents 0.03% of the contract price. Please also note that we are currently working to issue Work Change Directives involving the Dewatering and AWT Buildings that will have estimated deductions in the cost.

Applications for Payment:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	12	\$ 2,073,143.24
02-3	HVAC	G.M. McCrossin, Inc.	6	\$ 130,084.20
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	9	\$ 84,530.31
				\$ 2,287,757.75

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly

Progress Report #13 is attached which describes the construction activities that occurred during the past month for your information.

Cluster’s Meter Pit Rehabilitation

We are working on bid documents for two separate projects at the Cluster’s Meter Pit. One set of documents will reflect the existing trapezoidal flume. The other set will reflect a Montana Flume as suggested by the State College Borough. We anticipate that these two projects will be advertised for bid in late July.

Industrial Pretreatment Program Support

We have provided support to Jason Brown in an effort to renew your local limits for Industrial Pretreatment and Discharge by the June 11th EPA deadline.

Plan Reviews

HRG Job Number	Project Name	Design/As-Built	Status	Date
1178.141	Hillside Farm, Phase 1	Design	Comments to staff	6/6/03
1178.142	The Landings, Sec 3, Phase 4	Design	Comments to staff	6/11/03
1178.143	Saybrook, Phase 5	As-Built	Comments to staff	6/11/03
1178.144	Price’s Saw Mill, Phase 2	As-Built	Comments to staff	6/11/03
1178.136	Stern’s Crossing Phase 1	Design	Comments to staff	6/9/03

5.6.1 Executive Session Contract Negotiations

The meeting was adjourned to an executive session at 4:38 p.m. with the executive session being adjourned back to the regular meeting at 5:00 p.m. The following motion was made:

Word Change Directives 1.4 through 1.8 were Approved
--

A motion was made by Mr. Schwab, seconded by Mr. Coe, to approve Word Change Directives 1.4 through 1.8. Motion passed unanimously.

5.7 Executive Director’s Report PL339 Update

The PL339 sewage facilities reimbursement program is still not funded in the proposed budget. All information I have indicates it is not likely to be funded. Be prepared for an emergency rate increase at the July meeting.

Kathleen McGinty Appointment Confirmed

Kathleen McGinty has been confirmed as DEP Secretary.

State College Borough

The State College Borough Council approved the 7.9% increase in the quarterly sewer charges. The bond indenture requires that the Borough approve rate increases. The Borough has also indicated that they will be writing a letter regarding the PL339 funding.

6. Old Business

6.1 Appointment of Assistant Treasurer

Board member Bob Schmalz had asked to be replaced as Assistant Treasurer since his availability for meetings will be sporadic for the next several months but this situation has since been resolved.

6.2 Approval of 2002 Audit

The audit has been reviewed by Chairman Mollo, Treasurer Regan, and Board Member Schwab. Staff and the review committee recommend approval of the audit.

2002 Audit
Approved

A motion was made by Mr. Schwab, seconded by Mr. Lapinski, to approve the 2002 Audit. Motion passed unanimously.

6.3 Approval of Financial Manager, 1993 Bond Refinancing

At the last meeting, the board authorized staff to solicit proposals from financial management consultants to advise UAJA on refinancing the 1993 bonds, and conducting an internet auction. Two proposals were received. Concord Financial, with a price of \$23,000, and Public Financial Management, \$17,500. Staff and the review committee (Mollo, Regan, and Schwab) agree that PFM is the best proposal.

Financial Manger
Contract
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to approve the award of the financial manger contract to PFM for the 1993 Bond Refinancing in the amount of \$17,500. Motion passed unanimously.

7. New Business

7.1 Final Design – The Landings, Section 3, Phase 4

Final design drawings for the Landings Section 3 Phase 4 sewer extension (Ferguson Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.2 Final Design – Stearns Crossing, Phase 1

Final design drawings for the Stearns Crossing Phase 1 sewer extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.3 Final Design – Tradition Point (formerly The Village at Penn State) Phase 2 Section 1B

Final design drawings for the Tradition Point Phase 2 Section 1B sewer extension (Patton Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.4 Change Order # 1.8, Beneficial Reuse Project

Change Order 1.8 is explained in detail in the engineer’s report. The amount of the Change Order is a net increase of \$9433.99 to Contract 2.

Change Order 1-8
Approved

A motion was made by Mr. Coe, seconded by Mr. Schwab, to approve Change Order 1-8 in the amount of \$9,433.99. Motion passed unanimously.

7.5 Requisitions

Construction Fund Stage 6-055	App. #12 Myers	\$2,073,143.24
Construction Fund Stage 6-056	App. #6 McCrossin	\$130,084.20
Construction Fund Stage 6-057	App. #10 Biter	\$84,530.30
Construction Fund Stage 6-058	App. #1 Allegheny Power	\$312,725.00
Construction Fund Stage 6-059	App. #12 HRG-CM	\$48,209.67
Construction Fund Stage 6-060	App. #11 HRG-RPR	\$50,412.50

Construction –
Requisitions
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the Construction Requisitions as presented. Motion passed unanimously.

Revenue Fund	Requisition #71	\$850,000.00
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Revenue Fund –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mr. Lapinski, to approve the Revenue Fund Requisition #71 as presented. Motion passed unanimously.

8. Other Business
None

9. Adjournment

The meeting was recessed at 5:20 p.m. and to have the meeting adjourn on July 2, 2003 at 4:00 p.m. to allow for action on the proposals for financial consulting services for refinancing of the 1993 revenue bonds.

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 – July 16, 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. on Wednesday, July 16, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lapinski, Mollo, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Scott Ethers, Solicitor; Amy Story, State College Borough; Lou Verdelli, Public Financial Management, Inc.; 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 18, 2003

The Board considered the UAJA minutes of the Regular Meeting held on June 18, 2003 and took the following action:

UAJA
June 18, 2003 and July
2, 2003
Meeting Minutes
Approved

A motion was made by Mr. Coe, seconded by Mr. Lapinski, to approve the minutes of the UAJA Regular Meeting on June 18, 2003 and July 2, 2003 as presented. The motion passed unanimously.

4. Public Comment Period

Mr. Lou Verdelli, Public Financial Management, reviewed with the Board the proposal that was prepared regarding the refinancing of the 1993 Bond Issue and the financing of an additional \$6 million dollars

1993 Revenue Bond
Refinancing
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Schwab, to authorize the Staff to proceed with the issuance of the Sewer Revenue Bond for the purpose of refinancing the 1993 Revenue Bond as soon as all necessary paperwork is completed and as long

as a 2% savings is projected from the refinancing. The motion passed unanimously. Along with the refinancing of the 1993 Bonds, staff is recommending that UAJA issue an additional \$6 million in revenue bonds to pay for the beneficial reuse transmission main and the remainder of the project that was to be funded with interest earnings from the construction fund. The interest earnings have been significantly reduced because of extremely low interest rates. Our financial consultant agrees with the staff recommendation.

Issuance of Revenue
Bonds
Approved

A motion was made by Mr. Schwab, seconded by Mr. Lapinski, to authorizing the issuance of \$6 million dollars in revenue bonds. The motion passed unanimously.

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending June 2003 was presented to the Board for their review.

Mr. Smith reviewed with the Board the financial reports for June 2003. The budget is currently a little over 50%. The budgeted revenues are in question due to the PL339 funds.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for June was 5.05 mgd with the average for the month being 5.14 mgd.

John Sengle of DEP was in to inspect the facility on July 9, 2003 with no discrepancies being noted.

Treatment units on line are as follows: primary clarifiers #1 and #3; aeration basins #1 and #2; secondary clarifiers' #2 and #3; and 6 of 8 tertiary filters.

Plant Maintenance

Plant General

- Repaired broken potable water line between Dewatering and Compost buildings.
- Replaced thermostats and gaskets in the Plant Emergency Generator.
- Replaced the basement door on the Maylie rental house.
- Replaced HP-3 in the Admin Bldg. It was replaced with the unit purchased to replace HP-4. The unit will be repaired and reinstalled as HP-4.

- Replaced coil, distributor cap and fuel pump in the 99 Chevy.

Primary Building

- Line circuit breakers were replaced and both pumps rebuilt at the Plant Drain Station. Pumps were borrowed from Collections to keep the station running. Thanks to the Collections staff this was done in a timely manner.

Dewatering

- Installed three new Tuthill Blowers. These are capitol items that were scheduled for replacement. These blowers have been running 24-7 for the last 10 to 12 years.

Compost Operations Report

- 8,528 Cubic Yards of Compost produced through the end of June.
- 6,186 Cubic Yards of Compost marketed through the end of June.
- Replaced the belts on #6 Bio Fan.
- Replaced the temperature sending unit in the Case skid steer.
- Replaced bearings in two aisle fans.

Mr. Brant reported to the Board that July 25, 2003 would be the last day of production for the compost facility due to the expansion project. The three employees that work in this facility will be trained in other plant operations during the project.

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

5.4 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 – (6) Waddle Road
- (UA) Mainline Cleaning – (17 manholes inspected- 2540 feet cleaned)
- (UA) Mainline Repairs – (6) Waddle Road
- (UA) Manhole Repairs – (1) Fifth Ave.
- (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 – (1)

The Curtin St. replacement project is approximately 35% completed. Did topsoil work at the Graysdale lateral installation, Chestnut backlot, and Toftrees spill. All staff has completed the ClassA CDL test.

I/I Inspection (We TV'd 438 ua/0 fta feet of mainline and inspected 3 ua/0 fta MH's.)
Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd)

We are continuing to monitor flow meters in the service area.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We have completed the installation of the “911” landmark address material at the stations.

Inspection

Preliminary As-builts Approved: None

Mainline Construction:

- a. Western Inner Loop – Sewer replacement is approximately 90% complete.
- b. Sawmill Phase 2 – As-builts have been submitted and are under review.
- c. Marywood (Gibson Place) – As-builts received but adjustments will require revisions.
- d. Hillside Farms – Offsight Extension is approximately 70% complete.
- e. Hillside Farms – Phase 1A extension is complete and As-builts are under review.
- f. Saybrook Phase 6 – As-builts have been submitted and are under review.
- g. Valley Vista Park Phase 3 – Construction is complete. Waiting for As-builts.
- h. Premier Theatre Sewer Relocation – Construction has started.

New Connections:

a.	Single-Family Residential	37
b.	Multi-Family Residential	5
c.	Commercial	3
d.	Industrial	<u>0</u>
	TOTAL	45

5.5 Construction Projects Report

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

Construction activity continues at a fast pace. The engineer’s monthly progress report details this activity since our last meeting. Staff has been working with the contractors to facilitate staging this progress. July and August will be very busy months due to the number of tasks that need to be completed before the students return to town and classes begin. Six pay applications for a total of \$1,432,873.64 were presented for the Boards review/approval.

The pay applications are as follows:

Contract 02-1 General Construction Allan A. Myers
Application #13 \$1,118,859.78

Contract 02-2 Plumbing & Heating Robert Johnson plumbing
Application #4 \$7,303.50

Contract 02-3 HVAC G. M. McCrossin
Application #7 \$94,767.30

Contract 02-4 Electric Bob Biter Electric
Application #11 \$116,333.41

HRG Construction Management
Application #22 \$32,545.06

HRG Construction RPR
Application #12 \$62,064.59

We expect to have a very busy construction season and hope to accomplish a great deal. We are just one year into the contract and we are on schedule at this point in time. At this pace we should finish this project on time.

Mr. Welch reported to the Board that as previously reported the last day of production for the compost facility will be July 25, 2003. Beginning on July 28, 2003 the solids will be hauled to the landfill. It will take approximately 21 days to clear out the compost that we currently have and beginning on the 22nd day the contractor will begin tearing the building down.

5.6 Engineer's Report

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

Retainer

Nothing to report.

Beneficial Reuse

Design – Transmission Line Realignment

The transmission alignment is being finalized. Subject to final permits from PENNDOT and College Township, we anticipate bidding this portion of the project this summer (end of July).

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. In response to the Stop Work Order, the Contractor submitted and has begun work on a corrective action plan.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 02-3, and 02-4:* The logs track the Application for Payments to date as well as Change Orders approved.
2. *Change Order Request Log for Contract 02-1:* The log lists all the Change Order Requests (COR) the General Contractor has submitted to date as well as their status.
3. *Work Change Directive Log for Contract 02-1:* The log lists all the Work Change Directives (WCD) that was issued to the General Contractor. Please note that all WCD's will be converted into Change Orders once the cost is agreed upon.
4. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

We recommend approval of the following:

Change Orders:

No.	Contract	Description	Subtotal	Total
1-9	General Construction	1. Flush mount gates at College Harris Pump Station	\$ 4,161.33	\$ 30,688.15
		2. Additional footing support at Compost Building	\$ 8,706.82	
		3. Change Drain Station force main to epoxy lined DIP	\$ 17,820.00	
1-10	General Construction	Change Biofilter header from CIP concrete to FRP	(\$ 40,000.00)	(\$40,000.00)
			TOTAL	(\$ 9,311.85)

Reasons for Change Order Items:

No. 1-9

1. Drawings show Contractor to install new gates in existing guides. The existing guides are heavily corroded. This item is to install new frames for the new gates.
2. The new compost building utilizes the existing foundation. Due to the calculated loading, four foundations need to be beefed up to resist the increased horizontal loading.
3. Drawings show double cement lined DIP for the force main. The force main will handle the chemical wastes from the AWT building. The epoxy coating will protect the pipe from corrosion.

No. 1-10

1. The Contractor is proposing to install an 84” diameter FRP (rated for HS-20 loading) header that will have all the same functions as the concrete header. Some grading and pier locations will need to be modified, but the proposal will essentially upgrade the system you currently use.

As shown on the attached logs and schedules, the total approved change orders (CO’s 1-1 through 1-8) for Contract 02-1 is \$145,271.91 (0.44% of the total contract). CO 1-9 and 1-9 represent -0.03% of the contract price. Please also note that there are several Work Change Directives involving the Dewatering and AWT Buildings that will have estimated deductions in the cost and will be a deductive Change Order in the future.

Mr. Weikel reported that Change Order 1-10 is not ready for approval.

Applications for Payment:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	12	\$ 2,073,143.24
02-3	HVAC	G.M. McCrossin, Inc.	6	\$ 130,084.20
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	9	\$ 84,530.31
				\$ 2,287,757.75

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #13 is attached which describes the construction activities that occurred during the past month for your information.

Cluster’s Meter Pit Rehabilitation

We are working on bid documents for two separate projects at the Cluster’s Meter Pit. One set of documents will reflect the existing trapezoidal flume. The other set will reflect a Montana

Flume as suggested by the State College Borough. We anticipate that these two projects will be advertised for bid in late July.

Industrial Pretreatment Program Support

The IPP submission is in to the EPA, and we have not received any response as of the date of this report.

Plan Reviews

HRG Job Number	Project Name	Design/As-Built	Status	Date
1178.136	Stern's Crossing Phase 1	Design	Comments to staff	6/9/03
1178.137	Village of Penn State	Design	Comments to staff	7/3/03
1178.138	Teaberry Ridge Phase 3	Design	Comments to staff	7/3/03
1178.141	Hillside Farm, Phase 1	As-Built	Comments to staff	7/2/03
1178.142	The Landings, Sec 3, Phase 4	Design	Comments to staff	6/11/03
1178.143	Saybrook, Phase 5	As-Built	Comments to staff	7/2/03
1178.144	Price's Saw Mill, Phase 2	As-Built	Accepted	7/3/03
1178.145	Mary Elizabeth Street	Design	Comments to staff	7/3/03
1178.146	Golden Oaks Estates	Design	Comments to staff	7/9/03
1178.147	Alpha Ambulance	Design	Comments to staff	7/3/03

5.7 Executive Director's Report

PL339 Update

As of this report, there is no change in the status of PL339. I will provide an update at the meeting. If the State budget is passed with no PL339 funding, I will present a proposal for an emergency rate increase. Mr. Miller updated the Board that it appears that the State budget will pass with the 2002 PL339 funding in place.

Tree Planting

An article was published in the current issue of Springs & Sinks regarding the tree planting that was done on the Penn State property through the grant funds. Part of the article was written by Dave Smith.

6. Old Business

6.1 Confirmation of Resolution for Issuance of Revenue Bonds

On July 2, 2003, the UAJA Board reconvened the June meeting via electronic voting. A resolution was adopted authorizing Public Financial Management and Mette, Evans, and Woodside, to prepare all necessary documents required for refinancing the 1993 revenue bonds and issuing additional bonds for capital projects. Confirmation of each electronic vote is included in your packet. As required by the by-laws of the authority, this action formally ratifies the electronic action.

Confirmation of the
Resolution adopted
July 2, 2003
Approved

A motion was made by Mr. Schmalz, seconded by Mrs. Bressler, to confirm the yes vote that was electronically received regarding the authorization of Public Financial Management and Mette, Evans and Woodside to prepare all necessary documents required for the refinancing of the 1993 Revenue Bonds. The motion passed unanimously.

6.2 Resolution setting amount for 2003 Revenue Bonds

(See discussion under Public Comment Period)

6.3 Landowner agreement for access to trees

As part of the Growing Greener grant used for riparian tree planting along Spring Creek, DEP requires a “Landowner Agreement” be executed. The agreement negotiated with Penn State was presented for the Board’s review/approval.

Landowner Agreement
Approved

A motion was made by Mr. Schmalz, seconded by Mrs. Bressler, to approve the Landowner Agreement as presented. The motion passed unanimously.

7. New Business

7.1 Final Design – The Landings, Section 3, Phase 4

Final design drawings for the Landings Section 3 Phase 4 sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 38 EDU’s from the single family homes. The review comments have been addressed.

Final Design – The
Landings, Section 3,
Phase 4
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the Final Design drawings for the Landings Section 3, Phase 4. The motion passed unanimously.

7.2 Final Design – Stearns Crossing, Phase 1

Final design drawings for the Stearns Crossing Phase 1 sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 46 EDU’s from single family homes. The review comments have been addressed.

Final Design – Stearns
Crossing, Phase 1
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the Final Design drawings for the Stearns Crossing, Phase 4. The motion passed unanimously.

7.3 Final Design – Tradition Point (formerly The Village at Penn State) Phase 2 Section 1B

Final design drawings for the Tradition Point Phase 2 Section 1B sewer extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The

proposed sewer will serve 28 EDU's from single family homes. The review comments have been addressed.

Final Design – Tradition
Point Phase 2, Section
1B
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the Final Design drawings for the Tradition Point Phase 2, Section 1B. The motion passed unanimously.

7.4 Final Design – Mary Elizabeth Street Extension

Final design drawings for the Mary Elizabeth Street sewer extension (Harris Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 1 EDU from a single family home. The review comments have been addressed.

Final Design – Mary
Elizabeth Street
Extension
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to approve the Final Design drawings for the Mary Elizabeth Street Extension. The motion passed unanimously.

7.5 Final Design – Teaberry Ridge Phase 3B

Final design drawings for the Teaberry Ridge Phase 3B sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 4 EDU's from single family homes. The review comments have been addressed.

Final Design – Teaberry
Ridge Phase 3B
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the Final Design drawings for the Teaberry Ridge Phase 3B. The motion passed unanimously.

7.4 Final Design – Alpha Ambulance Service

Final design drawings for the Alpha Ambulance Service sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 3 EDU's from the new Alpha Ambulance building. The review comments have been addressed.

Final Design – Alpha
Ambulance Service
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the Final Design drawings for the Alpha Ambulance Service. The motion passed unanimously.

7.5 Final Design – Golden Orchard Estates

Final design drawings for the Golden Orchard Estates sewer extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 60 EDU's from 30 duplexes. The review comments have been addressed.

Final Design – The
Golden Orchard Estates
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to approve the Final Design drawings for the Golden Orchard Estates. The motion passed unanimously.

7.6 Change Order # 1-9, Beneficial Reuse Project

Change Order 1-9 is explained in detail in the engineer's report. The amount of the Change Order is a net increase of \$30,688.15 to Contract 1.

Change Order 1-9
Approved

A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to approve Change Order 1-9 in the amount of \$30,688.15. The motion passed unanimously.

7.9 Requisitions

Construction Fund Stage 6-061	App. #13 Myers	\$1,118,859.78
Construction Fund Stage 6-062	App. #4 Johnson	\$7303.50
Construction Fund Stage 6-063	App. #7 McCrossin	\$94,767.30
Construction Fund Stage 6-064	App. #11 Biter	\$116,333.41
Construction Fund Stage 6-065	App. #13 HRG-CM	\$32,545.06
Construction Fund Stage 6-066	App. #12 HRG-RPR	\$62,064.59

Construction –
Requisitions
Approved

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

8. Other Business None

9. Adjournment

The meeting was recessed at 6:05 p.m. to allow for action on the proposals for financial consulting services for refinancing of the 1993 revenue bonds.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

BRIAN A. DEMPSEY
Secretary

MINUTES

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

Continuation Meeting – June 18, 2003

1. Call to Order

The June 18, 2003 meeting was reconvened electronically on July 2, 2003

The following resolution was forwarded to the Board members via electronic mail:

The Board Members of the University Area Joint Authority do hereby authorize the Administration (Staff) to work with Public Financial Management, as Financial Advisor and with Mette, Evans and Woodside, as Bond Council in conjunction with the issuance of Sewer Revenue Bonds, Series of 2003 for the purpose of refinancing the Sewer Revenue Bonds, Series of 1993 and providing funds for capital projects.

The resolution passed with a 9-0 vote.

Adjournment

The meeting was adjourned on July 2, 2003 at 4:00 p.m.

MINUTES

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

Continuation Meeting of July 16, 2003

1. Call to Order

Mr. Mollo reconvened the July 16, 2003 meeting of the University Area Joint Authority at 4:00 p.m. on Wednesday, August 6, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Lapinski, Mollo, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Scott Etters, Solicitor; Amy Story, State College Borough; Lou Verdelli and Scott Bossing, Public Financial Management, Inc.; Robert Moore, Bond Council; and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3.

Mr. Verdelli updated the Board as to what has happened with the interest rates since the last meeting, July 16, 2003 until today. It has been determined by Staff to just move forward with the borrowing of \$6 million into the construction fund. Mr. Verdelli reviewed with the Board a preliminary statement regarding the \$6 million bond sale including the bid results and debt service schedules.

Resolution for the
\$6 Million Bond Issue
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to approve the resolution to borrow \$6 million. The motion passed unanimously.

4. Adjournment

There being no further business to come before the Board, the meeting adjourned at 4:20 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 – August 20, 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:12 p.m. on Wednesday, August 20, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Mollo, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Steve Welch, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book, Doug Weikel and Jason Wert, HRG; Dick Campbell, Solicitor; Mark Whitfield, State College Borough; 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 16, 2003 and continuation meeting held August 6, 2003

The Board considered the UAJA minutes of the Regular Meeting held on July 16, 2003 and took the following action:

UAJA July 16, 2003 and August 6, 2003 Meeting Minutes Approved
--

A motion was made by Mr. Schwab, seconded by Mrs. Bressler, to approve the minutes of the UAJA Regular Meeting on July 16, 2003 and August 6, 2003 as presented. The motion passed unanimously.

4. Public Comment Period

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending July 2003 was presented to the Board for their review.

Mr. Smith reviewed with the Board the financial reports for July 2003. Mr. Smith informed the Board that the Debt Service payment is due September 20, 2003.

Resolution for Revenue
Bonds
Approved

A motion was made by Mr. Coe, seconded by Mr. Schwab, to approve the Resolution for the Revenue Bonds. The motion passed unanimously.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for July was 5.07 mgd with the average for the month being 4.73 mgd.

John Sengle of DEP was in to inspect a spill area that was reported on July 24, 2003. The test plug on the mixed liquor line developed a leak causing ~ 15,000 gallons to spill around the new aeration tank.

Treatment units on line are as follows: primary clarifiers #1, and #3; aeration basins #1 and #2; secondary clarifiers' #2 and #3; and 6 of 8 tertiary filters.

Plant Maintenance

Plant General

- Began making signs for 9-1-1 building identification.
- Completed pump repairs for the plant pump station and returned pumps that were borrowed from Collections.
- Replaced motor and blower pulleys on the dehumidifier in Tert. Bldg.
- Replaced air valve AV-3 on Micro-Filter #2.
- Cleaned the grit chamber and serviced primary tank #2.
- Replace reversing contactor on #1 filter.

Primary Building

- Replaced the diaphragm in the air supply line on #5 diaphragm pump.

Dewatering

- Replaced a 21 pillow block bearing on BFP #1.
- Replaced scrapers on both the stacking and short conveyors.
- Mounted new fall protection brackets outside of the Dewatering Building.
- Tuthill blowers #4,#5 and #6 had the controls units shorted due to construction. Control units were replaced with spares around the plant and the old ones repaired at contractor's expense.

Compost Operations Report

- 9,788 Cubic Yards of Compost produced through July 28, 2003.
- 7,349 Cubic Yards of Compost marketed through July 28, 2003.
- Operations at the Compost Facility ceased on July 28, 2003.

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

5.4 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) 766 Cornwall, 436 Park Lane

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

(UA) Mainline Repairs – None

(UA) Manhole Repairs – None

(UA) Manhole Casting Repairs – (6)

(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

The Curtin St. replacement project is approximately 75% completed. Built roof over Piney Ridge L.S. fuel tank structure. Repaired Trout Rd. barn because of car accident damage. Did topsoil work at the Chestnut back-lot project. Flushed lines at Greenwood Furnace State Park.

I/I Inspection (We TV'd 1189 ua/0 fta feet of mainline and inspected 8 ua/0 fta MH's .)

Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd)

We are continuing to monitor flow meters in the service area. Majority of time spent on construction crew.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We replaced one of the pumps at the Ferguson station with the spare and have it out for warranty repair. We installed a new gate at the Whitehall Rd. station. Repaired comminutor at Trout Rd. Began cross-training.

Inspection

Preliminary As-builts Approved: None

Mainline Construction:

- a. Western Inner Loop – Sewer replacement is 90% complete and is on hold again.
- b. Marywood(Gibson Place) – As-builts received but adjustments will require revisions.

- c. Hillside Farms – Offsight Extension is approximately 70% complete.
- d. “ “ – Phase 1A extension is complete and As-builts are under review.
- e. Valley Vista Park Phase 3 – Construction is complete. Waiting for As-builts.
- f. Premier Theatre Sewer Relocation – Construction has started.
- g. Foxpointe Phase 4 – Construction is approximately 65% complete.
- h. Somerset Phase 2 – Construction is complete. Waiting for As-builts.

New Connections:

a.	Single-Family Residential	34
b.	Multi-Family Residential	7
c.	Commercial	3
d.	Industrial	0
	TOTAL	44

5.5 Construction Projects Report

The Construction Projects Report will be addressed under the Engineer’s Report.

5.6 Engineer’s Report

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

Retainer

We have been in contact with PFM regarding their need for HRG to revise attachments in support of the additional borrowing.

Beneficial Reuse

Design – Transmission Line Realignment

We provided your staff with a review copy of the Contract Documents, and we have received their edits. Necessary right-of-way exhibits are being prepared in support of this project. We have Highway Occupancy Permit meetings and filings scheduled with PennDOT and College Township. In summary, the project is at a point where the Authority can authorize the advertisement of Contract 03-3.

Construction Phase

1. We continue to perform Construction Administrative functions for the project including responding to RFI’s and processing submittals.
2. We have attached the following Logs for your information.
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.
3. *Change Order Request Log for Contract 02-1:* The log lists all the Change Order Requests (COR) the General Contractor has submitted to date as well as their status.
4. *Work Change Directive Log for Contract 02-1:* The log lists all the Work Change Directives (WCD) that were issued to the General Contractor. Please note that all

WCD's will be converted into Change Orders once the cost is agreed upon.

Contract Drawdown Schedule: The schedule is a comprehensive view of the all current contracts payment status.

We recommend approval of the following:

Change Orders:

No.	Contract	Description	Subtotal	Total
1-10	General Construction	Change Biofilter header from CIP concrete to FRP	(\$40,000.00)	(\$40,000.00)
			TOTAL	(\$40,000.00)

Reasons for Change Order Items:

No. 1-10

1. The Contractor is proposing to install an 84" diameter FRP (rated for HS-20 loading) header that will have all the same functions as the concrete header. Some grading and pier locations will need to be modified, but the proposal will essentially upgrade the system you currently use.

As shown on the attached logs and schedules, the total approved change orders (CO's 1-1 through 1-9) for Contract 02-1 is \$175,960.06 (0.53% of the total contract). CO 1-10 represents -0.12% of the contract price. Please also note that there are several Work Change Directives involving the Dewatering and AWT Buildings that will have estimated deductions in the cost and will be a deductive Change Order in the future.

Applications for Payment:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	14	\$ 1,606,884.51
02-2	Plumbing	Robert Johnson Heating & Plumbing, Inc.	5	\$ 9,589.50
02-3	HVAC	G.M. McCrossin, Inc.	8	\$ 159,510.60
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	11	\$ 192,304.93
				\$ 1,968,289.54

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #15 is attached which describes the construction activities that occurred during the past month for your information.

Cluster's Meter Pit Rehabilitation

We provided your staff with Contract Documents for their review and have received their comments. We are coordinating with State College Borough for a similar review. Your solicitor has exhibits for the necessary right-of-ways. We are ready to bid Contract 2003-8: Cluster's Meter Pit – Trapezoidal Flume, General Construction, Contract 2003-9: Cluster's Meter Pit – Trapezoidal Flume, Electrical Construction, Contract 2003-10: Cluster's Meter Pit – Montana Flume, General Construction, and Contracts 2003-11: Cluster's Meter Pit – Montana Flume, Electrical Construction.

Industrial Pretreatment Program Support

The EPA has responded with some comments and we are working with Jason Brown to resolve outstanding issues.

5.7 Plan Reviews

Project Name	Design/As-Built	Status	Date
Stern's Crossing Phase 1	Design	Comments to staff	7/21/03
Village of Penn State	Design	Comments to staff	8/13/03
Teaberry Ridge Phase 3	Design	Comments to staff	8/13/03
Centre Hills, Chestnut Avenue	Design	Comments to staff	8/13/03
Hillside Farm, Phase 1	As-Built	Comments to staff	7/21/03
The Landings, Sec 3, Phase 4	Design	Comments to staff	7/21/03
Saybrook, Phase 5	As-Built	Comments to staff	7/21/03
Price's Saw Mill, Phase 2	As-Built	Comments to staff	7/21/03
Mary Elizabeth Street	Design	Comments to staff	7/21/03
Golden Oaks Estates	Design	Comments to staff	8/13/03
Alpha Ambulance	Design	Comments to staff	8/13/03
Gibson Place	As-Built	Comments to staff	8/13/03
Independence Place, Phase 2	Design	Comments to staff	8/15/03
Fourplex at Haymarket	Design	Under Review	
Boalsburg Investment Group	Design	Under Review	
Aaron Plaza	Design	Under Review	

Executive Session

A motion was made by Mrs. Bressler, seconded by Mr. Coe, to adjourn the meeting into an Executive Session at 4:22 p.m.. The motion passed unanimously.

A motion was made by Mrs. Schwab, seconded by Mr. Coe, to reconvene the meeting from the Executive Session at 5:32 p.m.. The motion passed unanimously.

5.8 Executive Director's Report

Centre Region Growth Forecast

At the September 22nd meeting of the Council of Governments, the Centre Region Planning Agency will present the growth forecast report. This report is a result of a project that was initiated by UAJA three years ago. It provides parcel by parcel growth forecasting for the next 30 years, and has been converted to GIS format so that anyone doing planning work can use the same numbers. Board members are invited to attend the meeting. The meeting is at the Halfmoon Township Municipal building, and will start at 7:30 PM.

A meeting will be held on August 21, 2003 to discuss with Centre Region Planning solutions to Halfmoon Township problems with contaminated wells and sewer service to the area.

6. Old Business

6.1 Authorize Staff to Bid Phase I Transmission Line Project

Plans and specifications have been developed for the Phase I Beneficial Reuse Transmission Line that goes into the Dale Summit Industrial Area. The Plans and Specifications are available at the meeting to review.

Staff Authorized to Bid
Phase I Transmission
Line Project
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Dempsey, to authorize Staff to bid the Phase I Transmission Line Project. The motion passed unanimously.

6.2 Authorize Staff to Bid the Cluster's Meter Upgrade Project

Plans and specifications have been developed for the Cluster's Meter Upgrade Project. Staff has worked with State College Borough staff to develop two alternatives. Plans and specifications for both alternatives are available at the meeting to review.

Staff Authorized to Bid
Phase I Transmission
Line Project
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Dempsey, to authorize Staff to bid the Phase I Transmission Line Project. The motion passed unanimously.

7. New Business

7.1 WET Testing Bid

On Wednesday, July 30, 2003 at 2 pm bids were opened for the purchase of Whole Effluent Toxicity (WET) Testing services covering the time period of September 1, 2003 through March 31, 2004. The bids that were submitted are as follows:

Bio Aquatics, Texas	\$5,660.00
Aquatech Environmental, Virginia	\$6,000.00
Free-Col Laboratory, Pennsylvania	\$5,600.00

Free-Col Laboratory submitted the low bid of \$5,600.00. We have not done business with this lab in the past, but references have been checked and we do not anticipate any problems.

WET Testing Bid
Approved

A motion was made by Mr. Dempsey, seconded by Mrs. Bressler, to award WET Testing Contract to Free-Col Laboratory. The motion passed unanimously.

7.2 Final Design – Centre Hills Village – Chestnut Avenue Extension

Final design drawings for the Centre Hills Village – Chestnut Avenue Extension sewer extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.3 Change Order # 1-10, Beneficial Reuse Project

Change Order 1-10 is explained in detail in the engineer’s report. The amount of the Change Order is a net decrease of \$40,000.00 to Contract 1.

Change Order # 1-10
Approved

A motion was made by Mr. Dempsey, seconded by Mr. Schmalz, to approve Change Order # 1-10, Beneficial Reuse Project. The motion passed unanimously.

7.9 Requisitions

Construction Fund Stage 6-067	App. #14 Myers	\$1,606,884.51
Construction Fund Stage 6-068	App. #5 Johnson	\$9,589.50
Construction Fund Stage 6-069	App. #8 McCrossin	\$159,510.60
Construction Fund Stage 6-070	App. #12 Biter	\$192,304.93
Construction Fund Stage 6-071	App. #14 HRG-CM	\$27,918.23
Construction Fund Stage 6-072	App. #13 HRG-RPR	\$52,782.78

Construction –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mr. Schmalz, to approve the Construction Requisitions as presented. Motion passed unanimously.

Bond Redemption and Improvement Fund Requisition #28 \$483,500.00

Bond Redemption and
Improvement Fund
Requisition #28
Approved

A motion was made by Mr. Schmalz, seconded by Mrs. Bressler, to approve the Bond Redemption and Improvement Requisitions # 28 as presented. Motion passed unanimously.

Revenue Fund

Requisition #72

\$1,500,000.00

Revenue Fund –
Requisitions #72
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Coe, to approve the Revenue Fund Requisition # 72 as presented. Motion passed unanimously.

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 A. DEMPSEY
Secretary

MINUTES

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

Regular Meeting – September 17, 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:05 p.m. on Wednesday, September 17, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Klapac, Lapinski, Lichty, Mollo, Regan, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Steve Welch, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Dick Campbell, Solicitor; Amy Story, State College Borough; Dan Abruzzo, CBICC; Tom Songer, Heritage I; Jeff Sturnioli, Clearwater Conservancy; 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 20, 2003

The Board considered the UAJA minutes of the Regular Meeting held on August 20, 2003:

UAJA
August 20, 2003
Meeting Minutes
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the minutes of the UAJA Regular Meeting on August 20, 2003 as presented. The motion passed unanimously.

4. Public Comment Period

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending August 2003 was presented to the Board for their review.

Mr. Smith reviewed with the Board the financial reports for August 2003. Mr. Smith informed the Board that the Debt Service payment is due September 20, 2003 and that the funds have been transferred for this payment. The budgeted expenses are on track for the year with the revenues low due to not receiving the PL 339 funds.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for August was 5.07 mgd with the average for the month being 5.44 mgd.

There were no inspections of our facility by DEP this month.

Treatment units on line are as follows: primary clarifiers #1, #2, and #3; aeration basins #1 and #2; secondary clarifiers' #2 and #3; and 6 of 8 tertiary filters.

Plant Maintenance

Plant General

- Replaced starter and tail pipe on the Nissan pick-up. This truck is to be dropped from insurance and will be for plant use only.
- Drained and cleaned channel one of the chlorine contact tank. This was done in conjunction of the tank being readied for the U/V system.
- Cleaned both Micro-Filters and replaced air actuator drive couplers AV-3 and AV-9.
- Oscar DeArmitt Well Drilling replaced the well pump and controls on the Maylie property. The door locks were also changed on the old farm house.

Primary Building

- Removed grit from all primary tanks accumulated during the last huge rainfall.
- Cleaned scum pits at both the Primary and RAS buildings.
- Replaced scum drive arm on Primary tank #3 and repaired skid plate in #1 tank.

Dewatering

- Breon's Inc replaced a bad circuit card in the concentrator unloading pump.
- Replaced transducers in tanks #2 and #3.
- Cleaned rags and grit from #4 tank. Also cleaned diffusers in #4 tank.

Compost Operations Report

- 10,763 Cubic Yards of ComposT produced through August, 2003.
- 9,560 Cubic Yards of ComposT marketed through August, 2003.
- As a reminder, the operations at the Compost Facility ceased on July 28, 2003.

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

5.4 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) 1927 Norwood Ln.

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

(UA) Mainline Repairs – None

(UA) Manhole Repairs – None

(UA) Manhole Casting Repairs – (6)

(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

The Curtin St. replacement project has been completed. Built roof over Piney Ridge L.S. fuel tank structure. Installed new siding and doors on the Piney Ridge L.S. building. Cleaned wet well at Trout Rd. after the shut-down occurred. Stocked up on straw for the coming season.

I/I Inspection (We TV'd 670 ua/0 fta feet of mainline and inspected 5 ua/0 fta MH's .)

Tested/Grouted – (0/0) Estimated I/I-flow decreased – (00gpd)

We are continuing to monitor flow meters in the service area. Majority of time spent on construction crew. Mr. Lahr reviewed with the Board his memo regarding the investigation into the I/I from the Pine Grove Mills area.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. Helped shut down the Trout Rd. station for renovations.

Inspection

Preliminary As-builts Approved: Marywood (Gibson Place), Hillside Farms Ph-1A extension.

Mainline Construction:

- a. Western Inner Loop – Sewer replacement is 90% complete and is on hold again.
- b. Hillside Farms – Offsight Extension is approximately 80% complete.
- c. Valley Vista Park Phase 3 – Construction is complete. Waiting for As-builts.
- d. Premier Theatre Sewer Relocation – Construction is approximately 98% completed.
- e. Foxpointe Phase 4 – Construction is complete and ready for TV inspection.
- f. Somerset Phase 2 – Construction is complete, TV'd and waiting for As-builts.
- g. Marywood(Hunterwood Way North) – Construction has begun.

New Connections:		
a.	Single-Family Residential	22
b.	Multi-Family Residential	0
c.	Commercial	0
d.	Industrial	<u>0</u>
	TOTAL	22

5.5 Construction Projects Report

The Construction Projects Report will be addressed under the Engineer's Report.

5.6 Engineer's Report

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

Retainer

An "Official Statement" has been reviewed with Cory Miller and forwarded to PFM.

Beneficial Reuse

Design – Transmission Line Realignment

The design is complete. A coordination meeting is scheduled for September 11, 2003 to gain the highway occupancy permit (HOP) for their roads. The PennDOT HOP was submitted and has been returned for some minor drafting corrections. I anticipate having the permit in hand by the end of this month. The contract documents have been advertised for bids with a scheduled bid opening of October 24, 2003. If the bids are in order, we will present them at your November meeting for authorization.

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. Construction has progressed to where start-up of several units (College-Harris Pump Station, Dewatering Compressor, etc.) has begun. The dewatering building process should move through start-up phase in the next month. Aeration Tank #1 should also begin start-up by the end of October.

The following Logs have been attached for information purposes.

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 Log for Contract 02-1:* The log lists all the Change Order Requests (COR) the General Contractor has submitted to date as well as their status.
3. *Work Change Directive Log for Contract 02-1:* The log lists all the Work Change Directives (WCD) that were issued to the Contractor. Please note that all WCD's will be converted into Change Orders once the cost is agreed upon.
4. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

We recommend approval of the following:
Change Orders:

No.	Contract	Description	Subtotal	Total
4-5	Electrical Construction	Wiring and drive changes for vertical close-coupled pumps	\$ 35,879.48	\$ 35,879.48
			TOTAL	\$ 35,879.48

Reasons for Change Order Items:

No. 4-5: Pump manufacturer has submitted control panels, which are slightly different than the basis of design and correction of wiring/instrumentation diagrams.

As shown on the attached logs and schedules, the total approved change orders (CO's 4-1 through 4-4) for Contract 02-4 is \$38,116.22 (0.85% of the total contract). CO 4-5 represents 0.80% of the contract price. Please also note that there are several Work Change Directives involving the Dewatering and AWT Buildings that will have estimated deductions in the cost and will be a deductive Change Order in the future.

Applications for Payment:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	15	\$ 1,183,850.75
02-2	Plumbing	Robert Johnson Heating & Plumbing, Inc.	6	\$ 13,034.70
02-3	HVAC	G.M. McCrossin, Inc.	9	\$ 75,275.10
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	13	\$ 55,067.19
				\$ 1,327,227.74

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #16 is attached which describes the construction activities that occurred during the past month for your information.

Cluster's Meter Pit Rehabilitation

The design is complete. A final coordination meeting was held September 2, 2003 with State College Borough. The contract documents have been advertised for bids with a scheduled bid opening of October 10, 2003. If the bids are in order, we will present them at your October meeting for authorization.

Industrial Pretreatment Program Support

We have responded to the EPA and are scheduled to resubmit the revised IPP report by October 3, 2003.

Plan Reviews

Project Name	Design/As-Built	Status	Date
Stern's Crossing Phase 1	Design	Comments to staff	7/21/03
Village of Penn State	Design	Comments to staff	8/13/03

Teaberry Ridge Phase 3	Design	Comments to staff	8/13/03
Hillside Farm, Phase 1	As-Built	Comments to staff	7/21/03
The Landings, Sec 3, Phase 4	Design	Comments to staff	7/21/03
Saybrook, Phase 5	As-Built	Comments to staff	7/21/03
Price's Saw Mill, Phase 2	As-Built	Comments to staff	7/21/03
Mary Elizabeth Street	Design	Approval Rec'd	8/24/03
Golden Oaks Estates	Design	Comments to staff	8/13/03
Alpha Ambulance	Design	Comments to staff	8/13/03
Gibson Place	As-Built	Comments to staff	8/13/03
Independence Place, Phase 2	Design	Comments to staff	8/27/03
Fourplex at Haymarket	Design	Under Review	
Boalsburg Investment Group	Design	Under Review	
Aaron Plaza	Design	Comments to staff	8/27/03
Hillside Farm Estates, 5B, 6, 7, & 8	As-Built	Under Review	
Mount Nittany Terrace Ph 2	Design	Under Review	
One Run, Blue Course Drive	Design	Under Review	

5.7 Executive Director's Report

Innovative Technology Grant

A new round of Innovative Technology grants has been announced. In this round, water reuse is specifically listed as eligible. UAJA staff will be applying for a grant to fund the transmission main project.

Office Staff

Marci Brown from our maintenance staff was utilized in the office while Brenda Carper was on maternity leave. Marci worked primarily with Kathy Wheeler. Mr. Miller commended both Marci and Kathy for a job well done.

PL 339

Rumor is that the PL 339 is back in the budget for 2003. We most likely will not receive all of the funds that we have applied for.

Impaired Spring Creek

Mr. Miller reviewed with the Board that both PSU & UAJA are concerned about the impairment of Spring Creek and the eventual affects of DEP imposing total maximum daily loads (TMDL's). Since TMDL's can have a significant impact on our discharge permit, UAJA staff and PSU Physical Plant staff are exploring the possibility of calculating the TMDL's now, well in advance of DEP. A proposal is to be prepared for consideration at the next meeting.

6. Old Business

6.1 Water Conservation Rate Study

At a meeting in July, representatives from the Chamber of Business and Industry of Centre County (CBICC), Clearwater Conservancy, State College Borough Water Authority (SCBWA) and University Area Joint Authority (UAJA) met to discuss the development of a water

conservation program. At the meeting, UAJA agreed to develop an outline for a water conservation program for the Centre Region.

Subsequent to the meeting, Heritage I has submitted a request for UAJA to undertake a rate study. In addition, Clearwater Conservancy has submitted a letter supporting a rate study. Both are included in the agenda packet.

The UAJA Board has discussed water conservation several times in past years. A pilot project was conducted in cooperation with SCBWA in 1998. In past meetings, water conservation was recognized as being a key component to extending the useful life of the wastewater system. However, any potential program was given a lower priority than the reuse project because the need for capacity was too soon to give a conservation program time to work.

A successful water conservation plan should follow the following steps to be successful:

1. Identify conservation goals
2. Develop a water use profile and forecast
3. Evaluate planned facilities
4. Identify and evaluate conservation measures
5. Identify and assess conservation incentives
6. Analyze benefits and costs
7. Select conservation measures and incentives
8. Prepare and implement the conservation plan
9. Integrate conservation and supply plans, modify forecasts
10. Monitor, evaluate and revise the program as needed

Commitment from many entities is a common requirement for having a successful water conservation program. Municipalities, water utilities, environmental groups, schools, and business an industry need to work together to implement a program. Without full commitment from all of these entities, the program is likely to fail.

The volume of material available on water conservation programs is staggering. An example of a resolution by a municipality which enacted a comprehensive water conservation program is included in the agenda packet. Note that the focus initially is on education. This is common to successful programs. Incentives are usually implemented after education, or concurrent with education. Incentives are not implemented before education.

In the steps to a water conservation program, changing rate structures is step seven. Evaluating changes to the rate structure are in step five. It should be noted that there are some locations that have successful water conservation programs that do not include volumetric billing of wastewater.

It was suggested that UAJA, Heritage I, SCBWA, College Township Water Authority, Penn State, Clearwater Conservancy, and the Centre Region Council of Governments join together to form a committee to develop a comprehensive water conservation plan following the steps outlined above. If the plan calls for a rate study, then it should be initiated at that time.

Mr. Abruzzo reviewed with the Board reasons for UAJA to perform a water rate study regarding the use of volumetric billing versus a flat rate billing structure, including the

encouragement of water conservation and fairness. Mr. Abruzzo also indicated that Heritage I felt that UAJA should initiate a rate study now. Mr. Songer reviewed with the board concerns regarding the billing structure utilized for the plant capacity tapping fee charged when obtaining a connection permit, primarily fairness of the current EDU system. Mr. Songer suggested that UAJA initiate a study to develop a fair Tapping Fee schedule.

Following the discussion, the Board decided to consider a rate study once construction is complete on the facility and the financial needs are better identified.

7. New Business

7.1 Final Design – Centre Hills Village – Chestnut Avenue Extension

Final design drawings for the Centre Hills Village – Chestnut Avenue Extension sewer extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.2 Final Design – Mt. Nittany Terrace Phase II Sewer Extension

Final design drawings for the Mt. Nittany Terrace Phase II Sewer Extension sewer extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.3 Final Design – Haymarket Extension-Blue Coarse Drive Widening

Final design drawings for the Haymarket Extension- Blue Coarse Drive Widening sewer extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.4 Final Design – Aaron Plaza Sewer Extension

Final design drawings for the Aaron Plaza Sewer Extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 13 EDUs from multi family units. The review comments have been addressed.

Final Design -
Aaron Plaza Sewer
Extension Approved

A motion was made by Mrs. Bressler, seconded by Mr. Lichty, to approve the final design drawing for the Aaron Plaza Sewer Extension. The motion passed unanimously.

7.5 Final Design – Independence Place, Phase 2

Final design drawings for the Independence Place, Phase 2 sewer extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.6 Final Design – Hillside Farm Estates, Phases 5B, 6, 7 & 8

Final design drawings for the Hillside Farm Estates, Phases 5B, 6, 7 & 8 sewer extension (Ferguson Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.7 Final Design – Innovation Park

Final design drawings for the Innovation Park sewer extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

7.8 Change Order # 4-5, Beneficial Reuse Project

Change Order 4-5 is explained in detail in the engineer’s report. The amount of the Change Order is a net increase of \$35,879.48 to Contract 4.

Change Order 4-5
Approved

A motion was made by Mr. Coe, seconded by Mr. Schmalz, to approve Change Order 4-5 in the amount of \$35,879.48. The motion passed unanimously.

7.9 Requisitions

Construction Fund Stage 6-067	App. #14 Myers	\$1,606,884.51
Construction Fund Stage 6-068	App. #5 Johnson	\$9,589.50
Construction Fund Stage 6-069	App. #8 McCrossin	\$159,510.60
Construction Fund Stage 6-070	App. #12 Biter	\$192,304.93
Construction Fund Stage 6-071	App. #14 HRG-CM	\$27,918.23
Construction Fund Stage 6-072	App. #13 HRG-RPR	\$52,782.78

Construction –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mr. Schmalz, to approve the Construction Requisitions as presented. Motion passed unanimously.

Bond Redemption and Improvement Fund Requisition #28 \$483,500.00

Bond Redemption and
Improvement Fund
Requisition #28
Approved

A motion was made by Mr. Schmalz, seconded by Mrs. Bressler, to approve the Bond Redemption and Improvement Requisitions # 28 as presented. Motion passed unanimously.

Revenue Fund Requisition #72 \$1,500,000.00

Revenue Fund –
Requisitions #72
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Coe, to approve the Revenue Fund Requisition # 72 as presented. Motion passed unanimously.

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 A. DEMPSEY
Secretary

MINUTES

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

Regular Meeting – October 15, 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:00 p.m. on Wednesday, October 15, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Klapac, Lapinski, Lichty, Mollo, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Steve Welch, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Scott Eters, Solicitor; Mark Whitfield, State College Borough; Bob Crum and Steve Suder, CRPA; 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 17, 2003

The Board considered the UAJA minutes of the Regular Meeting held on September 17, 2003;

UAJA September 17, 2003 Meeting Minutes Approved

A motion was made by Mr. Schwab, seconded by Mrs. Bressler, to approve the minutes of the UAJA Regular Meeting on September 17, 2003 as presented. The motion passed unanimously.

4. Public Comment Period

4.1 Bob Crum presented the Growth Forecasting for the estimated growth for each municipality from now until the year 2030. This forecasting estimates which parcels are projected to see growth and also projects what type of service will be developed (i.e. commercial, residential, industrial, etc.). The Act 537 Plan is scheduled to begin being updated next year and is required to be updated every five years.

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending September 2003 was presented to the Board for their review.

Mr. Smith informed the Board that the Debt Service payment is due November 1, 2003 and that the funds have been transferred to the 93 & 01 debt service funds for this payment. The budgeted expenses are on track for the year with the revenues low due to not receiving the PL 339 funds.

Mr. Smith reviewed with the Board his memo regarding the refinancing of the 1993 Bond Issue with a special meeting to be held on October 23, 2003. The 2004 budget is being prepared. Budget request have been submitted by the department heads and are currently being reviewed. A draft budget is scheduled for submission to the Board at the November meeting with final budget package slated for review/approval at the December 17, 2003 meeting. Auditing Service RFP deadline was today. A subcommittee was appointed by the Chairman to review the auditing proposals and make a recommendation for formal action to be made at the November 2003 meeting. Short term investment options using the 2001 Bond money are being investigated. Investments can not be made until some details of the Bond Indenture are sorted out. If the purchases can be made under the Bond Indenture, UAJA could realize an increase in interest earnings.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with no exceptions to our NPDES permit during this reporting period. The 12-month rolling average flow for September was 5.31 mgd with the average for the month being 7.07 mgd.

John Sengle of DEP visited the facility on September 29th, 2003, in response to our by-passing the tertiary filters earlier that day. Because of "mud-balling" several of the filters started to fail causing filter media to flow through to the chlorine contact tank. See attached letter to DEP for the sequence of events.

Treatment units on line are as follows: primary clarifiers #1, #2, and #3; aeration basins #1 and #2; secondary clarifiers' #2 and #3; and tertiary filters by-passed.

Plant Maintenance

Plant General

- Replaced #2 Hoffman blower motor with spare motor from #1 blower.
- Drained and cleaned inner channel of the chlorine tank.
- Installed the replacement heat pump #4 and closed out insurance claim.
- The 911 building identification signs were installed.

- Both micro-filters were cleaned and chemicals added for long term storage. With the filters in the by-pass mode the Micro-filters are not usable.
- An air compressor obtained from the old Pine Grove plant has been installed as a back-up in the Reuse Bldg.

Primary Building

- Replaced the diaphragm in #2 pump and rebuilt the air cylinder on #6 pump.
- Rebuilt the air regulator on #3 diaphragm pump.

Dewatering

- Replaced transducers in tanks #4, #5 and #6, along with bar graphs in tanks #4 and #5.
- Replaced the water and air lines for the Odor Control system.

Compost Operations Report

- We have approximately 900 cubic yards of compost remaining.

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

5.4 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) PA Military Museum
- (UA) Lateral Repairs – (1) 506 Brittany Dr.
- (UA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (UA) Mainline Repairs – None
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (14)
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – None
- (FTA) Mainline Cleaning – (3 manholes inspected- 354 feet cleaned)
- (FTA) Mainline Repairs – 320' of 8" from MH#90 to MH#89
- (FTA) Manhole Repairs – (1) Manhole #90
- (FTA) Manhole Casting Repairs – (4)

We completed concrete and restoration work at lateral repair locations. Assisted Plant personnel with tank cleaning operations using Big Red*. Did some preparation work for the W. Chestnut Street job that is up-coming.

I/I Inspection (We TV'd 1678 ua/354 fta feet of mainline and inspected 12 ua/2 fta MH's.)
Tested/Grouted – (0/0) Estimated I/I-flow decreased – (432,000gpd. fta.)
We are continuing to monitor flow meters in the service area. Majority of time spent on construction crew.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We did our annual oil change/inspection at 12 stations. We spent considerable time working with the telemetry system to find and replace bad components

which were making the entire system temporarily non-operational.

Inspection

Preliminary As-builts Approved: None

Mainline Construction:

- a. Western Inner Loop – Sewer replacement is 90% complete and is on hold again.
- b. Hillside Farms – Offsight Extension is approximately 90% complete.
- c. Valley Vista Park Phase 3 – As-builts have been received & are under review.
- d. Premier Theatre Sewer Relocation – As-builts have been received & are under review.
- e. Foxpointe Phase 4 – Construction is complete and ready for TV inspection.
- f. Somerset Phase 2 – Construction is complete, TV'd and waiting for As-builts.
- g. Marywood(Hunterwood Way North) – Construction is complete. Waiting for TV Insp.

New Connections:

a.	Single-Family Residential	33
b.	Multi-Family Residential	12
c.	Commercial	0
d.	Industrial	0
	TOTAL	45

5.5 Construction Projects Report

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

Construction activity continues to move forward. Again I will refer you to the engineer's monthly progress report for details. Included in the engineers is a description of change order activity. We continue to work with the contractors and engineers in coordinating tasks and shutdowns, etc... This will be the case throughout the remainder of the project. The general contractor has reached 50% completion on his contract. Therefore his retainage is reduced from 10% to 5% by contract. This is reflected in their latest pay application.

There are ten pay applications drawn on the construction fund for a total of \$3,264,289.23 and are as follows:

Contract 02-1 General Construction Allan A. Myers
Application #16 \$2,315,766.07

Contract 02-2 Plumbing & Heating Robert Johnson
Application #7 \$38,830.50

Contract 02-3 HVAC G. M. McCrossin
Application #10 \$389,963.70

Contract 02-4 Electrical Bob Biter Electric
Application #14 \$375,265.25

HRG Construction Management
Application #16 \$41,494.84

HRG Construction RPR
Application #15 \$81,441.52

Allegheny Power College Harris Pump Station
\$9,212.70

Allegheny Power College Harris Pump Station
\$8,653.65

American Roofing College Harris Pump Station Roof
\$3900.00

We continue to work toward a solution on the issues of poor construction at the primary and secondary clarifiers.

5.6 Engineer's Report

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

Beneficial Reuse

Design – Transmission Line Realignment

The contract documents are scheduled bid opening of October 24, 2003. If the bids are in order, we will present them at your November meeting for authorization. A copy of the current plan holders is attached for your information.

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. Construction has progressed to where start-up of several units has begun. College-Harris Pump Station has been in operation for over a month. Many of the units in the dewatering building processes have been started with Centrifuge #1 start-up the week of your meeting. Aeration Tank #1 is progressing where start-up and testing are scheduled for the last two weeks of October. We have also been assisting Staff with the recent problems in the Tertiary Filters.

The following Logs have been attached for information purposes.

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 Log for Contract 02-1, 02-2 and 02-4:* The log lists all the Change Order Requests (COR) the Contractors has submitted to date as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

We recommend approval of the following:

Change Orders:

No.	Contract	Description	Time	Subtotal	Total
1-11	General	1. Undercut at Aeration Tank and AWT Feed Pump Station	87 days	\$ 15,997.09	\$ 41,505.46
		2. Delete monorail and hoist for deleted RO feed pumps		\$ (4,279.00)	
		3. Additional valves at Septage Receiving Station		\$ 5,497.00	
		4. Concrete replacement in Headworks Building		\$ 8,760.10	
		5. Add Geotextile to Biofilter		\$ 15,530.27	
		6. Undercut at AWT Feed Pump Station retaining wall		\$ 8,044.65	
		7. RAS/WAS piping changes/additions		\$ 10,872.17	
		8. AWT Feed Pump Station staging		\$ 30,258.17	
		9. Extra demolition at Headworks for existing flumes		\$ (5,300.00)	
		10. Change Aer. Tank Influent Pipe from TR Flex to Tyton joint		\$ (27,154.00)	
		11. Change RO Feed Pumps to 2-250HP			
1-12	General	Delete Myratek (Auxiliary Aeration Control) Equipment		\$(127,680.00)	\$(127,680.00)
2-1	Plumbing	Add floor drains and subfloor drainage piping at the Compressor Building in the Primary Clarifiers		\$ 1,490.00	\$ 1,490.00
4-6	Electrical	Change RO Feed Pumps from 4-125HP to 2-250HP		\$ 0.00	\$ 0.00
TOTAL					\$ (84,684.54)

Reasons for Change Order Items:

No.	Reason
1-11	1. Insufficient bearing capacity of subsoil.
	2. Deletion of monorail and hoist for deleted second set of RO Feed pumps
	3. Additional valves will allow more control of pumps and wetwell selection
	4. Portions of the existing slab had sunk in the existing building. More portions of the slab failed due to the exposed footing during construction. Contractor replaced all sunken slab areas; change order represents areas where slab had sunk as a pre-existing condition.
	5. Needed to maintain separation of media (mulch) and gravel air distribution zone in the Biofilter.
	6. Insufficient bearing capacity of subsoil.
	7. RAS/WAS piping changes to provide operational control with the new Aeration Tank and the existing Aeration Tank operating at the same time.
	8. AWT Feed Pump Station was listed as unstaged work but the structure is needed to house electrical equipment for Stage 1 work.
	9. Drawings show demolition of flume. Extra demolition is for concrete, which was poured around and over flume.
	10. Change type of pipe from TR Flex to Tyton joint.
	11. Change RO Feed Pumps from 2 sets of 2-125 HP to 1 set of 2-250HP
1-12	Delete Myratek (Auxiliary Dissolved Oxygen Control System) Equipment
2-1	Floor drains needed for condensate disposal
4-6	Change the drive size and quantity for the RO Feed Pumps

As shown on the attached logs and schedules, the total approved change orders for all Contracts are \$161,874.16 (0.38% of the total contracts). The recommended Change Orders represent 0.20% of the total contract prices. The total approved change orders for Contract 02-1 is \$135,960.06 (0.41% of the total contract). CO 1-11 and 1-12 represent -0.26% of the contract price. Change Order 2-1 is the first Change Order for this Contract and represents 0.45% of the contract price. Change Order 4-6 is a no cost Change Order. Please also note that continue to work on several Work Change Directives involving the Dewatering and AWT Buildings that will have estimated deductions in the cost and will be a deductive Change Order in the future.

Applications for Payment:

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	16	\$ 2,315,766.07
02-2	Plumbing	Robert Johnson Heating & Plumbing, Inc.	7	\$ 38,830.50
02-3	HVAC	G.M. McCrossin, Inc.	10	\$ 380,963.70
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	14	\$ 375,265.25
				\$ 3,110,825.52

Resident Project Representative

The Resident Project Representatives continue support for the project. Monthly Progress Report #17 is attached which describes the construction activities that occurred during the past month for your information.

Cluster’s Meter Pit Rehabilitation

The bid opening was held October 10, 2003. The bid tabulation was presented at the meeting. A coordination meeting was held with State College Borough representatives on October 14, 2003. The Borough of State College has agreed to pay \$87,478.66 the bid price of the Montana flume and to split 50/50 the difference in the costs between the trapezoidal flume and the Montana flume which the bids have indicated would be a difference of \$64,976.80. Everything appears to be in order, therefore, we request that the Authority authorize staff to issue the Notice of Intent to Award and the Notice to Proceed.

Cluster’s Meter Pit
 Rehabilitation
 Approved

A motion was made by Mr. Schwab, seconded by Mrs. Bressler, to proceed with the Notice of Intent to Award Contract 03-8 for the general contract of the trapezoidal flume for the Cluster’s Meter Pit Rehabilitation to G.M. McCrossin and the electrical Contract 03-9 to Robert P. Lepley Electrical Contractor. Motion passed unanimously.

Industrial Pretreatment Program Support

The revised IPP report was resubmitted to the EPA. In several cases the pollutant limit was tightened (1). In several other cases, the “background” levels were high enough that limits needed to be created using an EPA prescribed method (2). Listed below are the pollutants, the existing limits and the proposed limits. At the point that the EPA accepts the report, the Authority will need to take action to establish these limits.

Parameter	Existing Limit (mg/l)	Proposed Limit (mg/l)
Arsenic (1)	no limit	2.43
Cadmium	0.25	0.11
Chromium (Hex)	1.50	0.53

Copper (1 & 2)	7.00	3.63
Cyanide	0.70	0.35
Lead (1 & 2)	1.90	0.31
Mercury	Not Detectable	Not Detectable
Molybdenum (1)	no limit	7.00
Nickel	3.10	2.40
Selenium (1)	no limit	3.60
Silver	4.10	4.10
Thallium	0.19	0.19
Zinc (1)	no limit	1.40

Plan Reviews

Project Name	Design/As-Built	Status	Date
Village of Penn State Phase 2, Section 1	Design	Under Review	
Chestnut Ave. Extension – Centre Hills Village	Design	Comments to staff	9/19/03
Independence Place, Phase 2	Design	Comments to staff	9/25/03
Fourplex at Haymarket	Design	Under Review	
Boalsburg Investment Group	Design	Under Review	
Hillside Farm Estates, 5B, 6, 7, & 8	Design	Comments to staff	9/24/03
Mount Nittany Terrace Ph 2	Design	Comments to staff	9/18/03
One Run, Blue Course Drive	Design	Comments to staff	9/24/03
Independence Place, Phase 3&4	Design	Comments to staff	10/3/03
Hillside Farms Estates, Phase 2A	As-Built	Comments to staff	10/3/03
Oakwood Parcel 7	Design	Under Review	
Premiere Theatre	As-Built	Comments to staff	10/6/03
Innovation Park	Design	Comments to staff	10/6/03
Foxpointe Phase 4	As-Built	Under Review	
Valley Vista Park Phase 3B	As-Built	Under Review	
Hillside Offsite	As-Built	Under Review	

5.7 Executive Director’s Report

Innovative Technology Grant

The Authority has submitted an application for an innovative technology grant through Growing Greener. This grant program specifically targets improvements to wastewater and water facilities using innovative technologies. In announcing the grant at the PMAA conference in August, DEP Secretary McGinty specifically said preference for these grants would go to several types of innovative projects; one of which was “treatment of municipal wastewater for beneficial reuse”. We have targeted our use of membrane filtration technology to achieve beneficial reuse for our application. We will keep the board apprised of the success or failure of this application.

Act 220

Notice has been received from DEP regarding the list of those appointed to the Water Management Act 220 committee. There appears to be a lot of locally familiar names appointed. The Statewide list has not been received as of yet.

6. Old Business

6.1 Final Design – Centre Hills Village – Chestnut Avenue Extension

Final design drawings for the Country Hills Village – Chestnut Avenue Extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 15 EDUs from single family homes. The review comments have been addressed.

Final Design – Centre
Hills Village –
Chestnut Avenue
Extension Approved

A motion was made by Mrs. Bressler, seconded by Mr. Lichty, to approve the Final Design-Centre Hills Village-Chestnut Avenue Extension. Motion passed unanimously.

6.2 Final Design – Mt. Nittany Terrace Phase II Sewer Extension

Final design drawings for the Mt. Nittany Terrace Phase II Sewer Extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

6.3 Final Design – Haymarket Extension – Blue Course Drive Widening

Final design drawings for the Haymarket Extension – Blue Course Drive Widening (Ferguson Township) have been received and reviewed by staff and our consulting engineer. This is a sewer relocation. The review comments have been addressed.

Final Design –
Haymarket Extension
– Blue Course Drive
Widening Approved

A motion was made by Mr. Lapinski, seconded by Mr. Schwab, to approve the Final Design – Haymarket Extension- Blue Course Drive Widening. Motion passed unanimously.

6.4 Final Design – Independence Place Phase 2 Sewer Extension

Final design drawings for the Independence Place Phase 2 Sewer Extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 14 EDUs from single family homes. The review comments have been addressed.

Final Design –
Independence Place
Phase 2 Sewer
Extension Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to approve the Final Design – Independence Place Phase 2. Motion passed unanimously.

6.5 Final Design – Hillside Farms Estates Phases 5B, 6, 7 and 8 Sewer Extension

Final design drawings for the Hillside Farms Estates Phases 5B, 6, 7 and 8 Sewer Extension (Ferguson Township) were not received in time for reviewed by staff and our consulting engineer in time for approval at the meeting.

6.6 Final Design – Innovation Park Sewer Extension

Final design drawings for the Innovation Park sewer extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 15 additional EDUs from the research park. The review comments have been addressed.

Final Design – Innovation Park Sewer Extension Approved

A motion was made by Mr. Schwab, seconded by Mr. Lapinski, to approve the Final Design- Innovation Park Sewer Extension. Motion passed unanimously.

7. New Business

7.1 Non-Point Source Pollution Model

At the September meeting, it was mentioned that staff was working with Penn State Physical Plant to determine if together we might be able to get some idea what the Total Maximum Daily Loads (TMDL's) might look like when determined by DEP several years from now. Under the Clean Water Act, when a stream is determined to be impaired (Spring Creek is impaired, but has not yet been listed as impaired), within 3 years DEP must determine TMDL's for the affected stream reaches. Spring Creek will be listed in 2004, so the TMDL's must be established by 2007.

TMDL's affect all permit holders within the affected watershed. Since UAJA holds an NPDES permit, our limits are likely to be affected. In addition, the municipalities and PSU will be affected, since they now hold NPDES Phase II stormwater permits. Probably the worst thing that can happen is a slowing of growth in the Centre Region. Since the reuse project was financed expecting a reasonable growth rate, if growth slows, the user rates will be impacted.

A proposal from GeoDecisions has been provided in the meeting packet. The proposal outlines a modeling effort which will give us a good picture of what needs to be done to avoid the harsh limitations of TMDL's. The model to be used is exactly the model that DEP will be using to set the TMDL's several years from now. By having some idea what the TMDL's might look like, UAJA and PSU can work together to help the Centre Region understand what needs to be done to avoid some potentially devastating consequences down the road. It takes a lot of time to get a stream to recover from impairment, so starting early will give us a jump on the work. For UAJA, most of the future work will be educating the municipalities of the Centre Region about things they can do to halt and reverse the impairments. It is almost certain that the work to be done will not be plant improvements at UAJA. By doing this study, we will be able to demonstrate just how small our contribution to the impairment is.

The estimated cost of \$15,189 is proposed to be split 50/50 with PSU Physical Plant.

Non-Point Source
Pollution Model
Approved

A motion was made by Mr. Schwab, seconded by Mr. Coe, to approve the Non-Point Source Pollution modeling effort with the award of the contract for professional services to GeoDecisions for the estimated cost of \$15,189 and with these costs being shared 50/50 with PSU Physical Plant. Motion approved unanimously.

7.2 Change Order # 1-11, Beneficial Reuse Project

Change Order 1-11 is explained in detail in the engineer's report. The amount of the Change Order is a net increase of \$41,505.46 and 87 days to Contract 1.

7.3 Change Order # 1-12, Beneficial Reuse Project

Change Order 1-12 is explained in detail in the engineer's report. The amount of the Change Order is a net decrease of \$127,680.00 to Contract 1.

7.4 Change Order # 2-1, Beneficial Reuse Project

Change Order 2-1 is explained in detail in the engineer's report. The amount of the Change Order is a net increase of \$1,490.00 to Contract 2.

7.5 Change Order # 4-6, Beneficial Reuse Project

Change Order 4-6 is explained in detail in the engineer's report. There is no change in price to Contract 4 resulting from this change order.

Change Orders 1-11,
1-12, 2-1 and 4-6
Approved

A motion was made by Mr. Schwab, seconded by Mr. Dempsey, to approve the Change Orders as presented # 1-11, 1-12, 2-1, and 4-6. Motion passed unanimously.

7.6 Requisitions

Construction Fund Stage 6-080	App. #16 Myers	\$2,315,766.07
Construction Fund Stage 6-081	App. #7 Johnson	\$38,830.50
Construction Fund Stage 6-082	App. #10 McCrossin	\$380,963.70
Construction Fund Stage 6-083	App. #14 Biter	\$375,265.25
Construction Fund Stage 6-084	App. #16 HRG-CM	\$41,494.84
Construction Fund Stage 6-085	App. #15 HRG-RPR	\$81,441.52

Construction Fund Stage 6-086	Allegheny Power	\$8761.00
Construction Fund Stage 6-087	Allegheny Power	\$9212.70
Construction Fund Stage 6-088	Allegheny Power	\$8653.65
Construction Fund Stage 6-089	American Roofing	\$3900.00

Construction –
Requisitions
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Schmalz, to approve the Construction Requisitions as presented. Motion passed unanimously.

Revenue Fund	Requisition #74	\$500,000
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Revenue Fund
Requisition #74
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Coe, to approve the Revenue Fund Requisitions # 74 as presented. Motion passed unanimously.

8. Other Business

8.1 Tertiary Filters

The Board was informed of the recent failure of the tertiary filters. DEP was notified that the filters had failed and are being bypassed. The plan and schedule for the repair will be forwarded to DEP in the next few weeks. A work change directive will be forth coming to replace the media in these filters, replace the undercap and drains for the filters. The estimated costs are \$410,000.

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 A. DEMPSEY
Secretary

MINUTES

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

Special Meeting – October 23, 2003

1. Call to Order

Mr. Mollo called the special meeting of the University Area Joint Authority to order at 4:01 p.m. on Thursday, October 23, 2003. The meeting was held in the Conference Room in the office of the Borough of State College.

2. Roll Call

Messrs. Coe, Klapac, Mollo, Regan, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director, Scott Etters, Solicitor; Bob Moore, Bond Counsel, Scott Bossung, PFM, and Kathy Wheeler, Recording Secretary. There being a quorum, the meeting was declared open for business.

3. Mr. Moore reviewed with the Board bid results and debt service schedules for the refinancing of the 93 Sewer Revenue Bonds. The net savings from this refinancing is a 2.77% savings which is above the Board's requirement of 2% savings established by motion at the July 16, 2003 meeting.

Refinancing of the 1993
Sewer Revenue Bond
Approved

A motion was made by Mr. Coe, seconded by Mrs. Bressler, to approve the resolution to refinance the 1993 Sewer Revenue Bond. The motion passed unanimously.

Mr. Moore stated that the closing will be held on December 3, 2003; therefore the 93 bonds will need to be called by that date.

Call for Redemption of
the
1993 Revenue Bonds
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Schwab, to authorize the Trustee to Call for Redemption the 1993 Sewer Revenue Bond for the purpose of refinancing. The motion passed unanimously.

4. Mr. Miller informed the Board that he would be at a conference in Chicago the week of the November 19 meeting and asked if the Board wished to change the meeting date since he would not be available for the meeting. The Board stated that they would prefer to keep the meeting the third week in November.

5. Adjournment

There being no further business to come before the Board, the meeting adjourned at 4:37 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

DAVID D. COE
Assistant Secretary

MINUTES

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

Regular Meeting – November 19, 2003

1. Call to Order

Mr. Mollo called the regular scheduled meeting of the University Area Joint Authority to order at 4:04 p.m. on Wednesday, November 19, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Klapac, Lichty, Mollo, Schmalz, Schwab and Mrs. Bressler were present. Also present were Dave Smith, Assistant Executive Director, Steve Welch, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Scott Eters, Solicitor; Mark Whitfield, State College Borough; Dan Abruzzo, CBICC; Robert Lent, Maher Duessel Certified Public Accountants; Edward Glass; 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 15 and October 23, 2003

The Board considered the UAJA minutes of the Regular Meeting held on October 15 and October 23, 2003;

UAJA
October 15 and
October 23, 2003
Meeting Minutes
Approved

A motion was made by Mr. Schmalz, seconded by Mrs. Bressler, to approve the minutes of the UAJA Regular Meeting held on October 15, 2003 and the Special Meeting held on October 23, 2003 as presented. The motion passed unanimously.

4. Public Comment Period

4.1 Mr. Glass presented to the Board for review a letter he had written to Mr. Miller in September 1999 regarding the possible consideration of not charging customer that have their water meters disconnected due to seasonal travel. Mr. Glass stated that he wanted to bring this to the Board's attention and thanked the Board for their consideration.

- 4.2 Mr. Dan Abruzzo stated that they were concerned about the proposed 2004 budget and offered to have financial consultants review the proposal if the Board so desired. Mr. Abruzzo stated that they would like to see the Board not approved the proposed 2004 budget until confirmation is received regarding the PL Act 339 funds.

Mr. Abruzzo reviewed with the board a comparison that they had prepared of what the rate for sewer is based on the water usage to show the unfairness of using flat rates versus volumetric. Mr. Abruzzo stated that the comparison used actual sewer costs and actual water usages for several businesses, schools and residential customers. The Board asked that staff be provided with a copy of this comparison.

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending October 2003 was presented to the Board for their review.

Mr. Smith informed the Board that the budgeted expenses and revenues are running close to the projections with the exception of not receiving the PL 339 funds.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with one exception to our NPDES permit during this reporting period. We experienced a high total chlorine residual on November 3rd and 4th, 2003. This was corrected by chlorine feed adjustment and was reported to DEP within the 24 hour reporting period. The 12-month rolling average flow for October was 5.35 mgd with the average for the month being 5.61 mgd.

There were no inspections by DEP this month.

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

Plant Maintenance

Plant General

- Replaced door hinges on the 88' and 89' Chevy pick-ups.
- Inspected and repaired all snow removal equipment.
- Cleaned filter backwash sump in Tert. Bldg.
- Repaired outside lighting at Main station.
- Restarted Liquidase pump at the Main station. (This is a grease dissolving agent)

Primary Building

- Repaired the safety switches on the skim drives for tanks #3 and #4.
- Cleaned grit chamber in #1 tank.

Dewatering

- Removed catch pans on stacking conveyor outside Dewatering Bldg. to facilitate clean-up.
- Replaced the heaters for #2 BFP booster pump.

Compost Operations Report

- There is no compost remaining. This report will commence upon production of compost.

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

5.4 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) 665 Dale Street, lot 23 Elm Street
- (UA) Lateral Repairs – (1) 524 Westgate Dr.
- (UA) Mainline Cleaning – (5 manholes inspected- 917 feet cleaned)
- (UA) Mainline Repairs – (1) 524 Westgate Dr.
- (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 – (1) Manhole #8
- (FTA) Manhole Casting Repairs – (1)

We completed concrete and restoration work at lateral repair locations. The W. Chestnut back-lot replacement project is completed. The Butternut back-lot replacement is 80% completed. Cleaned a process tank for the Boro Water Authority, and the area under the tertiary filters here at the Plant with Big Red.

I/I Inspection (We TV'd 540 ua/0 fta feet of mainline and inspected 4 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. Majority of time spent on construction crew.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We did our annual oil change/inspection at 8 stations. We installed a fence at the Persia station to keep the residents above the station from shortcutting through the station to get to Rt. 26. We flushed all stations, took a spare parts inventory, and worked on preparing a troubleshooting guide.

Inspection

Preliminary As-builts Approved: None

Mainline Construction:

- a. Western Inner Loop – Sewer replacement is 90% complete and is on hold again.
- b. Hillside Farms Offsight Extension - Construction is complete. Reviewing As-builts.
- c. Hillside Farms 2A – Construction is complete. As-builts are being reviewed.
- d. Valley Vista Park Phase 3 – As-builts have been received & are under review.
- e. Premier Theatre Sewer Relocation – As-builts have been received & are under review.
- f. Foxpointe Phase 4 – Construction is complete. Reviewing As-builts.
- g. Somerset Phase 2 – Construction is complete, TV'd and waiting for As-builts.
- h. Marywood(Hunterwood Way North) – Construction is complete. Reviewing As-builts.
- i. Mary Elizabeth St. Extension – Construction is complete. Waiting for As-builts.
- j. Tradition Point,ph2,sec1B – Construction is complete. Waiting for As-builts.
- k. Golden Orchards Estates – Construction is approximately 60% complete.
- l. Landings ph4,sec3 – Construction is approximately 50% complete.
- m. Haymarket Lot3RR Extension – Construction is complete.

New Connections:

- | | | |
|----|---------------------------|----|
| a. | Single-Family Residential | 33 |
| b. | Multi-Family Residential | 0 |
| c. | Commercial | 3 |
| d. | Industrial | 0 |

TOTAL 36

5.5 Construction Projects Report

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

Construction progress continues to move forward. Although it's been hampered a little by the rainfall we continue to experience. Three of the prime contractors have reached fifty percent completion; therefore their retainage is reduced from ten percent to five percent.

Seven pay applications were presented for Board approval to be drawn on the construction fund for a total of \$2,121,384.24.

The pay applications are as follows:

Contract 02-1 General Construction Allan A. Myers
Application #17 \$1,563,079.32

Contract 02-2 Plumbing and Heating Robert Johnson Inc.
Application #8 \$3,591.00

Contract 02-3 HVAV G. M. McCrossin
Application #11 \$299,583.50

Contract 02-4 Electrical Bob Biter Electric
Application #15 \$180,618.73

HRG Construction Management
Application #17 \$21,115.06

HRG Construction RPR
Application #16 \$52,034.00

HRG Bid-phase Services Transmission Line
\$1,362.63

We are in the process of starting new equipment and new equipment continues to be received. The RO unit was delivered this week. The superstructure of the compost is taking shape. We are still encountering some difficulty in the operation of the centrifuge. We hope to have this ironed out shortly. We have for Board review tonight change order 1-14 repair of the tertiary filters. This CO is in the amount of \$606205.39. This CO is discussed in the engineers report in detail.

5.6 Engineer's Report

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

Beneficial Reuse

Design – Transmission Line Realignment

The bid opening for this project occurred on October 24, 2003. The apparent low bidder is Laurel Management Company from Johnston, Pennsylvania. HRG is in the process of gathering general information about the company and processing the appropriate Contract Administration in order to proceed with the Notice of Intent to Award. Upon receipt of the appropriate Agreements, Bonds and Insurances, and the UAJA Board approval HRG will issue a Notice to Proceed.

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI's and processing submittals. Construction has progressed to where start-up of several units has begun. College Harris Pump Station has been in operation since September. Many of the units in the dewatering building process have been started with Centrifuge #1 started up. After resolving PLC/SCADA programming issues, Aeration Tank #1 will progress to where start-up and testing is scheduled toward the end of November.

As shown on the attached logs and schedules, the total approved change orders for all Contracts are \$161,874.16 (0.38% of the total contracts). The recommended Change Orders represent 0.20% of the total contract prices. The total approved change orders for Contract 02-1 is \$135,960.06 (0.41% of the total contract). CO 1-11 and 1-12 represent -0.26% of the contract price. Change Order 2-1 is the first Change Order for this Contract and represents 0.45% of the contract price. Change Order 4-6 is a no cost Change Order. Please also note that continue to work on several Work Change Directives involving the Dewatering and AWT Buildings that will have estimated deductions in the cost and will be a deductive Change Order in the future.

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 Log for Contract 02-1, 02-2 and 02-4:* The log lists all the Change Order Requests (COR) the Contractors has submitted to date as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

We recommend approval of the following:

Change Orders:

No.	Contract	Description	Time	Subtotal	Total
1-13	General	1. Provide & install a pressure transducer level monitoring at College Harris Pump Station		\$ 4,730.57	\$ 16,812.08
		2. Repair headworks channels with Sika 123		\$ 4,486.59	
		3. Install stainless steel channels to support the gates at PC Splitter Box		\$ 7,594.92	
1-14	General	Remove & replace existing tertiary filter media and underdrains		\$ 606,205.39	\$ 606,205.39
2-2	Plumbing	Relocate plumbing lines from the south wall of the lower level of the administration building.		\$ 3,790.00	\$ 3,790.00
TOTAL					\$ 626,807.47

Reasons for Change Order Items:

No.	Reason
1-13	1. Existing ultra sonic level monitoring unit did not work properly.
	2. Removal of concrete around the flumes requires more extensive repairs than regular grout.
	3. Required to support the gates over a grated area.
1-14	Existing tertiary filters have failed and require replacement.
2-2	The piping is located differently than shown on the existing record drawings and cannot be located above the electrical devices.

Please note that we are investigating Change Order 1-14 and will provide further recommendations at the meeting. Also, there was a mathematical error on Change Order 1-11 which was approved last month. The correct change order amount is \$58,226.45. As shown on the attached logs and schedules, the total approved change orders for all Contracts amount to \$93,910.61 (0.22% of the total contracts). The recommended Change Orders represent 1.47% of the total contract prices (tertiary filter replacement represents 1.42% of the total contract prices). The total approved change orders for Contract 02-1 is \$66,506.51 (0.20% of the total contract). CO 1-13 and 1-14 represent 1.87% of the contract price. Total approved change orders for Contract 02-2 is \$1,490 (0.45% of the total contract); Change Order 2-2 represents 1.13% of the contract price.

Applications for Payment:

Please note the following:

1. Electrical and HVAC Contractors are over 50% completed, the retainage is reduced from 10% to 5%)
2. We have recommended reducing the HVAC payment application by \$40,000 for demolition work in the compost building which the General Contractor completed and has filed a

claim.

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	17	\$ 1,563,079.32
02-2	Plumbing	Robert Johnson Heating & Plumbing, Inc.	8	\$ 3,591.00
02-3	HVAC	G.M. McCrossin, Inc.	11	\$ 299,583.50
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	15	\$ 180,618.73
				\$ 2,046,872.55

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #18 is attached which describes the construction activities that occurred during the past month for your information.

Cluster's Meter Pit Rehabilitation

On October 17, 2003 Notice of Intent to Award for Contract 03-8 Cluster's Meter Pit – Trapezoidal Flume General and Contract 03-9 Cluster's Meter Pit Trapezoidal Flume Electrical were sent to G.M. McCrossin, Inc. and Robert P. Lepley Electrical Contractor's respectively. Acceptable Agreements, Bonds and Insurances have been received; Contract Award and Notice to Proceed can be given.

Industrial Pretreatment Program Support

Nothing new to report.

Plan Reviews

Project Name	Design/As-Built	Status	Date
Village of Penn State Phase 2, Section 1	Design	Comments to staff	11/3/03
Chestnut Ave. Extension – Centre Hills Village	Design	Under Review	
Independence Place, Phase 2	Design	Comments to staff	10/14/03
Fourplex at Haymarket	Design	Comments to staff	11/5/03
Boalsburg Investment Group	Design	Comments to staff	11/5/03
Hillside Farm Estates, 5B, 6, 7, & 8	Design	Comments to staff	9/24/03
Mount Nittany Terrace Ph 2	Design	Comments to staff	9/18/03
One Run, Blue Course Drive	Design	Approved	9/24/03
Independence Place, Phase 3&4	Design	Comments to staff	11/4/03
Hillside Farms Estates, Phase 2A	As-Built	Comments to staff	11/3/03
Oakwood Parcel 7	Design	Under Review	
Premiere Theatre	As-Built	Comments to staff	10/14/03
Innovation Park	Design	Approved	10/14/03
Foxpointe Phase 4	As-Built	Comments to staff	11/4/03
Valley Vista Park Phase 3B	As-Built	Comments to staff	11/4/03
Hillside Offsite	As-Built	Comments to staff	10/31/03
Hunter Wooded Way Phase C&D	As-Built	Under Review	

5.7 Executive Director’s Report

PL339 Reimbursement

The State has not yet made a decision on the budget. As of this report, the proposed budget includes funding for one-half of the PL339 reimbursements. This amount would be applied to the 2004 Budget (reimbursement for 2002). There is no indication that any funding will be available beyond the 2002 request.

Insurance Quotes

Quotes have been requested from three different insurance brokers EMC, Harleysville and HDH. EMC has provided the best quote for the insurance needs. It appears that these costs will increase approximately 3.67%. Final figures will be provided to the Board for review/approval at the December 2003 meeting.

6. Old Business

6.1 Final Design – Mt. Nittany Terrace Phase II Sewer Extension

Final design drawings for the Mt. Nittany Terrace Phase II Sewer Extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

6.2 Final Design – Oakwood Parcel 7 Sewer Extension

Final design drawings for the Oakwood Parcel 7 Sewer Extension (Ferguson Township) were not received in time for reviewed by staff and our consulting engineer in time for approval at the meeting.

6.3 Final Design – Hillside Farms Estates Phases 5B, 6, 7 and 8 Sewer Extension

Final design drawings for the Hillside Farms Estates Phases 5B, 6, 7 and 8 Sewer Extension (Ferguson Township) were not received in time for reviewed by staff and our consulting engineer in time for approval at the meeting.

6.4 Final Design – Boalsburg Investment Group Industrial Park Sewer Extension

Final design drawings for the Boalsburg Investment Group Industrial Park Sewer Extension (Harris Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 1 EDU from the industrial park. The review comments have been addressed.

Final Design –
Boalsburg Investment
Group Industrial Park
Sewer Extension
Approved

A motion was made by Mr. Coe, seconded by Mr. Dempsey, to approve the Final Design – Boalsburg Investment Group Industrial Park Sewer Extension. Motion passed unanimously.

6.5 Final Design – Haymarket Lot 801 Sewer Extension

Final design drawings for the Haymarket Lot 801 Sewer Extension (Ferguson Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 53 EDU's from multifamily homes. The review comments have been addressed.

Final Design –
Haymarket Lot 801
Sewer Extension
Approved

A motion was made by Mr. Schwab, seconded by Mrs. Bressler, to approve the Final Design – Haymarket Lot 801. Motion passed unanimously.

6.6 Selection of Auditor

Bids were received from seven firms to perform auditing services for the next three years. A sub-committee of the UAJA Board met on October 23, 2003 to review the proposals and formulate a recommendation to be presented to the whole Board. Several factors were considered by the committee including cost, relevant experience, and quality of presentation. The firm of Maher Duessel was unanimously chosen by the committee for recommendation pending reference checks to be done by staff. The reference summary is provided in your packet. Staff recommends that the auditing firm of Maher Duessel be approved to be appointed as the Authority auditor starting in January 2004.

Selection of Auditor
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Schwab, to approve the selection of Auditor as Maher Duessel to be appointed starting January 2004. Motion passed unanimously.

6.7 Resolution – Approving Third Supplemental Indenture Etc.

Resolution –
Approving Third
Supplemental
Indenture
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Klapac, to approve the Resolution – Approving Third Supplemental Indenture. Motion passed unanimously.

7. New Business

7.1 Draft 2004 Budget Discussion

Mr. Smith reviewed with the Board the proposed 2004 budget for their review. A workshop will be scheduled with the finance subcommittee early in December with final copy to be presented to the Board at the December 17th meeting for approval.

7.2 Resolution – Industrial Pretreatment Program Local Limits

Included in your packet is a resolution to adopt the new industrial pretreatment local limits. Once this resolution is adopted, the Centre Region municipalities will need to adopt the limits by ordinance.

Resolution – Industrial
Pretreatment Program
Local Limits
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Coe, to approve the Resolution – Industrial Pretreatment Program Local Limits. Motion passed unanimously.

7.3 Contract 2003-3 – Beneficial Reuse Transmission Main

On Friday, October 24, 2003 bids were opened for the Beneficial Reuse project transmission main. The apparent low bidder is Laurel Management Company from Johnstown, PA. As noted in the Engineer's report, HRG is in the process of reviewing their qualifications and contract documents. The contract is a unit price contract. Laurel's bid has an estimated cost of \$1,558,308.00.

Contract 2003-3-
Beneficial Reuse
Transmission Main
Approved

A motion was made by Mrs. Bressler, seconded by Mr. Coe, to award the contract to Laurel Management Company for an estimated cost of \$1558,308.00, and to authorize the executive director to execute the contract, contingent upon review of contract documents and posting of the contract bond. Motion passed unanimously.

7.3 Contract 2003-11 – Sodium Hypochlorite

On Wednesday, November 5, 2003 at 2 pm bids were opened for the purchase of Aluminum Sulfate and Sodium Hypochlorite for the period of January 1 through December 31, 2004. The bids that were submitted are as follows:

Sodium Hypochlorite (Contract #2003-11):

Univar	\$.91/gal
Brenntag	\$1.0598/gal (4+ drum order)
	\$1.0098/gal (6+ drum order)

Contract 2003-11 –
Sodium Hypochlorite
Approved

A motion was made by Mr. Dempsey, seconded by Mrs. Bressler, to award the bid for sodium Hypochlorite to Univar. Motion passed unanimously.

7.4 Contract 2003-12 – Aluminum Sulfate

On Wednesday, November 5, 2003 at 2 pm bids were opened for the purchase of Aluminum Sulfate and Sodium Hypochlorite for the period of January 1 through December 31, 2004. The bids that were submitted are as follows:

Aluminum Sulfate (Contract #2003-12)		
Univar		\$225.00/dry ton
General Chemical		\$154.50/dry ton

Contract 2003-12-
Aluminum Sulfate
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to award the bid for aluminum sulfate to General Chemical. Motion passed unanimously.

7.5 Change Order # 1-13, Beneficial Reuse Project

Change Order 1-13 is explained in detail in the engineer's report. The amount of the Change Order is a net increase of \$16,812.08 to Contract 1.

7.6 Change Order # 1-14, Beneficial Reuse Project

Change Order 1-14 is explained in detail in the engineer's report. The amount of the Change Order is a net increase of \$606,205.39 to Contract 1.

7.7 Change Order # 2-2, Beneficial Reuse Project

Change Order 2-2 is explained in detail in the engineer's report. The amount of the Change Order is a net increase of \$3,790.00 to Contract 2.

Change Orders 1-13,
1-14 and 2-2
Approved

A motion was made by Mr. Schmalz, seconded by Mrs. Bressler, to approve Change Orders 1-13, 1-14 and 2-2 as presented. Motion passed unanimously.

7.8 Requisitions

Construction Fund Stage 6-090	App. #17 Myers	\$1,563,079.32
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Construction Fund Stage 6-091	App. #8 Johnson	\$3591.00
Construction Fund Stage 6-092	App. #11 McCrossin	\$299,583.50
Construction Fund Stage 6-093	App. #15 Biter	\$180,618.73
Construction Fund Stage 6-094	App. #17 HRG-CM	\$21,115.06
Construction Fund Stage 6-095	App. #16 HRG-RPR	\$52,034.00
Construction Fund Stage 6-096	HRG-Bid Phase Eng	\$1362.63

Construction –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mr. Schmalz, to approve the Construction Requisitions as presented. Motion passed unanimously.

8. Other Business

Executive Session

A motion was made by Mrs. Bressler, seconded by Mr. Klapac, to adjourn to an executive session at 6:08 p.m. Motion passed unanimously.

Adjourn from
Executive Session

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to adjourn the executive session at 6:15 p.m. Motion passed unanimously.

Negotiation for Sale of
Property Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to proceed with the negotiations for the sale of the Pine Grove Mills property per the offer received from Mr. Ken Wasson. Motion passed unanimously.

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 6:16 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 – December 17, 2003

1. Call to Order

Mrs. Bressler called the regular scheduled meeting of the University Area Joint Authority to order at 4:12 p.m. on Wednesday, December 17, 2003. The meeting was held in the Board Room in the office of the Authority.

2. Roll Call

Messrs. Coe, Dempsey, Klapac, Lichty, Regan, Schmalz, Schwab and Mrs. Bressler were present. Also present were Cory Miller, Executive Director; Dave Smith, Assistant Executive Director; Steve Welch, Project Manager; Art Brant, Plant Superintendent; Dick Lahr, Collection System Superintendent; Brian Book and Doug Weikel, HRG; Scott Eters, Solicitor; Mark Whitfield, State College Borough; 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 19, 2003

The Board considered the UAJA minutes of the Regular Meeting held on November 19, 2003;

UAJA November 19, 2003 Meeting Minutes Approved
--

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to approve the minutes of the UAJA Regular Meeting held on November 19, 2003 as presented. The motion passed unanimously.

4. Public Comment Period

None

5. Reports of Officers

5.1 Financial Report

The Financial Report for the period ending November 2003 was presented to the Board for their review.

Mr. Smith informed the Board that the budgeted expenses and revenues are running close to the projections again with the exception of not receiving the PL 339 funds.

5.2 Chairman's Report

No report.

5.3 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 continues to operate well with one exception to our NPDES permit. We were out of compliance for Total Suspended Solids; over 10 mg/l as max week. This is due to the tertiary filters being off line. The DMR for November will reflect this violation. I am also keeping in contact with DEP on the progress of the filter replacement schedule. The 12-month rolling average flow for November was 5.35 mgd with the average for the month being 5.06 mgd.

John Sengle of DEP visited the facility on November 18th, 2003, for a routine inspection.

Treatment units on line are as follows: primary clarifiers #1, #2, and #3; aeration basins #1 and #2; secondary clarifiers' #1 and #2; and tertiary filters by-passed.

Plant Maintenance

Plant General

- The walls around the tertiary filters were repainted.
- Replaced power line between street light #2 and #3 going up the hill.
- Repaired lighting outside the Admin Bldg.

Primary Building

- Replaced the alternating relay for the Champion air compressors.

Dewatering

- The bearings for #2 WAS pump failed. Parts are on order.
- Installed a new chemical line for the odor control system.

Main Station

- It was discovered that pump #3 had a vibration. The contractor and HRG are investigating the cause and remedy.

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

5.4 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 – (1) Fairwood Ln. and (4) Lee Avenue

- (UA) Mainline Cleaning – (16) manholes inspected- 1908 feet cleaned)
- (UA) Mainline Repairs – (4) Lee Avenue
- (UA) Manhole Repairs – None
- (UA) Manhole Casting Repairs – (0)
- (FTA) Lateral Installations – None
- (FTA) Lateral Repairs – (3) Butternut Back-lot.
- (FTA) Mainline Cleaning – (0 manholes inspected- 0 feet cleaned)
- (FTA) Mainline Repairs – Butternut Back-lot completed.
- (FTA) Manhole Repairs – (2) Manhole #73 & Manhole #73A
- (FTA) Manhole Casting Repairs – (6)

We completed concrete and restoration work at lateral repair locations. The Butternut back-lot replacement is 100% completed. Installed gabion baskets at the creek behind the Piney Ridge station to stop the erosion. Worked on winterizing some of the equipment.

I/I Inspection (We TV'd 5187 ua/0 fta feet of mainline and inspected 33 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. Majority of time spent on construction crew.

Lift Station Maintenance

Routine maintenance and general housekeeping was completed and all stations are reported to be operating normally. We rebuilt one of the pumps at Kaywood, changed hour meters and a compressor at Shiloh Road, completed the parts inventory and finished preparing a troubleshooting guide for all stations.

Inspection

Preliminary As-builts Approved: None
Mainline Construction:

- a. Western Inner Loop – Sewer replacement is complete.
- b. Hillside Farms Offsight Extension - Construction is complete. Reviewing As-builts.
- c. Hillside Farms 2A – Construction is complete. As-builts are being reviewed.
- d. Valley Vista Park Phase 3 – As-builts have been received & are under review.
- e. Premier Theatre Sewer Relocation – As-builts have been received & are under review.
- f. Foxpointe Phase 4 – Construction is complete. Reviewing As-builts.
- g. Somerset Phase 2 – Construction is complete, TV'd and waiting for As-builts.
- h. Marywood(Hunterwood Way North) – Construction is complete. Reviewing As-builts.
- i. Mary Elizabeth St. Extension – As-builts have been submitted and are being reviewed.
- j. Tradition Point,ph2,sec1B – Construction is complete. Waiting for As-builts.
- k. Golden Orchards Estates – Construction is approximately 75% complete.
- l. Landings ph4,sec3 – Construction is approximately 65% complete.
- m. Haymarket Lot3RR Extension – Construction is complete.
- n. Sterns Crossing – Construction has started.

New Connections:

a.	Single-Family Residential	21	c.	Commercial	1	
b.	Multi-Family Residential	1	d.	Industrial	0	
					TOTAL	23

5.5 Construction Projects Report

The Construction Projects Report will be addressed under the Engineer’s Report.

5.6 Engineer’s Report

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

Beneficial Reuse

Design – Transmission Line Realignment

We have information from Laurel Management which is currently under review. We are holding the Notice to Proceed until we have a few of the outstanding easement issues resolved, but anticipate start of contract to be sometime in mid-January.

Construction Phase

We continue to perform Construction Administrative functions for the project including responding to RFI’s and processing submittals. Construction has progressed to where start-up of several units has begun. The College Harris Pump Station has been in operation since September and Centrifuge #1 has been operating for about one month. After the PLC/SCADA issues are resolved, the Aeration System control program is being installed and the associated sub-units tested. Aeration Tank #1 is scheduled to begin operation on January 6th.

We have attached the following Logs for your information.

1. *Application for Payment Log for Contracts 02-1, 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 has submitted to date as well as their status.
3. *Contract Drawdown Schedule:* The schedule is a comprehensive view of the all current contracts payment status.

We recommend approval of the following:

Change Orders:

Contract	Description	Subtotal	Total
General Constructi on	1. Secondary Clarifier #4 influent line tie-in to the existing change in location and pipe type.	\$ 16,945.11	\$ 34,981.55
	2. Demolition and disposal of HVAC ductwork within the existing Compost Building.	\$ 18,036.44	
		TOTAL	\$ 34,981.55

Reasons for Change Order Items:

Reason
1. Location and pipe type is different than shown on the Contract Drawings requiring a special pipe adapter.
2. HVAC ductwork demolition is not included in the General Contractor’s work.

As shown on the attached logs and schedules, the total approved Change Orders for all Contracts amount to \$716,928.08 (1.69% of the total contracts) of which the Tertiary Filter replacement represents 1.42%. The total approved Change Orders for Contract 02-1 is \$689,523.98 (2.07% of the total contract). CO 1-15 represents 0.11% of the contract price.

Applications for Payment:

Please note the following:

1. Recommended payment represents 90% to Continental Blower as required in the Procurement Documents.
2. We have recommended reducing the HVAC payment application by \$20,000 for demolition work in the compost building which the General Contractor completed and has filed a claim.

Contr. No.	Contract	Contractor	App No.	Amount
02-1	General Construction	Allan A. Myers, LP	18	\$ 605,154.83
02-3	HVAC	G.M. McCrossin, Inc.	12	\$ 77,250.20
02-4	Electrical	Bob Biter Electrical Enterprises, Inc.	16	\$ 309,925.32
2001-4	Aeration Equipment	Continental Blowers	3	\$ 30,251.10
				\$ 1,022,581.45

Resident Project Representative

We continue to support the Project providing Resident Project Representatives. Monthly Progress Report #19 is attached which describes the construction activities that occurred during the past month for your information.

Cluster’s Meter Pit Rehabilitation

The agreements have been executed and the notice to proceed given. We are working with your staff to coordinate the start-up meeting and respond to several Request for Information (RFI’s) forms submitted by G. M. McCrossin.

Plan Reviews

Project Name	Design/As-Built	Status	Date
Village of Penn State Phase 2, Section 1	Design	Comments to staff	11/3/03
Chestnut Ave. Extension – Centre Hills Village	Design	Approved	12/8/03
Mary Elizabeth Street	As-Built	Under Review	
Independence Place, Phase 2	Design	Comments to staff	10/14/03
Fourplex at Haymarket	Design	Approved	12/8/03
Boalsburg Investment Group	Design	Comments to staff	11/5/03
Hillside Farm Estates, 5B, 6, 7, & 8	Design	Comments to staff	9/24/03
Mount Nittany Terrace Ph 2	Design	Comments to staff	9/18/03
Independence Place, Phase 3&4	Design	Comments to staff	11/4/03
Hillside Farms Estates, Phase 2A	As-Built	Under Review	
Oakwood Parcel 7	Design	Approved	12/8/03
Premiere Theatre	As-Built	Comments to staff	10/14/03
Foxpointe Phase 4	As-Built	Comments to staff	12/8/03
Valley Vista Park Phase 3B	As-Built	Comments to staff	12/8/03
Hillside Offsite	As-Built	Under Review	
Hunter Wooded Way Phase C&D	As-Built	Comments to staff	12/8/03
Hillside Extended	As-Built	Under Review	

5.7 Executive Director’s Report

PL339 Reimbursement

The State has not yet made a decision on the budget. As of this report, the proposed budget includes funding for one-half of the PL339 reimbursements. This amount would be applied to the 2004 Budget (reimbursement for 2002). There is no indication that any funding will be available beyond the 2002 request.

Total Maximum Daily Limits

Information regarding TMDL is forthcoming from a conference that was held in Chicago last month that will help in the planning for this.

Water Conservation

The proposed 2004 budget includes \$15,000 for water conservation and the State College Borough Water Authority has also included these funds in their 2004 budget.

6. Old Business

6.1 Final Design – Mt. Nittany Terrace Phase II Sewer Extension

Final design drawings for the Mt. Nittany Terrace Phase II Sewer Extension (College Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

6.2 Final Design – Oakwood Parcel 7 Sewer Extension

Final design drawings for the Oakwood Parcel 7 Sewer Extension (Patton Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 72 EDU from multi-family homes. The review comments have been addressed.

Final Design –
Oakwood Parcel 7
Sewer Extension
Approved

A motion was made by Mr. Klapac, seconded by Mr. Dempsey, to approve the Final Design – Oakwood Parcel 7 Sewer Extension. Motion passed unanimously.

6.3 Final Design – Haymarket Lot 801 Sewer Extension

Final design drawings for the Haymarket Lot 801 Sewer Extension (Ferguson Township) were not received in time for review by staff and our consulting engineer for approval at the meeting.

6.4 Final Design – Cottonwood Avenue Sewer Extension

Final design drawings for the Cottonwood Avenue Sewer Extension (College Township) have been received and reviewed by staff and our consulting engineer. The proposed sewer will serve 14 EDU's from single family homes. The review comments have been addressed.

Final Design –
Cottonwood Avenue
Sewer Extension
Approved

A motion was made by Mr. Schwab, seconded by Mr. Coe, to approve the Final Design – Cottonwood Avenue Sewer Extension. Motion passed unanimously.

6.5 Selection of Property, Liability and Worker's Comp. Insurance Carrier

An extensive process to evaluate our Property and Worker's Comp. insurance coverage and costs is complete. Our broker, Dave Vonada, shopped our insurance needs with several carriers including our current carrier EMC. HDH Group, an insurance pool recommended by PMAA gave a quote of \$166,726. Harleysville Insurance quoted \$109,937 on the property but refused to quote on Worker's Comp. Our current carrier provided the best quote by far, \$126,247 for both.

Selection of Property,
Liability and Worker's
Comp. Insurance
Carrier Approved

A motion was made by Mr. Dempsey, seconded by Mr. Dempsey, to approve the renewal of EMC Insurance as the Authority's provider of Property, Liability, and Worker's Comp. insurance for the amount quoted for 2004, \$126,247. Motion passed unanimously.

6.6 Adoption of 2004 Budget

The second draft of the 2004 budget is included in the packet. In general, the proposed budget balances revenues and expenses. The elimination of the PL339 reimbursement program is overcome by increasing both the user rates and the tapping fees. Two positions have been eliminated by attrition.

A more detailed narrative will be provided at the meeting based on the discussions with the budget review committee which occurred earlier this week. Changes suggested by the committee have been included in the draft budget.

2004 Budget
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the 2004 Budget as presented. Motion passed unanimously.

6.7 Resolution Increasing Quarterly Rates and Borough Volume Rate

As has been mentioned several times over the past six months, it appears that the State PL339 reimbursement program will no longer be funded. UAJA is forced to make up this state imposed deficit by raising rates. Since the majority of the PL339 reimbursement is for construction that was built for existing customers, the only fair way to generate the required amount is to increase rates. A 14.71 percent increase is needed to make up the lost revenue. This raises the quarterly charge from \$68 per EDU to \$78 per EDU, and the volumetric charge to the Borough of State College from \$3,453 to \$3,960 per million gallons.

Resolution –
Increasing Quarterly
Rates and Borough
Volume Rate
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Regan, to approve the Resolution – raising the quarterly charge from \$68 per month to \$78 per quarter, and the volumetric rate charge to the Borough of State College from \$3,453 per million gallons to \$3,960 per million gallons effective with the first quarter billing of 2004. Motion passed unanimously.

6.8 Resolution Increasing the Tapping Fee

The anticipated PL339 amount for 2003 was \$752,611. Because the treatment plant is expanding, there are many new processes that had been expected to be eligible for PL339. Ultimately, the annual payment should have grown to \$1,308,519 by 2005 (the completion of the project). Over the next 20 years, UAJA would have received over \$26 million from this program. Obviously, the Governor’s action will have a significant impact on UAJA.

It has been UAJA’s goal to have existing customers pay for what they need, and growth pay for what they need. Since the existing \$752,611 supports existing customers, the loss of this amount should be recovered from the existing customers. In addition, 38 percent of the plant expansion is for upgrading the plant to meet the needs of current customers. Thus 38 percent of the future PL339 amount is also a burden to the existing customers. The remainder (62 percent of the increased amount) must be imposed on the new customers.

The difference between the old amount (\$752,611) and the new amount (\$1,308,519) is \$555,908. 62 percent of this difference is allocated to new customers (Based on the Centre Region Planning Agency growth projections, UAJA can expect an average of 520 EDU’s per year. This results in a \$662 increase in the tapping fee, bringing it to \$3,162 per EDU.

Resolution –
Increasing the Tapping
Fee
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Coe, to approve the Resolution – raising the tapping fee from \$2,500 per EDU to \$3,162 effective January 1, 2004. Motion passed unanimously.

7. New Business

7.1 Change Order # 1-15, Beneficial Reuse Project

Change Order 1-15 results from a pipe not being shown correctly on the record drawings from the last plant expansion (\$16,945.11). \$18,036.44 of this change order is to move work from contract 2 to contract 1. Consequently, there will be a deduction from contract 2 in the near future. The total amount of the Change Order is a net increase of \$34,981.55 to Contract 1.

Change Order 1-15
Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to approve Change Order 1-15 in the amount of \$34,981.55. Motion passed unanimously.

7.2 Requisitions

Construction Fund Stage 6-097	App. #18 Myers	\$605,154.83
Construction Fund Stage 6-098	App. #12 McCrossin	\$77250.20
Construction Fund Stage 6-099	App. #16 Biter	\$309925.32
Construction Fund Stage 6-100	App. #3 Continental	\$30,251.10
Construction Fund Stage 6-101	App. #18 HRG-CM	\$22,187.64
Construction Fund Stage 6-102	App. #17 HRG-RPR	\$66,273.36
Construction Fund Stage 6-103	HRG-Bid Phase Eng	\$4,879.47

Construction –
Requisitions
Approved

A motion was made by Mr. Coe, seconded by Mr. Schmalz, to approve the Construction Requisitions as presented. Motion passed unanimously.

Revenue Fund #75	Operation, Maintenance, and Debt Service	\$1,200,000
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Revenue Fund
Requisition #75
Approved

A motion was made by Mr. Schwab, seconded by Mr. Schmalz, to approve the Revenue Fund Requisition #75 as presented. Motion passed unanimously.

8. Other Business

January 2004 Meeting
Date Approved

A motion was made by Mr. Schmalz, seconded by Mr. Schwab, to hold the January 2004 on Wednesday, January 21, 2004 beginning at 4:00 p.m. in the Board Room in the office of the Authority. Motion passed unanimously.

9. Adjournment

There being no further business to come before the Board, the meeting adjourned at 5:15 p.m.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

DAVID D. COE
Assistant Secretary