

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

Regular Meeting – March 18, 2020

1. Call to Order

Mr. Lapinski, Chairman, called the meeting to order at 4:00 p.m., Wednesday, March 18, 2020. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Dietz, Guss, Lapinski, S. Miller; Cory Miller, Executive Director; Jason Brown, Project Manager and David Gaines, Solicitor. Those in attendance via conference call were: Messrs. Auman, Dempsey, Derr, Ebaugh, Nucciarone and Ben Burns, HRG Consulting Engineers.

Mr. Steve Miller was appointed by Ferguson Township Supervisors to fill the vacant position through the end of 2020.

2. Reading of the Minutes

UAJA Regular Meeting – February 19, 2020

**UAJA
Meeting Minutes
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. Dietz, to approve the minutes of the UAJA meeting held on February 19, 2020. The motion passed unanimously.

3. Public Comment

None

4. Old Business

4.1 Solar Phase 2 Project Update

The second phase solar array project is close to being ready for installation. Some things have changed since the project began. The changes do not affect the project budget, but they are significant enough to warrant a short presentation.

RETTEW will present the update at the April meeting.

4.2 Contract UAJA 2020-01 Sludge Storage Tank Modifications

Bids were received on March 12, 2020 for Contract 2020-01, Sludge Storage Tank Modifications. Five bids were received. The low bidder is 4M Construction Services, LLC. The bid tabulation is below.

4 M Construction Services LLC	\$39,250
Hickes Associates, Inc.	\$48,432
Derstine Company, LLC	\$48,800
JP Environmental, LLC	\$57,500

Greenland Construction, Inc.

\$65,050

**Contract UAJA 2020-01
Sludge Storage Tank
Modifications
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. Dietz, to award Contract 2020-01 to 4M Construction Services LLC in the amount of \$39,250. Motion passed unanimously.

4.3 Long Term Electricity Contract

UAJA's long term Electricity contract expires in December 2020. EMEX conducted an online reverse auction at 11:00 AM on March 18, 2020. As a result of the auction the low bidder was Constellation Energy with a rate of 0.03450 per kilowatt hour for a 48-month contract.

**Long Term Electricity
Contract
Approved**

A motion was made by Mr. Dietz, seconded by Mr. Guss, to approve the Long-Term Electricity Contract with Constellation Energy at a rate of 0.03450 for 48 months. The motion passed unanimously.

4.4 Contract 17-03 Global Heavy Corporation Change Proposal (Odor Control System)

A change proposal was submitted for Contract 17-03 (Global Heavy Construction). The change proposal includes extensions to five duct supports for exhaust ducts connecting the Compost Building to the Odor Control System. HRG will present an update at the April meeting.

Discuss and consideration of approval for the change proposal will be held at the April meeting.

4.5 Contract 17-04 Hayden Power Group Change Order #1 (Odor Control System)

Hayden Power Group has submitted a deductive change order in the amount of \$2,691.00 with no change to the contract time. The change includes the elimination of repairs to the ceiling foam coat impacted by the installation of conduit hangers in the Compost Building. UAJA completed the repairs using a different contractor already working to repair other areas of the ceiling.

**Contract 17-04 Hayden
Power Group Change
Order #1
Approved**

A motion was made by Mr. Nucciarone, seconded by Mr. Dempsey, to approve Contract 17-04 Hayden Power Group Change Order #1 (Odor Control System) for \$2,691.00. The motion passed unanimously.

4.6 Beneficial Reuse Service Area Draft Task Activity Report Comments

The Centre Region Planning Agency has collected 19 pages of comments for the Beneficial Reuse Service Area draft TAR. The comments were included in the agenda report. Due to the magnitude of comments, staff did not complete the draft response in time for including in the agenda report. A draft response will be emailed next week.

5. New Business

5.1 Requisitions

Construction Fund #203	Rettew ENR/AWT SCADA	\$15,757.04
Construction Fund #204	HRG Harris Reuse Engineering	\$2,325.00
Construction Fund #205	Hayden Power Group Odor Control Elec. Pay App. #12	\$4,865.90
Construction Fund #206	Global Heavy Corporation Odor Control Gen. Pay App. #17	\$47,547.50

TOTAL CONSTRUCTION FUND **\$70,495.44**

Requisitions Approved

A motion was made by Mr. Nucciarone, seconded by Mr. Dempsey, to approve the Construction Fund #203-206. The motion passed unanimously.

Requisitions Approved

A motion was made by Mr. Dietz, seconded by Mr. Guss, to release Pay Applications 15 & 16 to Global Heavy Corporation for a total of \$119,609.75 originally approved with Construction Fund Requisition # 194 (1/15/2020) and Construction Fund Requisition #202 (2/19/2020). The motion passed unanimously.

BRIF #408	HRG Shiloh Pump Station Replacement	\$5,393.00
BRIF #409	HRG Scott Road/Bristol 537 Study	\$1,600.00
BRIF #410	HRG Meeks Lane 537 Study	\$2,415.00
BRIF #411	Rettew Sludge Storage Tank Mixer Proj.	\$6,848.50
BRIF #412	Rettew GDK Instrumentation Project	\$18,049.05
TOTAL BRIF		\$34,305.55

**Requisitions
Approved**

A motion was made by Mr. Dempsey, seconded by Mr. Nucciarone, to approve the Bond Redemption and Improvement Fund #408-412. The motion passed unanimously.

6. Reports of Officers

6.1 SCBWA Liaison

None.

6.2 Financial Report

The different cost centers of the YTD budget report for the period ending February 29, 2020 was included in the meeting package for the Board's review.

6.3 Chairman's Report

No report.

6.4 Compost & Septage Operations Report

The following comments are as presented to the Board in the written report prepared by Jason Brown, Project Manager.

COMPOST PRODUCTION AND DISTRIBUTION

	Sep. 2019	Oct. 2019	Nov. 2019	Dec. 2019	Jan. 2020	Feb. 2020
Production	940 cu/yds.	1,190 cu/yds.	988 cu/yds.	1,188 cu/yds.	1,156 cu/yds.	983 cu/yds.
YTD. Production	4,843 cu/yds.	6,033 cu/yds.	7,021 cu/yds.	8,209 cu/yds.	1,156 cu/yds.	2,139 cu/yds.
Distribution	1,292 cu/yds.	861 cu/yds.	1,823 cu/yds.	328 cu/yds.	133 cu/yds.	1,391 cu/yds.
YTD. Distribution	5,182 cu/yds.	6,043 cu/yds.	7,866 cu/yds.	8,194 cu/yds.	133 cu/yds.	1,524 cu/yds.
Immediate Sale	1,909 cu/yds.	2,108 cu/yds.	1,475 cu/yds.	2,135 cu/yds.	3,177 cu/yds.	2,902 cu/yds.
Currently in Storage	2,849 cu/yds.	3,298 cu/yds.	2,463 cu/yds.	3,323 cu/yds.	4,333 cu/yds.	3,885 cu/yds.

SEPTAGE OPERATIONS

	Sep. 2019	Oct. 2019	Nov. 2019	Dec. 2019	Jan. 2020	Feb. 2020
Res./Comm.	20,730 gals.	19,200 gals.	17,150 gals.	4,050 gals.	7,800 gals.	4,550 gals.
CH/Potter	3,361.02 lbs/solids	5,204.16 lbs/solids	4,553.64 lbs/solids	4,374.33 lbs/solids	7,948.02 lbs/solids	5,066.55 lbs/solids
Port Matilda	1,317.72 lbs/solids	166.80 lbs/solids	767.28 lbs/solids	1,017.48 lbs/solids	1,551.24 lbs/solids	1,467.84 lbs/solids
Huston Twp.	834.00 lbs/solids	366.96 lbs/solids	650.52 lbs/solids	517.08 lbs/solids	483.72 lbs/solids	417.00 lbs/solids
Total Flow	60,230 gals.	61,700 gals.	63,650 gals.	51,550 gals.	87,800 gals.	62,550 gals.

6.5 Plant Superintendent's Report

The following comments are as presented to the Board in the written report prepared by Art Brant, Plant Superintendent.

Plant Operation

The treatment plant is operating well with no exceptions for the month of February 2020. The 12-month rolling average flow for February was 3.69mgd with the average for the month being 3.70mgd. The average monthly **influent** flow was 5.77mgd.

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

Below is the chart for Reuse Distribution and Temperature Data:

	Feb-20	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	21,000	51,000		
Centre Hills	0	0	Feb-20	Feb-20
Cintas	601,000	1,100,000	58.3	56.8
Red Line	445,000	911,000		
Uaja Wetland	2,287,000	8,553,000		
Wetland Vault	46,511,000	85,300,000		
Kissingers	2,944,000	4,247,000		
Stewarts/M.C.	2,000	4,000		
TOTAL	52,811,000	100,166,000		

Plant Maintenance

- Unplugged Main Station pumps.
- Changed oil in Continental Blowers #2 and #4.
- Rebuilt several Dezurik valve bonnets in Primary.
- Removed gate off Knight Mixer. Will be rebuilt and re-installed.
- Worked on Polymer System PLC and programming issues.
- Rebuilt Centrifuge #1 with assistance from Alfa Laval. Re-installed and are currently running it.
- Hauled chips as needed.
- CIP #1 RO unit.
- Rebuilt and replaced leaking piping on #2 MF.
- Changed oil in Atlas Copco compressor in AWT. Still having issues with dump valve and reported that to Rettew for warranty.
- Found air solenoid stuck on valve 1674 on RO #1. Was turned in under warranty.
- Constructing walkways between MF's to allow ease for the maintenance crew.

6.6 Collection System Superintendent's Report

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

MAINLINE MAINTENANCE:

New Construction – Greenbriar – Installed (1,350 ft) of mainline – (372 ft) of lateral pipe – (1) Air Release.

Harris Reuse Project – Installed (1,924 ft) of 12" main.

Mainline Televising – (4,566 ft) televised – (16) manholes inspected.
Mainline Repair – (1) 215 Pike Street.
Mainline Cleaning – (282ft) cleaned – (2) manholes inspected.
New Laterals installed – (2) – 375 Trout Rd. / Kennard Rd.
Equipment maintenance.

LIFT STATION MAINTENANCE:

Cleaned (12) lift station wet wells.
Replaced control board on generator at Big Hollow station.
Replaced block heater on generator at Ghaner station.
Routine maintenance.

NEXT MONTH PROJECTS:

Continue Greenbriar project.
Continue Harris Reuse project.
Cleaning wet wells.
Flushing mains.

INSPECTION:

Final As-Builts Approved: None

Mainline Construction:

- a. The Cottages at State College – Reviewing As-Builts.

New Connections:

a.	Single-Family Residential	14	c.	Commercial	1
b.	Multi-Family Residential	0	d.	Non-Residential	0
TOTAL					15

PA One-Calls Responded to 2/1-29/20: 230

6.7 Engineer's Report

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

Consulting Engineer Services

- The annual pump station capacity tables and sewer extension map were prepared for the Chapter 94 Report.
- HRG coordinated with the UAJA Project Manager to prepare and submit an application for the renewal of the Solid Waste Disposal and/or Processing Facility Permit.
- The annual inspection for Discharges of Stormwater Associated with Industrial Activities was completed and the forms were provided to the Plant Superintendent.
- A Consulting Engineer's Certificate was prepared in connection with the issuance of Bonds (Nineteenth Supplemental Indenture, February 24, 2020).

Odor Control System Upgrades

Contract Times								
Contract No.	Notice to Proceed	Contract Time	Substantial Completion Date	Days Used*	Days Remaining	Final Completion	Percent of Time Remaining	Time Used
17-03	9/4/2018	320	7/21/2019	561	-241	9/4/2019	0%	100%
17-04	9/4/2018	320	7/21/2019	561	-241	9/4/2019	0%	100%

*As of date of board meeting (3/18/2020).

- Partial start-up of the biofilter occurred on February 20th. Air ventilated from the Compost Building is passing through the biofilter, which is in the acclimation stage. Complete start-up is scheduled for the week of March 30th.
- Progress Meeting No. 18 was held on March 11, 2020. Minutes have been prepared.
- Applications for Payment submitted by the Contractors are summarized in the following table.

Applications for Payment submitted by the Contractors are summarized in the following table.

Applications for Payment						
Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	% Monetary Complete	Balance to Finish
17-03	17	\$47,547.50	\$8,358,000.00	\$8,326,215.00	99.6	\$448,095.75
17-04	12	\$4,865.90	\$587,890.00	\$584,790.00	99.5	\$32,339.50

- The Contracts are 241 days beyond the date of Substantial Completion. Liquidated Damages in the amount of \$313,300.00 (\$1,300/day x 241 days) have accrued. The Owner is entitled to impose a set-off against payment to the Contractor for liquidated damages that have accrued. If a set-off is imposed, immediate notification must be provided stating the reason. Additional discussion will be provided at the meeting. Any imposed off-sets are not reflected in the aforementioned table.
- A Change Proposal was submitted by Contract No. 17-03: General Construction (Global Heavy Corporation). The Change Proposal includes extensions to five duct supports for exhaust ducts connecting the Compost Building to the Biofilter and will be presented to the Authority Board at the meeting.
- Change Order No. 1 for Contract No. 17-04 to decrease the Contract Price by \$2,691.00 with no change to the Contract Times is recommended. The change includes the elimination of repairs to the ceiling foam coat impacted by the installation of conduit hangers in the Compost Building. The Authority completed the repairs using a different Contractor already working to repair other areas of the ceiling.

Shiloh Road Pump Station Upgrades (1178.0632)

- A meeting has held with College Township to review the drawings prior to the submission of the planning module and permit applications.

Extension of Beneficial Reuse Water to Harris Township

- Alignment stake-out is being coordinated with the UAJA construction crew.
- Permit amendments have been submitted to PennDOT and to the PA DEP to change three of the four highway/stream crossings from conventional bore installation to open cut. The HOP supplement has been issued. HRG has been responding to comments submitted by the PA DEP.
- Contract drawings have been revised to account for two contracts. There will be one contract for the conventional bore and one contract for the three open cut crossings.

Scott Road Pump Station and Bristol Interceptor – Act 537 Plan Special Study

- HRG is evaluating and addressing comments provided by Authority staff.

Meeks Lane Pump Station – Act 537 Plan Special Study

- HRG is working to complete the study.

Beneficial Reuse Service Area Designation – Act 537 Plan Special Study (1178.0666)

- The CPRA provided a list of questions and comments on the Draft Task Activity Report. HRG is coordinating with Authority staff to provide and review responses.

Developer Plan Reviews:

- The Developer's as-built drawings for The Yards at Old State (The Cottages) by Toll Brothers were recommended to Staff on February 25, 2020 (1178.0678).
- The Developer's design drawings for Harner Farm Subdivision Lots 1-4, Sanitary Design were received on March 3, 2020. The plans have been reviewed and corrections have been provided to the Developer's Engineer. This project will not be submitted to the Board for consideration until the April meeting (1178.0679).

6.8 Construction Report

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

General Services Items Completed for the Authority:

Pump Station SCADA Integration

- RETTEW is currently transitioning the pump stations from the old SCADA to the new SCADA network. Scenery Park, Outer Drive, Harris Drive, and Scott Road are in process.

WWTP NPDES Permit – Phosphorus Study

- Comments have been received from the PA DEP on the proposed Plan of Study, the majority relating to the data collection effort. A meeting will be held with the PA DEP in mid-April to review their comments and any revisions to the Plan of Study.

Sludge Storage Tank Mixer

- Bids were received March 12th. See separate correspondence for the Bid Results and Recommendations.

- The submittal for the Mixer has been received and is under review.

Aeration System Leaks

- Recent investigations have uncovered several significant leaks in the underground aeration piping between the Administration Building and the Aeration Tanks. We are preparing recommendations to address this air loss, which will lead to decreased operation of the aeration blowers.

Nutrient Credit Offsets – Solar Installation

- A meeting was held with the PA DEP on March 6th to review the Authority's request for approval of nutrient offsets generated by reductions in nitrous oxide emissions through the transition to solar power, and the PA DEP's subsequent denial. An update will be provided at the Board meeting.

ENR/AWT Upgrade Project

- The contractor for Contract UAJA 2017-06 (HRI) is in the process of completing all punchlist and warranty items.
- The contractor for Contract UAJA 2017-08 (Biter) has completed the work authorized under the final change order to repair the high voltage manhole. This contract is now complete.

Solar System (Phase I/II)

- The Interconnection Application has been submitted to First Energy/West Penn Power. RETTEW continues regulatory design packages (such as zoning and land development).
- Geophysical investigation field work for Phase II was completed the week of March 9th. The attached figure depicts the initial results of an electromagnetic terrain conductivity survey, which helps to identify areas that may include shallow rock.

6.9 Executive Director's Report

Mr. Miller updated the Board on the current office procedures. The office is closed to the public but is continuing to conduct business by have the customer drop off documents to the foyer, staff collecting and processing the document then contact the person to collect it from the foyer. Field workers are continuing as normal. Crews are approximately 5 employees each. Other office staff are reporting to work as usual since we have isolated the office. The scheduling of union members is being switched around to accommodate childcare conflicts.

7. Other Business **None**

8. Adjournment

The meeting was adjourned at 4:20 p.m. via motion. Mr. Dempsey moved, seconded by Mr. Dietz. Motion passed.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary9

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UNIVERSITY AREA JOINT AUTHORITY - LIVE
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 03

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
1040410 REVENUE-SEWER	-15,152,692	0	-15,152,692	51,593.39	.00	-15,204,285.39	-.3%
1040420 REVENUE-SOLIDS	-74,000	0	-74,000	-10,850.26	.00	-63,149.74	14.7%
1040425 REVENUE-BU WATER	-25,000	0	-25,000	-5,874.00	.00	-19,126.00	23.5%
1040430 MAINTENANCE	-56,631	0	-56,631	-68,150.66	.00	11,519.66	120.3%
1040440 REVENUE-PERMIT/TAP FEES	-1,297,027	0	-1,297,027	-818,282.63	.00	-478,744.37	63.1%
1040450 REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	-19,670.51	.00	-20,329.49	49.2%
1040451 REVENUE-MISC. REIMBURSEMENT	-127,358	0	-127,358	-1,591.58	.00	-125,766.42	1.2%
1040470 INTEREST EARNINGS-CASH ACCT	-1,790	0	-1,790	-382.78	.00	-1,407.22	21.4%
1040472 INTEREST EARNINGS-PLIGIT	-375	0	-375	-41.75	.00	-333.25	11.1%
1040474 INTEREST EARNINGS - TRUSTEE	-119,600	0	-119,600	-12,628.27	.00	-106,971.73	10.6%
1040480 REVENUES-MISCELLANEOUS	-85,400	0	-85,400	-13,108.26	.00	-72,291.74	15.3%
1045921 CIP-COLLECTION MAINT I&I	1,061,500	0	1,061,500	81,220.37	.00	980,279.63	7.7%
1045922 CIP-COLLECTION-CONST. EQUIP	68,300	0	68,300	60,096.35	.00	8,203.65	88.0%
1045924 CIP-WWTP-PHYSICAL PLANT	365,800	0	365,800	130,375.87	.00	235,424.13	35.6%
1045928 CIP-BENEFICIAL REUSE	1,223,000	0	1,223,000	88,631.41	.00	1,134,368.59	7.2%
1045929 CIP-WWTP-DEWATERING FACILIT	95,000	0	95,000	7,472.50	.00	87,527.50	7.9%
1045930 CIP-WWTP-COMPOST FACILITY	560,000	0	560,000	287,714.12	.00	272,285.88	51.4%
1050050 GENERAL & ADMINISTRATIVE	1,719,320	0	1,719,320	565,535.71	.00	1,153,784.29	32.9%
1050053 G & A - INFORMATION TECHNOL	71,000	0	71,000	2,291.07	.00	68,708.93	3.2%
1050054 G & A - FLEET/FUEL	160,500	0	160,500	45,543.17	.00	114,956.83	28.4%
1052052 DEBT SERVICE	6,373,458	0	6,373,458	93,017.25	.00	6,280,440.75	1.5%
1060019 WWTP - LABORATORY	303,620	0	303,620	85,109.09	.00	218,510.91	28.0%
1060022 TREATMENT PLANT MAINTENANCE	1,071,381	0	1,071,381	302,088.01	.00	769,292.99	28.2%
1060023 MAIN STATION	46,817	0	46,817	14,208.53	.00	32,608.47	30.3%
1060025 WWTP - IPP	111,987	0	111,987	29,150.14	.00	82,836.86	26.0%
1060028 WWTP - BENEFICIAL REUSE	795,430	0	795,430	223,854.68	.00	571,575.32	28.1%
1060029 WWTP - DEWATERING	402,847	0	402,847	85,676.28	.00	317,170.72	21.3%
1060030 WWTP - COMPOST	883,294	0	883,294	241,598.73	.00	641,695.27	27.4%
1060032 TREATMENT PLANT OPERATION	1,796,766	0	1,796,766	477,647.35	.00	1,319,118.65	26.6%
1070021 COLLECTION-MAINTENANCE	1,711,510	0	1,711,510	453,852.38	.00	1,257,657.62	26.5%
1070022 CONSTRUCT EQUIP MAINTENANCE	45,500	0	45,500	15,554.14	.00	29,945.86	34.2%
1070034 COLLECTION-INSPECTION	430,179	0	430,179	115,770.13	.00	314,408.87	26.9%
1070036 COLLECTION-PUMP STATION	135,250	0	135,250	60,146.82	.00	75,103.18	44.5%
TOTAL OPERATING FUND	2,452,586	0	2,452,586	2,567,566.79	.00	-114,980.79	104.7%
TOTAL REVENUES	-16,979,873	0	-16,979,873	-898,987.31	.00	-16,080,885.69	
TOTAL EXPENSES	19,432,459	0	19,432,459	3,466,554.10	.00	15,965,904.90	

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UNIVERSITY AREA JOINT AUTHORITY - LIVE
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 03

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
GRAND TOTAL	2,452,586	0	2,452,586	2,567,566.79	.00	-114,980.79	104.7%

** END OF REPORT - Generated by Kathleen Wheeler **

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UNIVERSITY AREA JOINT AUTHORITY - LIVE
YEAR-TO-DATE BUDGET REPORT

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FOR 2020 03

ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
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1040410 REVENUE-SEWER	<hr/>						
1040410 4101 UAJA TOTAL SEWER R	-10,324,496	0	-10,324,496	-21,661.26	.00	-10,302,834.74	.2%*
1040410 4102 BORO SEWER TOTAL R	-4,018,120	0	-4,018,120	.00	.00	-4,018,120.00	.0%*
1040410 4103 PGM TOTAL SEWER RE	-379,200	0	-379,200	-414.12	.00	-378,785.88	.1%*
1040410 4104 PSU TOTAL SEWER RE	-244,508	0	-244,508	46,004.77	.00	-290,512.77	-18.8%*
1040410 4105 SURCHARGES TOTAL R	-186,368	0	-186,368	27,664.00	.00	-214,032.00	-14.8%*
TOTAL REVENUE-SEWER	-15,152,692	0	-15,152,692	51,593.39	.00	-15,204,285.39	-.3%
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1040420 REVENUE-SOLIDS	<hr/>						
1040420 4201 N5001 NONTAXABLE	-45,000	0	-45,000	-4,470.00	.00	-40,530.00	9.9%*
1040420 4201 N5002 TAXABLE COMPO	-6,000	0	-6,000	-175.46	.00	-5,824.54	2.9%*
1040420 4203 SLUDGE DISPOSAL	-23,000	0	-23,000	-6,204.80	.00	-16,795.20	27.0%*
TOTAL REVENUE-SOLIDS	-74,000	0	-74,000	-10,850.26	.00	-63,149.74	14.7%
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1040425 REVENUE-BU WATER	<hr/>						
1040425 4251 REVENUE-BU WATER	-25,000	0	-25,000	-5,874.00	.00	-19,126.00	23.5%*
TOTAL REVENUE-BU WATER	-25,000	0	-25,000	-5,874.00	.00	-19,126.00	23.5%
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1040430 MAINTENANCE	<hr/>						
1040430 4301 REVENUE-MAINT BORO	-56,631	0	-56,631	-68,150.66	.00	11,519.66	120.3%
TOTAL MAINTENANCE	-56,631	0	-56,631	-68,150.66	.00	11,519.66	120.3%
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1040440 REVENUE-PERMIT/TAP FEES	<hr/>						
1040440 4401 PERMIT/CONNECTION	-22,050	0	-22,050	-17,400.00	.00	-4,650.00	78.9%*
1040440 4402 TAP FEE-TREATMENT	-1,196,800	0	-1,196,800	-730,296.81	.00	-466,503.19	61.0%*

1040472 INTEREST EARNINGS-PLIGIT

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
1040472 4703 PLIGIT-INTEREST EA	-30	0	-30	-5.10	.00	-24.90	17.0%*
1040472 4711 PLIGIT-EMMAUS-INTE	-200	0	-200	-5.69	.00	-194.31	2.8%*
1040472 4719 PLIGIT PLUS - INTE	-145	0	-145	-30.96	.00	-114.04	21.4%*
TOTAL INTEREST EARNINGS-PLIGIT	-375	0	-375	-41.75	.00	-333.25	11.1%
1040474 INTEREST EARNINGS - TRUSTEE							
1040474 4706 BOND REMP/IMP-INTE	-45,750	0	-45,750	-1,621.45	.00	-44,128.55	3.5%*
1040474 4707 BRIF/EMMAUS-INTE	-555	0	-555	-60.76	.00	-494.24	10.9%*
1040474 4724 INTEREST 93 DEBT S	-62,000	0	-62,000	157.39	.00	-62,157.39	-.3%*
1040474 4725 INT 93 OPERATING E	-3,000	0	-3,000	13.44	.00	-3,013.44	-.4%*
1040474 4726 INT 93 DEBT SERVIC	-4,320	0	-4,320	-6,523.35	.00	2,203.35	151.0%
1040474 4727 INT REVENUE FUND	-3,975	0	-3,975	-444.77	.00	-3,530.23	11.2%*
1040474 4732 2018 CONSTRUCTION	0	0	0	-4,148.77	.00	4,148.77	100.0%
TOTAL INTEREST EARNINGS - TRUSTEE	-119,600	0	-119,600	-12,628.27	.00	-106,971.73	10.6%
1040480 REVENUES-MISCELLANEOUS							
1040480 4899 MISCELLANEOUS RECE	-50,000	0	-50,000	-11,308.26	.00	-38,691.74	22.6%*
1040480 4902 MAYLIE FARM RENT	-5,400	0	-5,400	-1,800.00	.00	-3,600.00	33.3%*
1040480 4909 SOLAR MAINTENANCE	-30,000	0	-30,000	.00	.00	-30,000.00	.0%*
TOTAL REVENUES-MISCELLANEOUS	-85,400	0	-85,400	-13,108.26	.00	-72,291.74	15.3%
1045921 CIP-COLLECTION MAINT I&I							
1045921 0021 I & I COLLECTION	1,000	0	1,000	.00	.00	1,000.00	.0%
1045921 0021 6250 N ATHERTON PAD	150,000	0	150,000	.00	.00	150,000.00	.0%
1045921 0021 6268 PRINCETON BACK	20,000	0	20,000	.00	.00	20,000.00	.0%
1045921 0021 6271 SHILOH RELOCAT	413,000	0	413,000	.00	.00	413,000.00	.0%
1045921 0021 6272 GREENBRIAR ENG	100,000	0	100,000	35,931.37	.00	64,068.63	35.9%
1045921 5405 6235 GRAYSWOODS ENG	35,000	0	35,000	3,450.00	.00	31,550.00	9.9%
1045921 5405 6271 SHILOH RELOCAT	7,500	0	7,500	16,239.00	.00	-8,739.00	216.5%*
1045921 5405 6272 GREENBRIAR ENG	10,000	0	10,000	.00	.00	10,000.00	.0%
1045921 5405 6300 SCOTT ROAD UPG	175,000	0	175,000	25,600.00	.00	149,400.00	14.6%

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1045921 5405 6301 FUTURE SEPTIC	35,000	0	35,000	.00	.00	35,000.00	.0%
1045921 ER01 6271 SHILOH RELOCAT	5,000	0	5,000	.00	.00	5,000.00	.0%
1045921 PV01 6271 SHILOH TRENCH	25,000	0	25,000	.00	.00	25,000.00	.0%
1045921 PV01 6272 PAVING CONTRAC	35,000	0	35,000	.00	.00	35,000.00	.0%
1045921 PV02 6271 SHILOH BIKE PA	50,000	0	50,000	.00	.00	50,000.00	.0%
TOTAL CIP-COLLECTION MAINT I&I	1,061,500	0	1,061,500	81,220.37	.00	980,279.63	7.7%
1045922 CIP-COLLECTION-CONST. EQUIPM							
1045922 0021 6288 NEW COLLECTION	20,000	0	20,000	20,000.00	.00	.00	100.0%
1045922 0021 6289 NEW COLLECTION	15,900	0	15,900	16,402.86	.00	-502.86	103.2%*
1045922 0021 6290 NEW UNIT 4	15,900	0	15,900	16,393.49	.00	-493.49	103.1%*
1045922 0021 6302 BROOM SKID STE	7,500	0	7,500	7,300.00	.00	200.00	97.3%
1045922 0021 6303 LATERAL CAMERA	9,000	0	9,000	.00	.00	9,000.00	.0%
TOTAL CIP-COLLECTION-CONST. EQUIPM	68,300	0	68,300	60,096.35	.00	8,203.65	88.0%
1045924 CIP-WWTP-PHYSICAL PLANT							
1045924 0024 6256 ENR/AWT PROJEC	0	0	0	85,686.74	.00	-85,686.74	100.0%*
1045924 0024 6291 ENR/AWT SCADA	0	0	0	24,108.04	.00	-24,108.04	100.0%*
1045924 0024 6294 NEW TRUCK PLAN	15,300	0	15,300	15,300.00	.00	.00	100.0%
1045924 0024 6304 AERATION SYSTE	300,000	0	300,000	2,170.65	.00	297,829.35	.7%
1045924 0024 6305 SCISSORS LIFT	20,000	0	20,000	.00	.00	20,000.00	.0%
1045924 0024 6306 HEADWORKS HEAT	7,500	0	7,500	.00	.00	7,500.00	.0%
1045924 0024 6307 VFD'S DRAIN ST	23,000	0	23,000	.00	.00	23,000.00	.0%
1045924 5405 6256 ENR/AWT ENGINE	0	0	0	3,110.44	.00	-3,110.44	100.0%*
TOTAL CIP-WWTP-PHYSICAL PLANT	365,800	0	365,800	130,375.87	.00	235,424.13	35.6%
1045928 CIP-BENEFICIAL REUSE							
1045928 0028 6239 MF MEMBRANE RE	81,000	0	81,000	.00	.00	81,000.00	.0%
1045928 0028 6262 WATERLINE PH 2	1,000,000	0	1,000,000	42,182.54	.00	957,817.46	4.2%
1045928 0028 6299 GDK INSTRUMENT	0	0	0	28,359.62	.00	-28,359.62	100.0%*
1045928 0028 6308 AWT CHEMICAL P	12,000	0	12,000	.00	.00	12,000.00	.0%
1045928 5405 6261 WATERLINE PH 2	45,000	0	45,000	2,683.00	.00	42,317.00	6.0%

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1045928 ER05 6262 HARRIS REUSE T	85,000	0	85,000	15,406.25	.00	69,593.75	18.1%
TOTAL CIP-BENEFICIAL REUSE	1,223,000	0	1,223,000	88,631.41	.00	1,134,368.59	7.2%
1045929 CIP-WWTP-DEWATERING FACILITY							
1045929 0029 6309 BIG BERTHA MIX	95,000	0	95,000	7,472.50	.00	87,527.50	7.9%
TOTAL CIP-WWTP-DEWATERING FACILITY	95,000	0	95,000	7,472.50	.00	87,527.50	7.9%
1045930 CIP-WWTP-COMPOST FACILITY							
1045930 0030 6245 ODOR CONTROL	500,000	0	500,000	243,514.12	.00	256,485.88	48.7%
1045930 0030 6295 NEW COMPOST LO	40,000	0	40,000	40,000.00	.00	.00	100.0%
1045930 5405 6245 ODOR CONTROL E	20,000	0	20,000	4,200.00	.00	15,800.00	21.0%
TOTAL CIP-WWTP-COMPOST FACILITY	560,000	0	560,000	287,714.12	.00	272,285.88	51.4%
1050050 GENERAL & ADMINISTRATIVE							
1050050 5001 SUPERVISOR LABOR	263,347	0	263,347	59,957.40	.00	203,389.60	22.8%
1050050 5002 REGULAR LABOR	442,013	0	442,013	97,945.95	.00	344,067.05	22.2%
1050050 5006 VACATION	0	0	0	22,509.22	.00	-22,509.22	100.0%*
1050050 5007 SICK	0	0	0	32,027.13	.00	-32,027.13	100.0%*
1050050 5008 PERSONAL	0	0	0	3,162.21	.00	-3,162.21	100.0%*
1050050 5010 HOLIDAY	0	0	0	10,825.60	.00	-10,825.60	100.0%*
1050050 5101 FICA EXPENSE	43,733	0	43,733	11,436.70	.00	32,296.30	26.2%
1050050 5102 MEDICARE EXPENSE	10,228	0	10,228	2,674.79	.00	7,553.21	26.2%
1050050 5201 UNEMPLOYMENT EXPEN	19,000	0	19,000	644.75	.00	18,355.25	3.4%
1050050 5202 GROUP HEALTH INSUR	118,743	0	118,743	37,776.69	.00	80,966.31	31.8%
1050050 5203 PENSION (401) UAJA	70,536	0	70,536	18,013.40	.00	52,522.60	25.5%
1050050 5205 COBRA EMPLOYEE INS	6,300	0	6,300	145.53	.00	6,154.47	2.3%
1050050 5207 GROUP LIFE INSURAN	63,500	0	63,500	12,604.74	.00	50,895.26	19.8%
1050050 5208 HEALTH DEDUCTIBLE	175,000	0	175,000	37,579.18	.00	137,420.82	21.5%
1050050 5301 OFFICE SUPPLIES	15,000	0	15,000	5,340.04	.00	9,659.96	35.6%
1050050 5302 POSTAGE/SHIPPING	30,000	0	30,000	8,389.69	.00	21,610.31	28.0%
1050050 5303 JANITORIAL SUPPLIE	7,000	0	7,000	2,476.66	.00	4,523.34	35.4%
1050050 5307 PETTY CASH EXPENDI	200	0	200	23.31	.00	176.69	11.7%

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1050050 5401 ADVERTISING	3,000	0	3,000	634.62	.00	2,365.38	21.2%
1050050 5402 AUDIT	22,000	0	22,000	18,000.00	.00	4,000.00	81.8%
1050050 5403 6107 MAYLIE PROPERT	3,000	0	3,000	.00	.00	3,000.00	.0%
1050050 5405 ENGINEERING-RETAIN	15,000	0	15,000	1,990.00	.00	13,010.00	13.3%
1050050 5406 LEGAL	25,000	0	25,000	18,594.68	.00	6,405.32	74.4%
1050050 5408 INSURANCE - COMMER	253,000	0	253,000	118,829.00	.00	134,171.00	47.0%
1050050 5499 MISCELLANEOUS OUTS	15,000	0	15,000	4,587.45	.00	10,412.55	30.6%
1050050 5501 1054 O & M - COPIER	8,850	0	8,850	4,867.09	.00	3,982.91	55.0%
1050050 5601 COMMUNICATIONS	40,000	0	40,000	14,938.51	.00	25,061.49	37.3%
1050050 5701 TRAINING, SEMINARS	5,000	0	5,000	765.00	.00	4,235.00	15.3%
1050050 5702 MEMBERSHIPS, SUBSC	6,500	0	6,500	2,452.00	.00	4,048.00	37.7%
1050050 5703 UNIFORMS-BOOTS-GLO	18,000	0	18,000	7,087.14	.00	10,912.86	39.4%
1050050 5704 VACCINATIONS	3,000	0	3,000	.00	.00	3,000.00	.0%
1050050 5705 RECRUITING EXPENSE	100	0	100	.00	.00	100.00	.0%
1050050 5706 EMPLOYEE/EMPLOYER	1,000	0	1,000	996.61	.00	3.39	99.7%
1050050 5707 MEAL ALLOWANCE	500	0	500	.00	.00	500.00	.0%
1050050 5708 SAFETY EQUIPMENT	7,500	0	7,500	2,773.08	.00	4,726.92	37.0%
1050050 5709 SAFETY TRAINING	3,000	0	3,000	.00	.00	3,000.00	.0%
1050050 5710 DRUG/ALCOHOL TESTI	500	0	500	.00	.00	500.00	.0%
1050050 6006 MISCELLANEOUS EXPE	1,000	0	1,000	.00	.00	1,000.00	.0%
1050050 6007 BANK FEES/CHARGES	100	0	100	.00	.00	100.00	.0%
1050050 6008 BAD DEBT/WRITE OFF	100	0	100	.00	.00	100.00	.0%
1050050 6015 WATER-CTWA	5,000	0	5,000	2,666.38	.00	2,333.62	53.3%
1050050 6017 GARBAGE	10,000	0	10,000	2,821.16	.00	7,178.84	28.2%
1050050 6019 CNET	8,570	0	8,570	.00	.00	8,570.00	.0%
TOTAL GENERAL & ADMINISTRATIVE	1,719,320	0	1,719,320	565,535.71	.00	1,153,784.29	32.9%
1050053 G & A - INFORMATION TECHNOLOGY							
1050053 IT71 INTERNET SERVICE	5,000	0	5,000	855.25	.00	4,144.75	17.1%
1050053 IT72 HARDWARE-DATA PROC	5,000	0	5,000	.00	.00	5,000.00	.0%
1050053 IT73 SOFTWARE-DATA PROC	60,000	0	60,000	1,435.82	.00	58,564.18	2.4%
1050053 IT74 TRAINING-DATA PROC	1,000	0	1,000	.00	.00	1,000.00	.0%
TOTAL G & A - INFORMATION TECHNOLOGY	71,000	0	71,000	2,291.07	.00	68,708.93	3.2%
1050054 G & A - FLEET/FUEL							
1050054 5502 VEHICLE MAINTENANC	45,000	0	45,000	11,652.75	.00	33,347.25	25.9%

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1050054 5603 1006 GASOLINE.	49,500	0	49,500	10,617.34	.00	38,882.66	21.4%
1050054 5603 1008 DIESEL FUEL	66,000	0	66,000	23,273.08	.00	42,726.92	35.3%
TOTAL G & A - FLEET/FUEL	160,500	0	160,500	45,543.17	.00	114,956.83	28.4%
1052052 DEBT SERVICE							
1052052 5801 INTEREST PAID-1993	2,261,980	0	2,261,980	.00	.00	2,261,980.00	.0%
1052052 5802 INTEREST PAID - EM	5,000	0	5,000	93,017.25	.00	-88,017.25	1860.3%*
1052052 5901 PRINCIPAL PAID-199	4,003,000	0	4,003,000	.00	.00	4,003,000.00	.0%
1052052 5903 PRINCIPAL PAID-EMM	90,000	0	90,000	.00	.00	90,000.00	.0%
1052052 6106 TRUSTEE FEES EMMAU	1,800	0	1,800	.00	.00	1,800.00	.0%
1052052 6120 TRUSTEE FEE 12	1,778	0	1,778	.00	.00	1,778.00	.0%
1052052 6122 2015 TRUSTEE FEES	1,650	0	1,650	.00	.00	1,650.00	.0%
1052052 6123 TRUSTEE FEE 2016	1,650	0	1,650	.00	.00	1,650.00	.0%
1052052 6124 TRUSTEE FEE 2017	1,650	0	1,650	.00	.00	1,650.00	.0%
1052052 6125 TRUSTEE FESS 2017A	1,650	0	1,650	.00	.00	1,650.00	.0%
1052052 6126 TRUSTEE FEE 2017B	1,650	0	1,650	.00	.00	1,650.00	.0%
1052052 6127 TRUSTEE FEE 2018	1,650	0	1,650	.00	.00	1,650.00	.0%
TOTAL DEBT SERVICE	6,373,458	0	6,373,458	93,017.25	.00	6,280,440.75	1.5%
1060019 WWTP - LABORATORY							
1060019 5001 SUPERVISOR LABOR	79,088	0	79,088	20,451.21	.00	58,636.79	25.9%
1060019 5002 REGULAR LABOR	137,233	0	137,233	29,144.18	.00	108,088.82	21.2%
1060019 5003 OVERTIME LABOR	500	0	500	388.78	.00	111.22	77.8%
1060019 5006 VACATION	0	0	0	3,680.75	.00	-3,680.75	100.0%*
1060019 5007 SICK	0	0	0	1,315.39	.00	-1,315.39	100.0%*
1060019 5008 PERSONAL DAY	0	0	0	32.70	.00	-32.70	100.0%*
1060019 5009 JURY/CIVIL/VOLUNTE	0	0	0	583.17	.00	-583.17	100.0%*
1060019 5010 HOLIDAY	0	0	0	2,480.44	.00	-2,480.44	100.0%*
1060019 5101 FICA EXPENSE	13,442	0	13,442	3,671.78	.00	9,770.22	27.3%
1060019 5102 MEDICARE EXPENSE	3,144	0	3,144	858.95	.00	2,285.05	27.3%
1060019 5202 GROUP HEALTH INSUR	28,692	0	28,692	9,927.09	.00	18,764.91	34.6%
1060019 5203 PENSION (401) UAJA	14,771	0	14,771	3,968.53	.00	10,802.47	26.9%
1060019 5305 SMALL EQUIPMT/TOOL	250	0	250	.00	.00	250.00	.0%
1060019 5306 LAB SUPPLIES	23,000	0	23,000	8,606.12	.00	14,393.88	37.4%
1060019 5501 EQUIPMENT MAINTENA	3,500	0	3,500	.00	.00	3,500.00	.0%
TOTAL WWTP - LABORATORY	303,620	0	303,620	85,109.09	.00	218,510.91	28.0%

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<hr/>							
1060022 TREATMENT PLANT MAINTENANCE							
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1060022 5001 SUPERVISOR LABOR	36,895	0	36,895	9,200.81	.00	27,694.19	24.9%
1060022 5002 REGULAR LABOR	448,768	0	448,768	101,057.27	.00	347,710.73	22.5%
1060022 5003 OVERTIME LABOR	4,000	0	4,000	878.21	.00	3,121.79	22.0%
1060022 5006 VACATION	0	0	0	6,927.24	.00	-6,927.24	100.0%*
1060022 5007 SICK	0	0	0	3,853.11	.00	-3,853.11	100.0%*
1060022 5008 PERSONAL DAY	0	0	0	1,678.40	.00	-1,678.40	100.0%*
1060022 5009 JURY/CIVIL/VOLUNTE	0	0	0	746.98	.00	-746.98	100.0%*
1060022 5010 HOLIDAY	0	0	0	5,424.06	.00	-5,424.06	100.0%*
1060022 5101 FICA EXPENSE	30,111	0	30,111	8,233.80	.00	21,877.20	27.3%
1060022 5102 MEDICARE EXPENSE	7,042	0	7,042	1,925.61	.00	5,116.39	27.3%
1060022 5202 GROUP HEALTH INSUR	88,937	0	88,937	22,666.55	.00	66,270.45	25.5%
1060022 5203 PENSION (401) UAJA	26,128	0	26,128	6,308.55	.00	19,819.45	24.1%
1060022 5304 OPERATIONAL SUPPLI	5,500	0	5,500	16,681.62	.00	-11,181.62	303.3%*
1060022 5305 SMALL EQUIPMT/TOOL	14,000	0	14,000	7,137.03	.00	6,862.97	51.0%
1060022 5501 EQUIPMENT MAINTENA	190,000	0	190,000	28,257.85	.00	161,742.15	14.9%
1060022 5501 6174 SCADIA MAINT	40,000	0	40,000	27,836.57	.00	12,163.43	69.6%
1060022 5501 6175 UV MAINT	40,000	0	40,000	22,249.79	.00	17,750.21	55.6%
1060022 5501 6283 SOLAR MAINTENA	30,000	0	30,000	978.40	.00	29,021.60	3.3%
1060022 5503 BUILDING & GROUND	40,000	0	40,000	9,393.69	.00	30,606.31	23.5%
1060022 5508 GRIT REMOVAL-PLANT	20,000	0	20,000	9,369.07	.00	10,630.93	46.8%
1060022 5603 FUEL, OIL, LUBRICA	15,000	0	15,000	11,283.40	.00	3,716.60	75.2%
1060022 7511 LANDSCAPE	35,000	0	35,000	.00	.00	35,000.00	.0%
TOTAL TREATMENT PLANT MAINTENANCE	1,071,381	0	1,071,381	302,088.01	.00	769,292.99	28.2%
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1060023 MAIN STATION							
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1060023 5002 B5001 REGULAR LABOR	0	0	0	5,789.88	.00	-5,789.88	100.0%*
1060023 5101 B5001 FICA EXPENSE	0	0	0	359.02	.00	-359.02	100.0%*
1060023 5102 B5001 MEDICARE EXPE	0	0	0	83.97	.00	-83.97	100.0%*
1060023 5202 B5001 GROUP HEALTH	0	0	0	804.98	.00	-804.98	100.0%*
1060023 5203 B5001 PENSION (401)	0	0	0	284.68	.00	-284.68	100.0%*
1060023 5505 B5001 PUMP STATION	7,500	0	7,500	3,841.56	.00	3,658.44	51.2%
1060023 5602 B5001 O&M MAIN STAT	39,317	0	39,317	3,044.44	.00	36,272.56	7.7%
TOTAL MAIN STATION	46,817	0	46,817	14,208.53	.00	32,608.47	30.3%
<hr/>							
1060025 WWTP - IPP							
<hr/>							
1060025 5001 SUPERVISOR LABOR	79,088	0	79,088	20,434.17	.00	58,653.83	25.8%

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
1060025 5006 VACATION	0	0	0	291.54	.00	-291.54	100.0%*
1060025 5007 SICK	0	0	0	46.70	.00	-46.70	100.0%*
1060025 5010 HOLIDAY	0	0	0	396.28	.00	-396.28	100.0%*
1060025 5101 FICA EXPENSE	4,903	0	4,903	1,312.47	.00	3,590.53	26.8%
1060025 5102 MEDICARE EXPENSE	1,147	0	1,147	306.91	.00	840.09	26.8%
1060025 5202 GROUP HEALTH INSUR	14,740	0	14,740	4,245.11	.00	10,494.89	28.8%
1060025 5203 PENSION (401) UAJA	7,909	0	7,909	2,116.96	.00	5,792.04	26.8%
1060025 5305 SMALL EQUIPMT/TOOL	200	0	200	.00	.00	200.00	.0%
1060025 5410 ANALYSIS	3,500	0	3,500	.00	.00	3,500.00	.0%
1060025 5501 EQUIPMENT MAINTENA	500	0	500	.00	.00	500.00	.0%
TOTAL WWTP - IPP	111,987	0	111,987	29,150.14	.00	82,836.86	26.0%
1060028 WWTP - BENEFICIAL REUSE							
1060028 5001 SUPERVISOR LABOR	36,895	0	36,895	9,200.81	.00	27,694.19	24.9%
1060028 5006 VACATION	0	0	0	291.54	.00	-291.54	100.0%*
1060028 5007 SICK	0	0	0	46.70	.00	-46.70	100.0%*
1060028 5010 HOLIDAY	0	0	0	396.28	.00	-396.28	100.0%*
1060028 5101 FICA EXPENSE	2,287	0	2,287	615.97	.00	1,671.03	26.9%
1060028 5102 MEDICARE EXPENSE	535	0	535	144.02	.00	390.98	26.9%
1060028 5202 GROUP HEALTH INSUR	5,398	0	5,398	2,008.61	.00	3,389.39	37.2%
1060028 5203 PENSION (401) UAJA	3,690	0	3,690	993.60	.00	2,696.40	26.9%
1060028 5304 OPERATIONAL SUPPLI	15,000	0	15,000	10,190.24	.00	4,809.76	67.9%
1060028 5304 1065 OPERATIONAL SU	325,000	0	325,000	103,182.51	.00	221,817.49	31.7%
1060028 5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	.00	.00	1,000.00	.0%
1060028 5410 LAB ANALYSIS	15,000	0	15,000	3,045.41	.00	11,954.59	20.3%
1060028 5501 EQUIPMENT MAINTENA	125,000	0	125,000	31,073.73	.00	93,926.27	24.9%
1060028 5602 1064 POWER	200,625	0	200,625	47,373.83	.00	153,251.17	23.6%
1060028 5605 CTWA REIMBURSE	65,000	0	65,000	15,291.43	.00	49,708.57	23.5%
TOTAL WWTP - BENEFICIAL REUSE	795,430	0	795,430	223,854.68	.00	571,575.32	28.1%
1060029 WWTP - DEWATERING							
1060029 5001 SUPERVISOR LABOR	36,895	0	36,895	9,198.72	.00	27,696.28	24.9%
1060029 5002 REGULAR LABOR	114,000	0	114,000	13,510.64	.00	100,489.36	11.9%
1060029 5003 OVERTIME LABOR	2,000	0	2,000	660.35	.00	1,339.65	33.0%
1060029 5006 VACATION	0	0	0	1,991.76	.00	-1,991.76	100.0%*
1060029 5007 SICK	0	0	0	137.78	.00	-137.78	100.0%*

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
1060029 5008 PERSONAL	0	0	0	728.67	.00	-728.67	100.0%*
1060029 5010 HOLIDAY	0	0	0	1,367.84	.00	-1,367.84	100.0%*
1060029 5101 FICA EXPENSE	9,479	0	9,479	1,739.17	.00	7,739.83	18.3%
1060029 5102 MEDICARE EXPENSE	2,217	0	2,217	406.75	.00	1,810.25	18.3%
1060029 5202 GROUP HEALTH INSUR	27,412	0	27,412	4,257.72	.00	23,154.28	15.5%
1060029 5203 PENSION (401) UAJA	9,390	0	9,390	1,843.47	.00	7,546.53	19.6%
1060029 5304 OPERATIONAL SUPPLI	500	0	500	8.47	.00	491.53	1.7%
1060029 5304 1036 POLYMER	53,000	0	53,000	18,400.00	.00	34,600.00	34.7%
1060029 5501 EQUIPMENT MAINTENA	75,000	0	75,000	9,891.39	.00	65,108.61	13.2%
1060029 5602 1042 POWER-DEWATERI	72,954	0	72,954	21,533.55	.00	51,420.45	29.5%
TOTAL WWTP - DEWATERING	402,847	0	402,847	85,676.28	.00	317,170.72	21.3%
1060030 WWTP - COMPOST							
1060030 5001 SUPERVISOR LABOR	36,895	0	36,895	9,198.72	.00	27,696.28	24.9%
1060030 5002 REGULAR LABOR	256,590	0	256,590	57,540.72	.00	199,049.28	22.4%
1060030 5003 OVERTIME LABOR	7,500	0	7,500	6,877.52	.00	622.48	91.7%
1060030 5006 VACATION	0	0	0	3,191.57	.00	-3,191.57	100.0%*
1060030 5007 SICK	0	0	0	2,727.30	.00	-2,727.30	100.0%*
1060030 5008 PERSONAL	0	0	0	806.30	.00	-806.30	100.0%*
1060030 5009 JURY/CIVIL/VOLUNTE	0	0	0	261.56	.00	-261.56	100.0%*
1060030 5010 HOLIDAY	0	0	0	4,286.52	.00	-4,286.52	100.0%*
1060030 5101 FICA EXPENSE	18,661	0	18,661	5,263.14	.00	13,397.86	28.2%
1060030 5102 MEDICARE EXPENSE	4,365	0	4,365	1,230.91	.00	3,134.09	28.2%
1060030 5202 GROUP HEALTH INSUR	63,102	0	63,102	20,332.51	.00	42,769.49	32.2%
1060030 5203 PENSION (401) UAJA	16,519	0	16,519	4,446.23	.00	12,072.77	26.9%
1060030 5304 OPERATIONAL SUPPLI	1,000	0	1,000	1,106.10	.00	-106.10	110.6%*
1060030 5304 1038 COMPOST AMEND	120,000	0	120,000	16,225.00	.00	103,775.00	13.5%
1060030 5305 SMALL EQUIPMT/TOOL	2,500	0	2,500	580.53	.00	1,919.47	23.2%
1060030 5409 LICENSE & FEES	5,500	0	5,500	274.95	.00	5,225.05	5.0%
1060030 5410 LAB ANALYSIS	11,500	0	11,500	2,120.00	.00	9,380.00	18.4%
1060030 5413 MARKETING	1,000	0	1,000	.00	.00	1,000.00	.0%
1060030 5415 VECTOR CONTROL	5,843	0	5,843	5,842.59	.00	.41	100.0%
1060030 5501 EQUIPMENT MAINTENA	50,000	0	50,000	447.73	.00	49,552.27	.9%
1060030 5506 1032 SKID STEER 184	5,000	0	5,000	.00	.00	5,000.00	.0%
1060030 5506 1055 STREET SWEEPER	4,000	0	4,000	172.79	.00	3,827.21	4.3%
1060030 5506 1062 CAT SKID STEER	5,000	0	5,000	1,984.93	.00	3,015.07	39.7%
1060030 5506 1071 LOADER MAINT 6	10,000	0	10,000	810.80	.00	9,189.20	8.1%
1060030 5506 1072 TROMMEL	7,000	0	7,000	406.35	.00	6,593.65	5.8%
1060030 5602 1041 POWER-COMPOST	131,319	0	131,319	38,760.38	.00	92,558.62	29.5%
1060030 5603 1007 NATURAL GAS -	120,000	0	120,000	56,703.58	.00	63,296.42	47.3%

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
TOTAL WWTP - COMPOST	883,294	0	883,294	241,598.73	.00	641,695.27	27.4%
1060032 TREATMENT PLANT OPERATION							
1060032 5001 SUPERVISOR LABOR	36,895	0	36,895	9,198.72	.00	27,696.28	24.9%
1060032 5002 REGULAR LABOR	627,336	0	627,336	143,546.32	.00	483,789.68	22.9%
1060032 5003 OVERTIME LABOR	60,000	0	60,000	11,164.22	.00	48,835.78	18.6%
1060032 5004 SHIFT LABOR	12,000	0	12,000	3,143.52	.00	8,856.48	26.2%
1060032 5006 VACATION	0	0	0	7,037.12	.00	-7,037.12	100.0%*
1060032 5007 SICK	0	0	0	6,588.90	.00	-6,588.90	100.0%*
1060032 5008 PERSONAL DAY	0	0	0	2,088.08	.00	-2,088.08	100.0%*
1060032 5010 HOLIDAY	0	0	0	9,809.54	.00	-9,809.54	100.0%*
1060032 5101 FICA EXPENSE	45,646	0	45,646	12,033.44	.00	33,612.56	26.4%
1060032 5102 MEDICARE EXPENSE	10,675	0	10,675	2,814.28	.00	7,860.72	26.4%
1060032 5202 GROUP HEALTH INSUR	145,634	0	145,634	43,768.21	.00	101,865.79	30.1%
1060032 5203 PENSION (401) UAJA	35,057	0	35,057	7,671.40	.00	27,385.60	21.9%
1060032 5304 OPERATION SUPPLIES	500	0	500	-125.00	.00	625.00	-25.0%
1060032 5304 1034 ALUM	160,000	0	160,000	60,815.31	.00	99,184.69	38.0%
1060032 5304 1070 CARBON SUPPLEM	225,000	0	225,000	19,981.85	.00	205,018.15	8.9%
1060032 5405 1053 STREAM MONITOR	14,250	0	14,250	14,250.00	.00	.00	100.0%
1060032 5409 LICENSE & FEES	9,000	0	9,000	.00	.00	9,000.00	.0%
1060032 5410 ANALYSIS	10,000	0	10,000	9,733.15	.00	266.85	97.3%
1060032 5499 MISCELLANEOUS OUTS	40,000	0	40,000	6,460.50	.00	33,539.50	16.2%
1060032 5602 1043 POWER-PLANT	364,773	0	364,773	107,667.79	.00	257,105.21	29.5%
TOTAL TREATMENT PLANT OPERATION	1,796,766	0	1,796,766	477,647.35	.00	1,319,118.65	26.6%
1070021 COLLECTION-MAINTENANCE							
1070021 5001 SUPERVISOR LABOR	130,130	0	130,130	29,719.17	.00	100,410.83	22.8%
1070021 5002 REGULAR LABOR	973,383	0	973,383	21,645.29	.00	951,737.71	2.2%
1070021 5002 6172 REGULAR LABOR	0	0	0	21,668.13	.00	-21,668.13	100.0%*
1070021 5002 6262 WATERLINE PH 2	0	0	0	85,093.14	.00	-85,093.14	100.0%*
1070021 5002 6272 REGULAR LABOR	0	0	0	86,243.29	.00	-86,243.29	100.0%*
1070021 5002 B5002 REGULAR LABOR	0	0	0	1,909.34	.00	-1,909.34	100.0%*
1070021 5002 B5003 REGULAR LABOR	0	0	0	1,909.34	.00	-1,909.34	100.0%*
1070021 5002 B5004 REGULAR LABOR	0	0	0	1,909.34	.00	-1,909.34	100.0%*
1070021 5002 B5462 375 TROUT ROA	0	0	0	1,138.06	.00	-1,138.06	100.0%*
1070021 5002 B5463 KENNARD RD 25	0	0	0	1,138.04	.00	-1,138.04	100.0%*

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
1070021 5003 OVERTIME LABOR	15,000	0	15,000	4,480.11	.00	10,519.89	29.9%
1070021 5003 6172 OVERTIME LABOR	0	0	0	68.20	.00	-68.20	100.0%*
1070021 5003 6262 WATERLINE PH 2	0	0	0	42.93	.00	-42.93	100.0%*
1070021 5003 6272 OVERTIME LABOR	0	0	0	206.09	.00	-206.09	100.0%*
1070021 5006 VACATION	0	0	0	15,021.16	.00	-15,021.16	100.0%*
1070021 5007 SICK	0	0	0	8,729.64	.00	-8,729.64	100.0%*
1070021 5008 PERSONAL	0	0	0	4,200.56	.00	-4,200.56	100.0%*
1070021 5009 JURY/CIVIL/VOLUNTE	0	0	0	945.48	.00	-945.48	100.0%*
1070021 5010 HOLIDAY	0	0	0	18,876.93	.00	-18,876.93	100.0%*
1070021 5101 FICA EXPENSE	68,418	0	68,418	17,760.28	.00	50,657.72	26.0%
1070021 5101 6172 FICA EXPENSE	0	0	0	1,347.65	.00	-1,347.65	100.0%*
1070021 5102 MEDICARE EXPENSE	16,001	0	16,001	4,153.56	.00	11,847.44	26.0%
1070021 5102 6172 MEDICARE EXPEN	0	0	0	315.17	.00	-315.17	100.0%*
1070021 5202 GROUP HEALTH INSUR	287,396	0	287,396	80,784.22	.00	206,611.78	28.1%
1070021 5202 6172 GROUP HEALTH I	0	0	0	7,017.17	.00	-7,017.17	100.0%*
1070021 5203 PENSION (401) UAJA	61,682	0	61,682	13,124.55	.00	48,557.45	21.3%
1070021 5203 6172 PENSION (401)	0	0	0	690.12	.00	-690.12	100.0%*
1070021 5304 OPERATION SUPPLIES	0	0	0	53.50	.00	-53.50	100.0%*
1070021 5305 SMALL EQUIPMT/TOOL	16,000	0	16,000	2,418.04	.00	13,581.96	15.1%
1070021 5504 SEWER LINE MAINTEN	120,000	0	120,000	20,274.98	.00	99,725.02	16.9%
1070021 ER01 RENTAL OF EQUIPMEN	1,000	0	1,000	.00	.00	1,000.00	.0%
1070021 ER14 RENTAL LOWBOY	2,500	0	2,500	968.90	.00	1,531.10	38.8%
1070021 PV01 TRENCH PAVING-CONT	20,000	0	20,000	.00	.00	20,000.00	.0%
TOTAL COLLECTION-MAINTENANCE	1,711,510	0	1,711,510	453,852.38	.00	1,257,657.62	26.5%
1070022 CONSTRUCT EQUIP MAINTENANCE							
1070022 5501 SMALL EQUIPMENT MA	5,500	0	5,500	744.66	.00	4,755.34	13.5%
1070022 5506 LG. CONSTRC. EQUIP	40,000	0	40,000	14,809.48	.00	25,190.52	37.0%
TOTAL CONSTRUCT EQUIP MAINTENANCE	45,500	0	45,500	15,554.14	.00	29,945.86	34.2%
1070034 COLLECTION-INSPECTION							
1070034 5001 SUPERVISOR LABOR	130,130	0	130,130	29,719.27	.00	100,410.73	22.8%
1070034 5002 REGULAR LABOR	203,504	0	203,504	41,719.02	.00	161,784.98	20.5%
1070034 5002 B5026 GRAYSWOODS	0	0	0	1,508.75	.00	-1,508.75	100.0%*
1070034 5002 B5422 REGULAR LABOR	0	0	0	793.75	.00	-793.75	100.0%*
1070034 5003 OVERTIME LABOR	10,000	0	10,000	3,344.61	.00	6,655.39	33.4%

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ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
1070034 5006 VACATION	0	0	0	6,193.99	.00	-6,193.99	100.0%*
1070034 5007 SICK	0	0	0	677.99	.00	-677.99	100.0%*
1070034 5008 PERSONAL	0	0	0	1,019.49	.00	-1,019.49	100.0%*
1070034 5010 HOLIDAY	0	0	0	3,851.81	.00	-3,851.81	100.0%*
1070034 5101 FICA EXPENSE	20,685	0	20,685	5,563.99	.00	15,121.01	26.9%
1070034 5102 MEDICARE EXPENSE	4,838	0	4,838	1,301.28	.00	3,536.72	26.9%
1070034 5202 GROUP HEALTH INSUR	35,834	0	35,834	10,328.91	.00	25,505.09	28.8%
1070034 5203 PENSION (401) UAJA	23,188	0	23,188	5,835.25	.00	17,352.75	25.2%
1070034 5304 OPERATIONAL SUPPLI	1,500	0	1,500	119.00	.00	1,381.00	7.9%
1070034 5305 SMALL EQUIPMT/TOOL	500	0	500	.00	.00	500.00	.0%
1070034 5507 SEWER LINE INSPEC/	0	0	0	555.77	.00	-555.77	100.0%*
1070034 5507 B5192 VILLAGE AT PE	0	0	0	933.10	.00	-933.10	100.0%*
1070034 5507 B5444 INSPECTION EN	0	0	0	1,026.25	.00	-1,026.25	100.0%*
1070034 5507 B5460 MORNINGSIDE @	0	0	0	627.05	.00	-627.05	100.0%*
1070034 5507 B5464 RHODES LANE	0	0	0	650.85	.00	-650.85	100.0%*
TOTAL COLLECTION-INSPECTION	430,179	0	430,179	115,770.13	.00	314,408.87	26.9%
1070036 COLLECTION-PUMP STATION							
1070036 5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	.00	.00	1,000.00	.0%
1070036 5501 EQUIPMENT MAINTENA	12,000	0	12,000	14,031.69	.00	-2,031.69	116.9%*
1070036 5505 O & M PUMP STATION	70,000	0	70,000	25,223.20	.00	44,776.80	36.0%
1070036 5505 B5002 O & M CLASTER	200	0	200	.00	.00	200.00	.0%
1070036 5505 B5003 O & M NORTH M	200	0	200	.00	.00	200.00	.0%
1070036 5505 B5004 O & M SOUTH M	200	0	200	.00	.00	200.00	.0%
1070036 5602 POWER	50,000	0	50,000	20,462.87	.00	29,537.13	40.9%
1070036 5602 B5002 POWER-CLASTER	500	0	500	116.61	.00	383.39	23.3%
1070036 5602 B5004 POWER-SOUTH M	150	0	150	90.98	.00	59.02	60.7%
1070036 5603 PUMP STATION PROPA	1,000	0	1,000	221.47	.00	778.53	22.1%
TOTAL COLLECTION-PUMP STATION	135,250	0	135,250	60,146.82	.00	75,103.18	44.5%
TOTAL OPERATING FUND	2,452,586	0	2,452,586	2,567,566.79	.00	-114,980.79	104.7%
TOTAL REVENUES	-16,979,873	0	-16,979,873	-898,987.31	.00	-16,080,885.69	
TOTAL EXPENSES	19,432,459	0	19,432,459	3,466,554.10	.00	15,965,904.90	



To: UAJA Board
From: Jason Brown
Re: Financial Report - End of March 2020

Cash Accounts

General Checking	\$358,538.39
Payroll Checking	\$6,987.18
PLIGIT Checking	\$1,518.75
Petty Cash	\$79.78

Revenue Fund Accounts

Revenue Sweep	\$23,134.66
Revenue Trustee	\$2,715,262.88

Savings Accounts

PLIGIT Plus	\$8,468.60
93 BRIF	\$8,443,985.02
Emmaus BRIF	\$217,080.66

TOTAL LIQUID ASSETS

\$11,785,279.62

Dedicated Accounts

PLIGIT Emmaus	\$558.12
2012 DSF	\$5,998.97
2015 DSF	\$3,977.68
2016 DSF	\$72,064.39
2017 DSF	\$145,218.25
2017A DSF	\$40,779.65
2017 B & C DSF	\$507,146.12
2018 DSF	\$208,505.71
2020 DSF	\$50,259.38
2018 Construction Fund	\$935,548.18

TOTAL DEDICATED ASSETS

\$1,970,056.45

Restricted Accounts

93 Oper. Expense Reserve	\$300,895.59
93 Debt Service Reserve	\$6,361,631.63

\$6,662,527.22

Receivables Outstanding (4th quarter 2019)

UAJA Sewer	\$61,839.84
UAJA Surcharge	\$0.00
Borough Sewer	\$0.00
PGM Sewer	\$6,613.89
PSU Sewer	\$0.00

TOTAL OUTSTANDING

\$68,453.73



UNIVERSITY AREA JOINT AUTHORITY

1576 Spring Valley Road
State College, PA 16801

COMPOST & SEPTAGE OPERATIONS REPORT
March, 2020
Jason D. Brown, Project Manager

COMPOST PRODUCTION AND DISTRIBUTION

	<u>Oct. 2019</u>	<u>Nov. 2019</u>	<u>Dec. 2019</u>	<u>Jan. 2020</u>	<u>Feb. 2020</u>	<u>Mar. 2020</u>
Production	1,190 cu/yds.	988 cu/yds.	1,188 cu/yds.	1,156 cu/yds.	983 cu/yds.	1,202 cu/yds.
YTD. Production	6,033 cu/yds.	7,021 cu/yds.	8,209 cu/yds.	1,156 cu/yds.	2,139 cu/yds.	3,341 cu/yds.
Distribution	861 cu/yds.	1,823 cu/yds.	328 cu/yds.	133 cu/yds.	1,391 cu/yds.	371 cu/yds.
YTD. Distribution	6,043 cu/yds.	7,866 cu/yds.	8,194 cu/yds.	133 cu/yds.	1,524 cu/yds.	1,895 cu/yds.
Immediate Sale	2,108 cu/yds.	1,475 cu/yds.	2,135 cu/yds.	3,177 cu/yds.	2,902 cu/yds.	3,554 cu/yds.
Currently in Storage	3,298 cu/yds.	2,463 cu/yds.	3,323 cu/yds.	4,333 cu/yds.	3,885 cu/yds.	4,756 cu/yds.

SEPTAGE OPERATIONS

	<u>Oct. 2019</u>	<u>Nov. 2019</u>	<u>Dec. 2019</u>	<u>Jan. 2020</u>	<u>Feb. 2020</u>	<u>Mar. 2020</u>
Res./Comm.	19,200 gals.	17,150 gals.	4,050 gals.	7,800 gals.	4,550 gals.	7,500 gals.
CH/Potter	5,204.16 lbs/solids	4,553.64 lbs/solids	4,374.33 lbs/solids	7,948.02 lbs/solids	5,066.55 lbs/solids	4,674.57 lbs/solids
Port Matilda	166.80 lbs/solids	767.28 lbs/solids	1,017.48 lbs/solids	1,551.24 lbs/solids	1,467.84 lbs/solids	1,551.24 lbs/solids
Huston Twp.	366.96 lbs/solids	650.52 lbs/solids	517.08 lbs/solids	483.72 lbs/solids	417.00 lbs/solids	617.16 lbs/solids
Total Flow	61,700 gals.	63,650 gals.	51,550 gals.	87,800 gals.	62,550 gals.	64,500 gals.

I am available to answer any questions you may have concerning the operation of the compost or septage receival facility.



SUPERINTENDENT'S REPORT

April 9, 2020
Arthur G. Brant

PLANT OPERATION

The treatment plant is operating well with no exceptions for the month of March 2020. The 12-month rolling average flow for March was 3.54mgd with the average for the month being 3.29mgd. The average monthly **influent** flow was 5.16mgd.

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

Below is the chart for Reuse Distribution and Temperature Data:

	Mar-20	YTD	Plant Effl. Temp	Wetland Effl. Temp.
Best Western	10,000	61,000		
Centre Hills	0	0	Mar-20	Mar-20
Cintas	481,000	1,581,000	55.8	55.9
Red Line	318,000	1,229,000		
Uaja Wetland	2,095,000	10,648,000		
GDK Vault	43,544,000	128,844,000		
Kissingers	1,522,000	5,769,000		
Stewarts/M.C.	4,000	8,000		
TOTAL	49,974,000	148,140,000		

PLANT MAINTENANCE

- Replaced wear shoes on Primary flights in Tanks #1,3, and 4.
- Rebuilt and installed RAS Pump #1.
- Rebuilt several Dezurik valve bonnets in Primary.
- Installed Secondary weir brushes.
- Working on bulb and ballast replacement on the Effluent U.V. System.
- Changed filters and oil on the Trommel Screen.
- Replaced two thermal couplers in Bay 11.
- Cleaned and greased transfer fans at Compost.
- Changed idler roller on the long belt.
- Cleaned Polymer System tanks and lines.
- Replaced solenoid manifold for MF-CIP air lines.
- Constructing walkways for MF servicing
- Working on cleaning and sorting storage area in AWT.



UNIVERSITY AREA JOINT AUTHORITY

1576 Spring Valley
Road

COLLECTION SYSTEM SUPERINTENDENT'S REPORT
Activities for the month of March 2020
Mark Harter, Superintendent

MAINLINE MAINTENANCE:

New Construction – Greenbriar – Installed (1,040 ft) of lateral pipe – (7) homes hooked up to new system.
Harris Reuse Project – Installed (1,888 ft) of 12" main.
Mainline Televising – (4,012 ft) televised – (36) manholes inspected.
Mainline Repair – (2) West Cherry Lane.
Mainline Cleaning – (2558ft) cleaned – (14) manholes inspected.
Lateral Repairs – (2) – 120 W. Cherry lane / 317 Hill Drive.
Equipment maintenance.

LIFT STATION MAINTENANCE:

Cleaned (6) lift station wet wells.
Replaced block heater on generator at Graysdale 2B station.
Replaced off float at St.Ives station.
Replaced motor on comminator at Piney Ridge station.
The Yards at Old State Scada is up and running with telemetry backup.

NEXT MONTH PROJECTS:

Continue Greenbriar project.
Continue Harris Reuse project.
Cleaning wet wells.
Flushing and Televising mains.

INSPECTION: Final As-Builts Approved: The Yards at Old State (Cottages).

Mainline Construction:

- a. Grays Woods Phase 6, Section B – (80%) Complete.

New Connections:

a.	Single-Family Residential	12	c.	Commercial	1
b.	Multi-Family Residential	5	d.	Non-Residential	0

TOTAL 18

PA One-Calls Responded to 3/1-31/20: 268

ENGINEER'S REPORT

University Area Joint Authority

April 15, 2020

The following summarizes our recent services performed on behalf of the University Area Joint Authority (Authority):

Consulting Engineer Services (R001178.0676)

- HRG is available to assist the Authority with teleconferencing and videoconferencing capabilities.

Odor Control System Upgrades (R001178.0597)

Contract Times								
Contract No.	Notice to Proceed	Contract Time	Substantial Completion Date	Days Used*	Days Remaining	Final Completion	Percent of Time Remaining	Time Used
17-03	9/4/2018	320	7/21/2019	589	-269	9/4/2019	0%	100%
17-04	9/4/2018	320	7/21/2019	589	-269	9/4/2019	0%	100%

*As of date of board meeting (04/15/2020).

- All inlet ducts have been connected to the biofilter. Air ventilated from the Compost Building has been passing through the biofilter since February 20, 2020. The last odor complaint was on February 19th. Air ventilated from the Dewatering Building has not yet been introduced into the biofilter. The system is required to be balanced; however, due to COVID-19, the biofilter manufacturer has suspended all travel. Final start-up, commissioning and training has been delayed.
- There was no progress meeting held in April.
- There were no applications for payment submitted for April. The following summarizes the Contract Prices and Balances.

Applications for Payment						
Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	% Monetary Complete	Balance to Finish Plus Retainage
17-03	--	--	\$8,358,000.00	\$8,326,215.00	99.6	\$448,095.75
17-04	--	--	\$587,890.00	\$584,790.00	99.5	\$32,339.50

- The Contracts are 269 days beyond the date of Substantial Completion (projected to the date of the Board Meeting, April 15, 2020). Liquidated Damages in the amount of \$349,700.00 (\$1,300/day) have accrued. This does not account for additional time that may be due to the Contractors for delays associated with COVID-19.
- Both Contractors temporarily suspended work due to State Orders associated with COVID-19. Contract No. 17-03 has returned to the site and is working to install inlet duct insulation. Based on discussions with Contract No. 17-04, it does not appear that they will return to work until the State Orders have been lifted.

- Notifications of delays due to COVID-19 have been submitted by each Contractor. These change proposals are being evaluated based on specific State Orders and timing.

Shiloh Road Pump Station Upgrades (R001178.0632)

- HRG is assisting with pump and generator procurement. Submittals have been reviewed for the Pumps and Control Panel.
- HRG will coordinate signatures for submission of the Component 3M Sewage Facilities Planning Module.

Extension of Beneficial Reuse Water to Harris Township (R001178.0637)

- Alignment stake-out is being coordinated with the UAJA construction crew.
- Permit amendments have been submitted to PennDOT and to the PA DEP to change three of the four highway/stream crossings from conventional bore installation to open cut. The HOP supplement has been issued. HRG has been responding to comments and inquiring of the status with the PA DEP.
- Contract drawings have been revised to account for two contracts.

Scott Road Pump Station and Bristol Interceptor – Act 537 Plan Special Study (R001178.0661)

- HRG is evaluating and addressing comments provided by the Authority.
- HRG coordinated with UAJA to identify dig locations in order to locate utilities in the area of Research Drive and Bristol Avenue. The utility location will be used to affirm location for future facilities and to help improve accuracy of cost estimates.

Meeks Lane Pump Station – Act 537 Plan Special Study (R001178.0663)

- Work on the special study is ongoing. A draft is anticipated to be submitted within two weeks.

Beneficial Reuse Service Area Designation – Act 537 Plan Special Study (R001178.0666)

- The CRPA provided a list of questions and comments on the Draft Task Activity Report.
- UAJA Staff prepared responses to the comments. HRG will review the responses

Developer Plan Reviews:

- The Developer's design drawings for Harner Farm Subdivision Lots 1-4, Sanitary Design were recommended to Staff on March 17, 2020 (1178.0679).

Respectfully Submitted,

HERBERT, ROWLAND & GRUBIC, INC.



Benjamin R. Burns, P.E.
Team Leader | Water & Wastewater

University Area Joint Authority Summation of Project Activities

April 2020

General Services (094612031)

Pump Station SCADA Integration

- All existing pump stations have been integrated into the WWTP's SCADA system.

WWTP NPDES Permit – Phosphorus Study

- Comments have been received from the PA DEP on the proposed Plan of Study, the majority relating to the data collection effort. A meeting will be held with the PA DEP in mid-April to review their comments and any revisions to the Plan of Study.

Sludge Storage Tank Mixer

- Notice of Intent to Award has been issued to 4-M Construction Company. We await receipt of executed Agreement, Bonds and Certificates of Insurance. Quotes for the electrical components are being solicited.

Aeration System Improvements

- RETTEW has begun the design efforts related to the replacement of the leaking air header for the Aeration Tanks. We anticipate having draft bid documents within 30 days for Authority review and issuing for bids in the next 60 days (market conditions dependent).

Nutrient Credit Offsets – Solar Installation and Stormwater Offsets

- We have provided updated information to PA DEP and are awaiting comments on the protocol.

ENR/AWT Upgrade Project (094612009)

- The contractor for Contract UAJA 2017-06 (HRI) is in the process of completing all punchlist and warranty items. For the major outstanding item (primary clarifier troughs), they have provided an acceptable repair plan and RETTEW is issuing a clarification of the requirements.

Solar System (Phase I/II)

- Land Development and Zoning plans will be submitted this month and the seismic survey for rock was very successful, identifying two areas that needed avoided due to rock outcrops. Attached is an excerpt of the study that identified depth to rock. Schedule is slightly delayed due to current construction and manufacturing constraints, but we're confident the project gets to construction and completed in 2020.



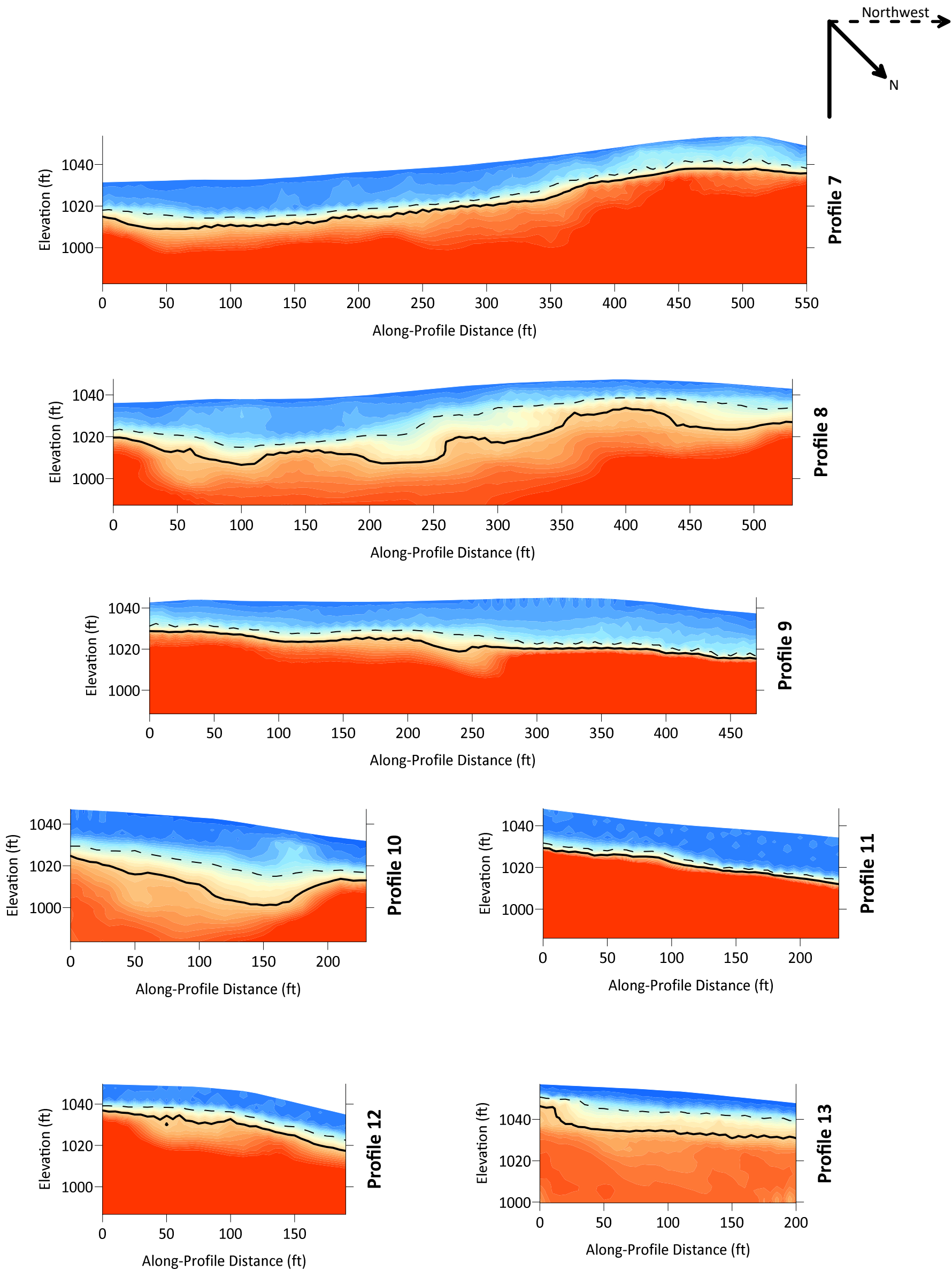


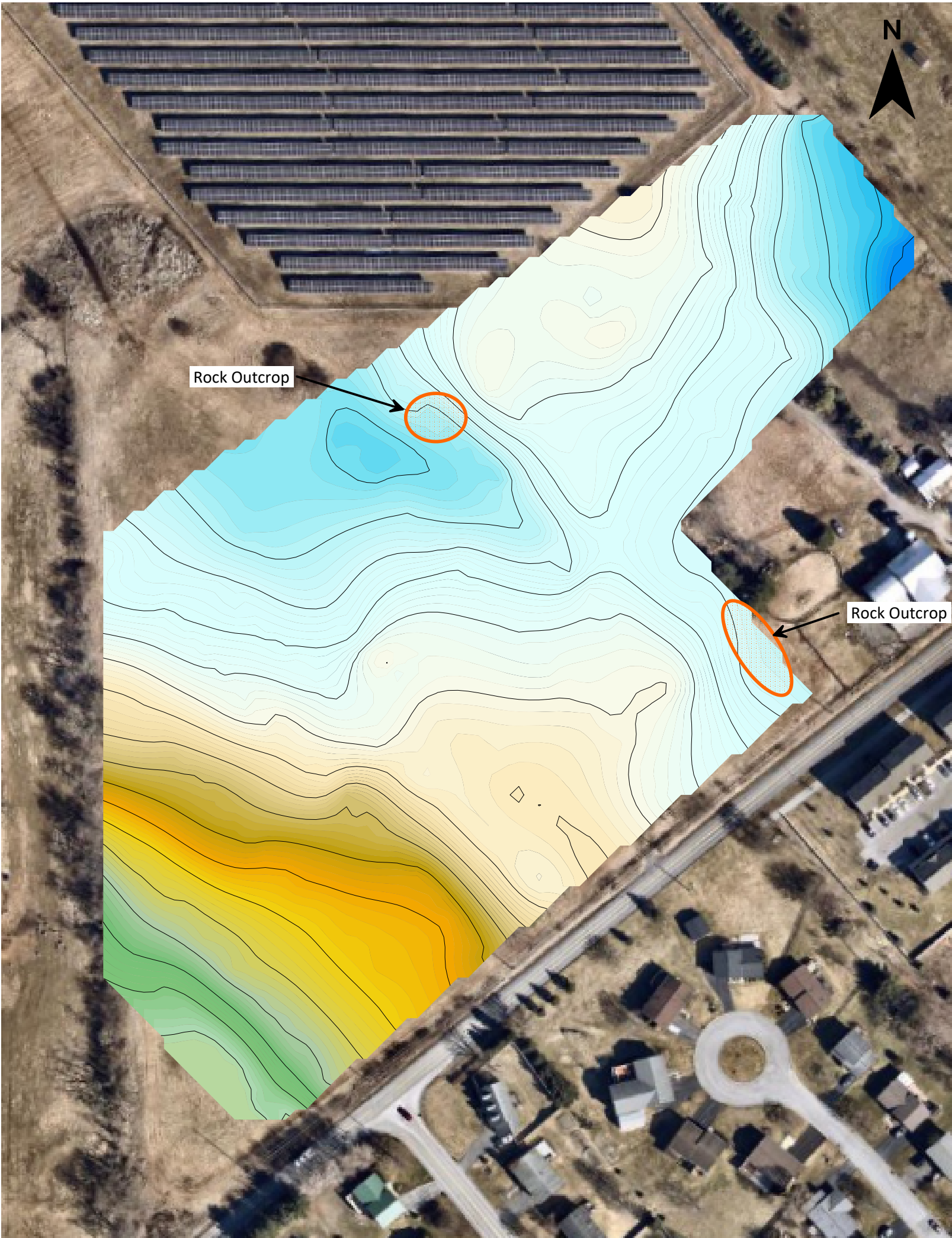
Figure 5: Seismic Refraction Profiles

Proposed Solar Photovoltaic Array
Phase II
University Area Joint Authority

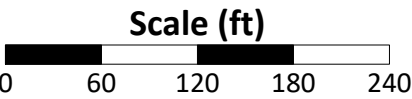
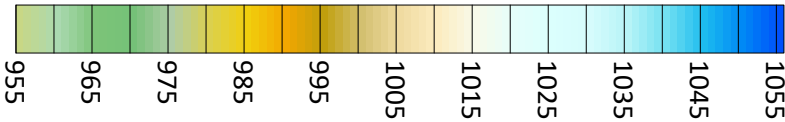


RETTEW Field Services, Inc.
3020 Columbia Avenue, Lancaster, PA 17603
Phone (717) 394-3721 Fax (717) 394-1063

SURVEY DATE: 03/13/2020
RETTEW No.: 104162032
REVIEWED BY: FKB
DRAWN BY: RJK
DATE: 03/27/2020
SCALE: 1 inch = 80 feet
FIGURE NO. 5 of 8



Inferred Bedrock Elevation (ft)
6,000 fps Velocity Contour



Note:
The information depicted on this drawing represents survey results on the date surveyed and can only be considered to be indicative of the general conditions existing on the survey date.
Contours and inferred rock contour from Seislmager 2D tomography inversion.

**Figure 6: Inferred Bedrock Elevation
Contour Map**

Proposed Solar Photovoltaic Array
Phase II
University Area Joint Authority

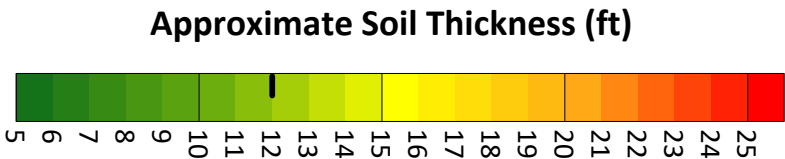
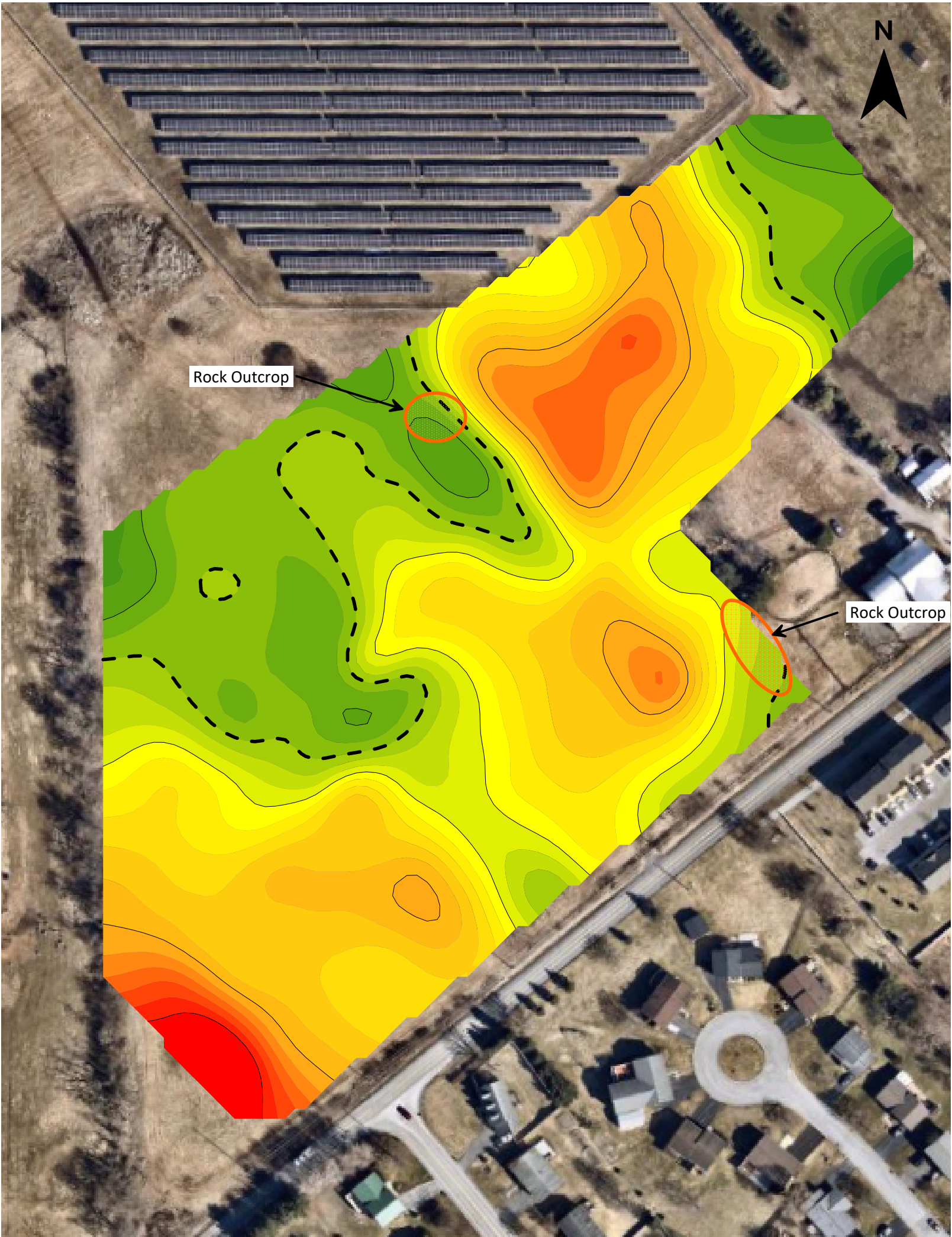
CENTRE COUNTY

PENNSYLVANIA

RETTEWSM

RETTEW Field Services, Inc.
3020 Columbia Avenue, Lancaster, PA 17603
Phone (717) 394-3721 Fax (717) 394-1063

SURVEY DATE: 03/13/2020
RETTEW No.: 104162032
REVIEWED BY: FKB
DRAWN BY: RJK
DATE: 03/27/2020
SCALE: 1 inch = 120 feet
FIGURE NO. 6 of 8



Note:
The information depicted on this drawing represents survey results on the date surveyed and can only be considered to be indicative of the general conditions existing on the survey date.

Contours and inferred rock contour from SeisImager 2D tomography inversion.

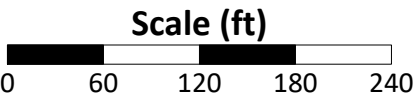


Figure 7: Approximate Soil Thickness Contour Map

Proposed Solar Photovoltaic Array
Phase II
University Area Joint Authority

CENTRE COUNTY

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REVIEWED BY: FKB
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DATE: 03/27/2020
SCALE: 1 inch = 120 feet
FIGURE NO. 7 of 8