



UNIVERSITY AREA JOINT AUTHORITY

A G E N D A

Regular Meeting – 4:00 pm – August 16, 2023

- 1. Call to Order**
- 2. Approval of the Minutes:** Regular Meeting- July 19, 2023 *(Page 2)*
- 3. Public Comment**
 - 3.1 Other items not on the agenda
- 4. Old Business**
 - 4.1 Puddintown Road Act 537 Plan Special Study TAR *(Page 35, Addt'l Handout Page 38)*
- 5. New Business**
 - 5.1 Requisitions *(Page 35)*
- 6. Reports of Officers**
 - 6.1 Financial Report *(Page 26, YTD Budget Report Page 10)*
 - 6.2 Chairman's Report
 - 6.3 Plant Superintendent's Report *(Page 28, Compost Report Page 27)*
 - 6.4 Collection Systems Superintendent's Report *(Page 29)*
 - 6.5 Consulting Engineer's Report *(Page 30)*
 - 6.6 Construction Engineer Report *(Page 32)*
 - 6.7 Executive Directors Report *(Page 34)*
- 7. Other Business**
- 8. Adjournment**

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

Regular Meeting – July 19, 2023

1. Call to Order

Mr. Lapinski, Chairman, called the regular meeting to order at 4:00 p.m., Wednesday, July 19, 2023. The meeting was held in the Board Room in the office of the Authority with the following in attendance in person: Messrs. Lapinski, Daubert, Miles, Derr, Glebe, Guss and Ebaugh; Cory Miller, Executive Director; Jason Brown, Assistant Executive Director; Sierra Weight, Administrative Assistant; Daren Brown, Collection System Superintendent; Andy Breon, Plant Superintendent; Jason Wert, Rettew; Michele Aukerman, Rettew; C-NET; Cindy Hahn, C-NET; Ben Burns, HRG Consulting Engineer; David Gaines, Solicitor; Jillian Kerr. The following were in attendance via Zoom: Messrs. Kunkle; Sam Robbins, State College Borough; Mark Boeckel, Centre Region Planning Agency; George Maltes.

2. Reading of the Minutes

UAJA Regular Meeting – June 21, 2023

**UAJA Meeting
Minutes Approved**

A motion was made by Mr. Derr second by Mr. Ebaugh to approve the meeting minutes of the UAJA meeting held on June 21, 2023. The motion passed unanimously.

3. Public Comment

3.1 Other items not on the agenda

None.

4. Old Business

None.

5. New Business

5.1 C-NET Annual Update Presentation

UAJA participates in C-NET and all UAJA meetings are available through C-NET. A representative of C-NET will provide a brief report on C-NET operations related to UAJA.

Recommendation: No action, presentation & discussion only.

5.2 Requisitions

BRIF #781

HRI, Inc.
Scott Road Project

\$1,965.00

BRIF #782	HRI, Inc. N. Oak Lane Project	\$1,863.60
BRIF #783	Hajoca Corp. Aeration System Upgrade	\$770.52
BRIF #784	S&C Operations N. Oak Lane West Project	\$4,691.25
BRIF #785	Centre Concrete Co. N. Oak Lane West Project	\$192.00
BRIF #786	Glossner’s Concrete N. Oak Lane West Project	\$3,741.25
BRIF #787	Applied Control Engineering SCADA Upgrades	\$493.75
BRIF #788	Valley Supply, Inc Masterseal (50 lb. pails)	\$3,897.00
TOTAL BRIF		\$17,614.37

BRIF Approved

A motion was made by Mr. Derr, second by Mr. Miles to approve BRIF #781, #782, #783, #784, #785, #786, #787, and #788 in the amount of \$17,614.37. The motion passed unanimously.

Construction Fund #090	Rettew Ozone Disinfection Project	\$2,011.25
Construction Fund #091	Rettew Solids Drying Project	\$11,448.46
Construction Fund #092	PSI Pumping Solutions Ozone Disinfection Project Pay App. #13 (G)	\$151,462.27
Construction Fund #093	PSI Pumping Solutions Ozone Disinfection Project Pay App. #7 (E)	\$9,951.25
TOTAL 2020 A CONSTRUCTION FUND		\$174,873.23

Construction Fund Approved

A motion was made by Mr. Ebaugh, second by Mr. Daubert to approve Construction Fund #090, #091, #092, and #093, in the amount of \$174,873.23. The motion passed unanimously.

Revenue Fund #198 Debt Service, Operation and Maintenance Expenses \$1,000,000.00

TOTAL REVENUE FUND \$1,000,000.00

Total Revenue Fund Approved

A motion was made by Mr. Glebe, second by Mr. Ebaugh to approve Revenue Fund #198, in the amount of \$1,000,000.00. The motion passed unanimously.

6. Reports to Officers

6.1 Financial Report

The different cost centers of the YTD budget report for the period ending June 30, 2023, were reviewed with the Board by Jason Brown.

6.2 Chairman’s Report

Mr. Lapinski briefly presented some customer concerns he received in regard to UAJA billing, to be discussed further in depth at a later time.

Mr. Lapinski asked Mr. Kunkle to provide the board with an update on the Rate Subcommittee.

6.3 Plant Superintendent’s Report

Compost & Septage Operations Report

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

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023
PRODUCTION	893	718	840	655	753	575
YTD PRODUCTION	893	1611	2451	3106	3859	4434
DISTRIBUTION	1115	840	452	1150	557	805
YTD DISTRIBUTION	1115	1955	2407	3557	4113	4918
IMMEDIATE SALE	1438	1491	1758	1448	1546	1494
CURRENTLY IN STORAGE	2331	2331	2598	2103	2299	2069

SEPTAGE OPERATIONS

LBS/SOLIDS

	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023
PORT MATILDA	1030	433	2631	1237	1981	1843
HUSTON TOWNSHIP	617	617	300	537	307	350

TOTAL GALLONS

	JAN 2023	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023
RESIDENTIAL/COMMERCIAL	3200	5000	5200	13800	20100	10450
PORT MATILDA	13000	6500	17500	13000	19500	19500
HUSTON TOWNSHIP	6000	6000	6000	6000	8000	6000
TOTAL GALLONS	22200	17500	28700	32800	47600	35950

Plant Operation

The treatment plant is operating well with no exceptions. The 12-month rolling average effluent flow for June was 3.55 MGD with the average for the month being 2.32 MGD. The average monthly influent flow was 4.10 MGD.

On-line treatment units: primary clarifiers #1, #2, and #6; aeration basins #2 and #3; secondary clarifiers #1, #3, and #4; and eight de-nitrification filters.

Distribution Data

	June 2023	Year to date gallons
Best Western Hotel	37,000	198,000
Centre Hills Golf	8,242,000	19,006,000
Stewart Drive	5,800	5,800
Collections Maintenance Garage	1,000	10,000
CINTAS	590,000	3,556,000
Red Line	415,000	2,903,000
Plant site	4,939,000	27,286,000
GDK Park vault	26,380,000	169,725,000
Kissinger's Pond	0	8,122,000
Elks	2,159,000	5,524,000
Total Gallons	42,768,800	236,335,800
Plant effluent temperature monthly average	64.0°	
Wetland temperature monthly average	67.4°	

Plant Maintenance

- Replaced the aeration diffusers in Train #1.
- Repaired the Outfall UV Lights. Only one UV Tank channel is in use.
- Replaced the diaphragm in Primary Pump #2.
- Replaced the priming vacuum pump in the Headworks Grit Chamber.

- Replaced an expansion joint on MF #3 and repaired the MF CIP line.
- Replaced the brakes on the Compost Loader.
- Replaced a Compost Bay blower and repaired the unloading belt.

6.4 Collection Systems Superintendent’s Report

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

Mainline Maintenance:

New Laterals – 0
 Mainline Cleaning – 8,984 ft cleaned/cut with root cutter
 Mainline televising – 32,383 ft televised – 378 manholes inspected
 Replaced 498.5’ of Mainline (N.Oak Project)
 Replaced 198’ of Laterals (N. Oak Project)
 Curb and sidewalk restoration 90% complete (N. Oak project)
 Reset 2 casting (Boalsburg Pike paving project)

Lift Station Maintenance:

Cleaned (14) wet wells

Next Month Projects:

Paving and restoration on N. Oak project
 Continue televising
 Flushing mainlines
 Casting adjustments on this year’s paving projects

Inspection:

(1) Whitehall Regional Park - Complete

Mainline Construction:

- a. Toftrees West (Mount Nittany Medical Center) 90% Complete
- b. Canterbury Crossing Phases 3&4 90% Complete

New Connections:

a. Single-Family Residential	3	c. Commercial	0
b. Multi-Family Residential	7	d. Non-Residential	0

TOTAL 10

PA One-Calls Responded to June 1 thru June 30, 2023: 402

6.5 Consulting Engineer’s Report

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

Retainer Services (001178.0693)

- Assisted with the completion of the Notice of Intent for renewal of the NPDES Permit for the stockpile area.

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

- Authority staff is reviewing the alternative pump station location near Waddle with Patton Township.

Scott Road Pump Station and Bristol Interceptor (001178.0682)

- The General Contractor is completing final punch list items.
- The Electrical Contractor is completing final punch list items.
- There are no applications for payment to present this month.

SCOTT ROAD PUMP STATION UPGRADE					
SUMMARY OF APPLICATIONS FOR PAYMENT					
Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	Balance to Finish Plus Retainage
2021-03	--	\$0.00	\$515,303.23	\$515,303.23	\$26,850.00
2021-04	--	\$0.00	\$262,972.92	\$251,077.92	\$24,448.90

- Both Contractors have submitted time extension requests. Justifying documentation is being compiled and reviewed.

Persia Pump Station Evaluation (P001178.0724)

- Work has commenced on the evaluation with the review of available record drawings.

Puddintown Interceptor Act 537 Special Study (P001178.0725)

- An Engineering Services Proposal has been prepared to complete an Act 537 Sewage facilities Plan Special Study for the evaluation of current and future capacity.

Developer Plan Reviews:

- Whitehall Road Regional Park Phase1 (R001178.0723): Sanitary sewer as-built drawings were recommended for approval on June 27, 2023.

6.6 Construction Report

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek wrapped up at the end of October. We are

compiling data for review with DEP.

Phosphorus Study Project Schedule

Milestone	Date
Complete stream monitoring and compile data	November-December 2022
Review final data with PADEP	TBD Awaiting Feedback
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- The General Contractor (PSI) is continuing with the process piping, including testing, inside the new Ozone Building. The last pieces of equipment are anticipated to be shipped at the end of July. The ozone equipment manufacturer will be on site starting the week of July 24th to begin checking and commissioning equipment.

Payment Requests to Date						
Contract Number	Application for Payment #	Current Payment Due	Contract Price to Date incl/CO	Total Work to Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC	13	\$151,462.27	\$5,448,000.00	\$4,736,600.00	86.94%	\$948,230.00
2021-06 EC	7	\$9,951.25	\$350,000.00	\$227,025.00	64.86%	\$134,326.25
2021-07 MC			\$223,000.00	\$199,010.00	89.24%	\$33,940.50
		\$161,413.52	\$6,021,000.00	\$5,162,635.00	85.74%	\$858,365.00

Contract 2021-05 (PSI) has submitted Application for Payment No.13 in the amount of \$151,462.27. We recommend payment in the amount of \$151,462.27. Contract 2021-06 (PSI) has submitted Application for Payment No. 7 in the amount of \$9,951.25. We recommend payment in the amount of \$9,951.25. Contract 2021-07 (McClure) did not submit an application for this month.

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023
Projected Substantial Completion Date (per Contractor)	09/13/2023

Anaerobic Digestion Project (094612026)

- Project is now live on the PennBid website. A pre-bid meeting was held on site on July 11th.
- We are addressing request for information/clarifications submitted by potential bidders.
- College Township Planning Commission has conditionally approved the land development plan and the plan will be presented to College Township Council on July 20th.
- CFA has postponed their decision on grant awards until their September board meeting.
- Bids are currently scheduled to be opened Wednesday, August 9th at 1:00 PM.

Anaerobic Digestion Project Schedule

Milestone	Date
Updated Biogas Term Sheets and Biosolids Agreements to Stakeholders	Week of December 12 th
Submission of Land Development Plan	May 19, 2023
Submission of Building Permit Application	Week of July 10th

Complete Bidding Documents/Advertise for Bids	Week of June 5th
Bids Due for Construction	August 9, 2023
CFA Meeting Grant Announcement/Bid Award (Likely)	September 19, 2023
Begin Construction	September 2023
Complete Construction	December 2024

Modifications to GD Kissinger Meadow Stream Augmentation

- The Authority’s pending NPDES permit for the discharge of beneficial reuse water to Slab Cabin Run requires a series of modifications in control and monitoring. The changes will require modulation of the flows to the stream via SCADA, to avoid abrupt changes in stream flow. Additionally, we anticipate essentially a non-detect chlorine limit which will require de-chlorination prior to stream discharge. We are working with staff to design, permit, and implement these modifications.

6.7 Executive Director’s Report

None.

7. Other Business

None.

8. Adjournment

A motion was made by Mr. Derr, second by Mr. Miles, to adjourn the meeting at 4:31 pm. The motion was passed unanimously.

Respectfully submitted,

UNIVERSITY AREA JOINT AUTHORITY

Secretary/Assistant Secretary

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07								
ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL	
1040410 REVENUE-SEWER	-15,820,012	0	-15,820,012	-8,133,745.00	.00	-7,686,267.00	51.4%	
1040420 REVENUE-SOLIDS	-75,500	0	-75,500	-41,498.84	.00	-34,001.16	55.0%	
1040425 REVENUE-BU WATER	-24,000	0	-24,000	-18,800.00	.00	-5,200.00	78.3%	
1040440 REVENUE-PERMIT/TAP FEES	-2,337,814	0	-2,337,814	-362,257.91	.00	-1,975,556.09	15.5%	
1040450 REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	-46,547.06	.00	6,547.06	116.4%	
1040451 REVENUE-MISC. REIMBURSEMNT	-22,000	0	-22,000	-17,022.47	.00	-4,977.53	77.4%	
1040470 INTEREST EARNINGS-CASH ACCT	-1,041	0	-1,041	-523.78	.00	-517.22	50.3%	
1040472 INTEREST EARNINGS-PLIGIT	-65	0	-65	-282.08	.00	217.08	434.0%	
1040474 INTEREST EARNINGS - TRUSTEE	-25,734	0	-25,734	-24,709.62	.00	-1,024.38	96.0%	
1040480 REVENUES-MISCELLANEOUS	-132,000	0	-132,000	-76,099.59	.00	-55,900.41	57.7%	
1045921 CIP-COLLECTION MAINT I&I	4,255,800	0	4,255,800	353,579.40	.00	3,902,220.60	8.3%	
1045922 CIP-COLLECTION-CONST. EQUIP	376,500	0	376,500	324,056.24	.00	52,443.76	86.1%	
1045924 CIP-WWTP-PHYSICAL PLANT	6,715,430	0	6,715,430	2,922,643.91	.00	3,792,786.09	43.5%	
1045928 CIP-BENEFICIAL REUSE	115,000	0	115,000	.00	.00	115,000.00	.0%	
1045930 CIP-WWTP-COMPOST FACILITY	14,578,800	0	14,578,800	160,564.51	.00	14,418,235.49	1.1%	
1045950 CIP-GENERAL & ADMINISTRATIV	208,000	0	208,000	93,990.63	.00	114,009.37	45.2%	
1050050 GENERAL & ADMINISTRATIVE	1,897,024	0	1,897,024	1,261,742.05	.00	635,281.95	66.5%	
1050053 G & A - INFORMATION TECHNOL	168,950	0	168,950	69,760.91	.00	99,189.09	41.3%	
1050054 G & A - FLEET/FUEL	265,000	0	265,000	136,404.38	.00	128,595.62	51.5%	
1052052 DEBT SERVICE	6,682,964	0	6,682,964	1,057,112.01	.00	5,625,851.99	15.8%	
1060019 WWTP - LABORATORY	344,841	0	344,841	235,975.73	.00	108,865.27	68.4%	
1060022 TREATMENT PLANT MAINTENANCE	1,191,808	0	1,191,808	754,623.79	.00	437,184.21	63.3%	
1060023 MAIN STATION	114,000	0	114,000	70,467.02	.00	43,532.98	61.8%	
1060025 WWTP - IPP	121,957	0	121,957	75,778.04	.00	46,178.96	62.1%	
1060028 WWTP - BENEFICIAL REUSE	997,837	0	997,837	674,075.07	.00	323,761.93	67.6%	
1060029 WWTP - DEWATERING	546,762	0	546,762	323,541.05	.00	223,220.95	59.2%	
1060030 WWTP - COMPOST	897,403	0	897,403	607,878.77	.00	289,524.23	67.7%	
1060032 TREATMENT PLANT OPERATION	2,397,281	0	2,397,281	1,566,226.35	.00	831,054.65	65.3%	
1070021 COLLECTION-MAINTENANCE	2,024,835	0	2,024,835	1,080,442.45	.00	944,392.55	53.4%	
1070022 CONSTRUCT EQUIP MAINTENANCE	88,000	0	88,000	34,607.70	.00	53,392.30	39.3%	
1070034 COLLECTION-INSPECTION	496,416	0	496,416	278,534.58	.00	217,881.42	56.1%	
1070036 COLLECTION-PUMP STATION	157,900	0	157,900	58,535.88	.00	99,364.12	37.1%	
TOTAL OPERATING FUND	26,164,342	0	26,164,342	3,419,054.12	.00	22,745,287.88	13.1%	
TOTAL REVENUES	-18,478,166	0	-18,478,166	-8,721,486.35	.00	-9,756,679.65		
TOTAL EXPENSES	44,642,508	0	44,642,508	12,140,540.47	.00	32,501,967.53		

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
GRAND TOTAL	26,164,342	0	26,164,342	3,419,054.12	.00	22,745,287.88	13.1%

** END OF REPORT - Generated by Sierra Weight **

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07									
ACCOUNTS FOR:		ORIGINAL	TRANFRS/	REVISED			AVAILABLE	PCT	
10	OPERATING FUND	APPROP	ADJSTMTS	BUDGET	YTD ACTUAL	ENCUMBRANCES	BUDGET	USE/COL	
1040410 REVENUE-SEWER									
1040410	4101	UAJA TOTAL SEWER R	-10,819,244	0	-10,819,244	-5,463,663.18	.00	-5,355,580.82	50.5%*
1040410	4102	BORO SEWER TOTAL R	-4,300,000	0	-4,300,000	-2,391,674.38	.00	-1,908,325.62	55.6%*
1040410	4103	PGM TOTAL SEWER RE	-385,768	0	-385,768	-173,934.89	.00	-211,833.11	45.1%*
1040410	4104	PSU TOTAL SEWER RE	-190,000	0	-190,000	-22,742.55	.00	-167,257.45	12.0%*
1040410	4105	SURCHARGES TOTAL R	-125,000	0	-125,000	-81,730.00	.00	-43,270.00	65.4%*
		TOTAL REVENUE-SEWER	-15,820,012	0	-15,820,012	-8,133,745.00	.00	-7,686,267.00	51.4%
1040420 REVENUE-SOLIDS									
1040420	4201	N5001 NONTAXABLE	-22,500	0	-22,500	-24,417.00	.00	1,917.00	108.5%
1040420	4201	N5002 TAXABLE COMPO	-3,000	0	-3,000	-8,832.06	.00	5,832.06	294.4%
1040420	4203	SLUDGE DISPOSAL	-50,000	0	-50,000	-8,249.78	.00	-41,750.22	16.5%*
		TOTAL REVENUE-SOLIDS	-75,500	0	-75,500	-41,498.84	.00	-34,001.16	55.0%
1040425 REVENUE-BU WATER									
1040425	4251	REVENUE-BU WATER	-24,000	0	-24,000	-18,800.00	.00	-5,200.00	78.3%*
		TOTAL REVENUE-BU WATER	-24,000	0	-24,000	-18,800.00	.00	-5,200.00	78.3%
1040440 REVENUE-PERMIT/TAP FEES									
1040440	4401	PERMIT/CONNECTION	-20,000	0	-20,000	-6,800.00	.00	-13,200.00	34.0%*
1040440	4402	TAP FEE-TREATMENT	-2,214,450	0	-2,214,450	-323,359.00	.00	-1,891,091.00	14.6%*
1040440	4403	GHANER TAP FEE	-11,137	0	-11,137	-3,612.00	.00	-7,525.00	32.4%*
1040440	4404	TAP FEE-PGM COLLEC	-11,000	0	-11,000	.00	.00	-11,000.00	.0%*
1040440	4405	IPP USER FEES	-3,800	0	-3,800	.00	.00	-3,800.00	.0%*
1040440	4409	WATER QUALITY MNGT	-500	0	-500	-300.00	.00	-200.00	60.0%*
1040440	4410	REPAIR PERMIT	-1,500	0	-1,500	-650.00	.00	-850.00	43.3%*
1040440	4411	TAP FEE - ROUTE 26	-33,900	0	-33,900	-16,950.00	.00	-16,950.00	50.0%*
1040440	4412	CIRCLEVILLE TAP FE	0	0	0	-3,568.11	.00	3,568.11	100.0%*
1040440	4413	VALLEY VISTA TAP F	-41,527	0	-41,527	-7,018.80	.00	-34,508.20	16.9%*

UNIVERSITY AREA JOINT AUTHORITY

YEAR-TO-DATE BUDGET REPORT

FOR 2023 07								
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED			AVAILABLE	PCT	
10 OPERATING FUND	APPROP	ADJSTMTS	BUDGET	YTD ACTUAL	ENCUMBRANCES	BUDGET	USE/COL	
TOTAL REVENUE-PERMIT/TAP FEES	-2,337,814	0	-2,337,814	-362,257.91	.00	-1,975,556.09	15.5%	
1040450 REVENUE-ADVCD. CONSTRC FEE								
1040450 4407 INSPECTION FEES	-40,000	0	-40,000	.00	.00	-40,000.00	.0%*	
1040450 4407 B5192 VILLAGE AT PE	0	0	0	-1,400.79	.00	1,400.79	100.0%	
1040450 4407 B5448 INSPECTION FE	0	0	0	-27,302.02	.00	27,302.02	100.0%	
1040450 4407 B5461 WHITEHALL ROA	0	0	0	-10,080.20	.00	10,080.20	100.0%	
1040450 4407 B5475 INSPECTION FE	0	0	0	-4,104.05	.00	4,104.05	100.0%	
1040450 4407 B5481 INSPECTION FE	0	0	0	-3,660.00	.00	3,660.00	100.0%	
TOTAL REVENUE-ADVCD. CONSTRC FEE	-40,000	0	-40,000	-46,547.06	.00	6,547.06	116.4%	
1040451 REVENUE-MISC. REIMBURSEMNT								
1040451 4503 EMPLOYEE GROUP INS	-22,000	0	-22,000	-17,022.47	.00	-4,977.53	77.4%*	
TOTAL REVENUE-MISC. REIMBURSEMNT	-22,000	0	-22,000	-17,022.47	.00	-4,977.53	77.4%	
1040470 INTEREST EARNINGS-CASH ACCTS								
1040470 4701 GENERAL CHECKING-I	-477	0	-477	-332.38	.00	-144.62	69.7%*	
1040470 4702 PAYROLL-INTEREST E	-66	0	-66	-52.03	.00	-13.97	78.8%*	
1040470 4717 SWEEP CHECKING-INT	-498	0	-498	-139.37	.00	-358.63	28.0%*	
TOTAL INTEREST EARNINGS-CASH ACCTS	-1,041	0	-1,041	-523.78	.00	-517.22	50.3%	
1040472 INTEREST EARNINGS-PLIGIT								
1040472 4703 PLIGIT-INTEREST EA	-15	0	-15	-41.94	.00	26.94	279.6%	
1040472 4719 PLIGIT PLUS - INTE	-50	0	-50	-240.14	.00	190.14	480.3%	
TOTAL INTEREST EARNINGS-PLIGIT	-65	0	-65	-282.08	.00	217.08	434.0%	
1040474 INTEREST EARNINGS - TRUSTEE								
1040474 4706 BOND REMP/IMP-INTE	-4,816	0	-4,816	780.70	.00	-5,596.70	-16.2%*	

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YEAR-TO-DATE BUDGET REPORT

FOR 2023 07								
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED	YTD	ENCUMBRANCES	AVAILABLE	PCT	
10 OPERATING FUND	APPROP	ADJSTMTS	BUDGET	ACTUAL		BUDGET	USE/	COL
1040474 4724 INTEREST 93 DEBT S	-20,000	0	-20,000	-24,960.08	.00	4,960.08	124.8%	
1040474 4725 INT 93 OPERATING E	-100	0	-100	-82.37	.00	-17.63	82.4%*	
1040474 4726 INT 93 DEBT SERVIC	-18	0	-18	-7.87	.00	-10.13	43.7%*	
1040474 4727 INT REVENUE FUND	-150	0	-150	-54.75	.00	-95.25	36.5%*	
1040474 4733 2020A CONSTRUCTION	-300	0	-300	-129.14	.00	-170.86	43.0%*	
1040474 4734 2021 CONSTRUCTION	-350	0	-350	-256.11	.00	-93.89	73.2%*	
TOTAL INTEREST EARNINGS - TRUSTEE	-25,734	0	-25,734	-24,709.62	.00	-1,024.38	96.0%	
1040480 REVENUES-MISCELLANEOUS								
1040480 4899 MISCELLANEOUS RECE	-10,000	0	-10,000	-20,206.59	.00	10,206.59	202.1%	
1040480 4909 SOLAR MAINTENANCE	-60,000	0	-60,000	-30,000.00	.00	-30,000.00	50.0%*	
1040480 4910 SREC	-62,000	0	-62,000	-25,893.00	.00	-36,107.00	41.8%*	
TOTAL REVENUES-MISCELLANEOUS	-132,000	0	-132,000	-76,099.59	.00	-55,900.41	57.7%	
1045921 CIP-COLLECTION MAINT I&I								
1045921 0021 6247 MEEKS LANE	1,000,000	0	1,000,000	.00	.00	1,000,000.00	.0%	
1045921 0021 6337 PRINCETON DRIV	25,000	0	25,000	.00	.00	25,000.00	.0%	
1045921 0021 6362 CAPITAL IN PRO	196,000	0	196,000	133,504.20	.00	62,495.80	68.1%	
1045921 0021 6365 CAPITAL IN PRO	30,000	0	30,000	19,774.05	.00	10,225.95	65.9%	
1045921 0021 6366 CAPITAL IN PRO	235,000	0	235,000	1,948.50	.00	233,051.50	.8%	
1045921 5405 6247 MEEKS LANE	432,000	0	432,000	.00	.00	432,000.00	.0%	
1045921 5405 6300 SCOTT ROAD UPG	10,400	0	10,400	10,728.50	.00	-328.50	103.2%*	
1045921 5405 6337 PRINCETON DRIV	1,500	0	1,500	.00	.00	1,500.00	.0%	
1045921 5505 6247 MEEKS LANE	1,500,000	0	1,500,000	.00	.00	1,500,000.00	.0%	
1045921 5505 6300 PUMP STATION M	540,900	0	540,900	163,897.90	.00	377,002.10	30.3%	
1045921 ER05 6247 MEEKS LANE	100,000	0	100,000	.00	.00	100,000.00	.0%	
1045921 ER05 6364 RENTAL-TRUCK	50,000	0	50,000	23,726.25	.00	26,273.75	47.5%	
1045921 ER05 6377 RENTAL-TRUCK	50,000	0	50,000	.00	.00	50,000.00	.0%	
1045921 PV01 6247 MEEKS LANE	30,000	0	30,000	.00	.00	30,000.00	.0%	
1045921 PV01 6337 PRINCETON DRIV	5,000	0	5,000	.00	.00	5,000.00	.0%	
1045921 PV01 6363 PAVING CONTRAC	10,000	0	10,000	.00	.00	10,000.00	.0%	
1045921 PV02 6141 DRIVEWAY PAVIN	40,000	0	40,000	.00	.00	40,000.00	.0%	
TOTAL CIP-COLLECTION MAINT I&I	4,255,800	0	4,255,800	353,579.40	.00	3,902,220.60	8.3%	
1045922 CIP-COLLECTION-CONST. EQUIPM								
1045922 0021 6378 CAPITAL IN PRO	110,000	0	110,000	83,374.24	.00	26,625.76	75.8%	

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FOR 2023 07								
ACCOUNTS FOR:	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1045922	0021 6379 CAPITAL IN PRO	212,500	0	212,500	212,500.00	.00	.00	100.0%
1045922	0021 6380 CAPITAL IN PRO	28,000	0	28,000	28,182.00	.00	-182.00	100.7%*
1045922	0021 6381 CAPITAL IN PRO	26,000	0	26,000	.00	.00	26,000.00	.0%
TOTAL CIP-COLLECTION-CONST. EQUIPM		376,500	0	376,500	324,056.24	.00	52,443.76	86.1%
1045924 CIP-WWTP-PHYSICAL PLANT								
1045924	0024 6304 AERATION SYSTE	141,360	0	141,360	50,220.15	.00	91,139.85	35.5%
1045924	0024 6324 OZONE DISINFEC	116,000	0	116,000	23,649.00	.00	92,351.00	20.4%
1045924	0024 6325 OZONE DISINFEC	4,230,000	0	4,230,000	2,848,068.51	.00	1,381,931.49	67.3%
1045924	0024 6333 DISSOLVED PHOS	100,000	0	100,000	475.00	.00	99,525.00	.5%
1045924	0024 6338 HEADWORKS BUIL	770,000	0	770,000	.00	.00	770,000.00	.0%
1045924	0024 6345 CAPITAL IN PRO	35,400	0	35,400	.00	.00	35,400.00	.0%
1045924	0024 6347 CAPITAL IN PRO	60,280	0	60,280	.00	.00	60,280.00	.0%
1045924	0024 6349 CAPITAL IN PRO	500,000	0	500,000	.00	.00	500,000.00	.0%
1045924	0024 6351 CAPITAL IN PRO	108,240	0	108,240	.00	.00	108,240.00	.0%
1045924	0024 6353 CAPITAL IN PRO	253,000	0	253,000	.00	.00	253,000.00	.0%
1045924	0024 6355 CAPITAL IN PRO	190,000	0	190,000	.00	.00	190,000.00	.0%
1045924	5405 6346 ENGINEERING	6,940	0	6,940	.00	.00	6,940.00	.0%
1045924	5405 6348 ENGINEERING	17,820	0	17,820	.00	.00	17,820.00	.0%
1045924	5405 6350 ENGINEERING	45,000	0	45,000	.00	.00	45,000.00	.0%
1045924	5405 6352 ENGINEERING	8,800	0	8,800	.00	.00	8,800.00	.0%
1045924	5405 6354 ENGINEERING	20,240	0	20,240	.00	.00	20,240.00	.0%
1045924	5405 6356 ENGINEERING	30,000	0	30,000	.00	.00	30,000.00	.0%
1045924	5405 6357 ENGINEERING	4,000	0	4,000	231.25	.00	3,768.75	5.8%
1045924	5405 6358 ENGINEERING	42,300	0	42,300	.00	.00	42,300.00	.0%
1045924	5405 6359 ENGINEERING	36,050	0	36,050	.00	.00	36,050.00	.0%
TOTAL CIP-WWTP-PHYSICAL PLANT		6,715,430	0	6,715,430	2,922,643.91	.00	3,792,786.09	43.5%
1045928 CIP-BENEFICIAL REUSE								
1045928	0028 6239 MF MEMBRANE RE	90,000	0	90,000	.00	.00	90,000.00	.0%
1045928	5405 6360 ENGINEERING	25,000	0	25,000	.00	.00	25,000.00	.0%
TOTAL CIP-BENEFICIAL REUSE		115,000	0	115,000	.00	.00	115,000.00	.0%
1045930 CIP-WWTP-COMPOST FACILITY								
1045930	0030 6326 SOLIDS DRYING	570,000	0	570,000	160,564.51	.00	409,435.49	28.2%

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YEAR-TO-DATE BUDGET REPORT

FOR 2023 07								
ACCOUNTS FOR: 10 OPERATING FUND	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL	
1045930 0030 6327 SOLIDS DRYING	14,008,800	0	14,008,800	.00	.00	14,008,800.00	.0%	
TOTAL CIP-WWTP-COMPOST FACILITY	14,578,800	0	14,578,800	160,564.51	.00	14,418,235.49	1.1%	
1045950 CIP-GENERAL & ADMINISTRATIVE								
1045950 0050 6043 COMPUTER HARDW	30,000	0	30,000	8,170.00	.00	21,830.00	27.2%	
1045950 0050 6047 COMPUTER SOFTW	30,000	0	30,000	.00	.00	30,000.00	.0%	
1045950 0050 6339 IT SYSTEM UPGR	133,000	0	133,000	73,587.06	.00	59,412.94	55.3%	
1045950 0050 6361 CAPITAL IN PRO	15,000	0	15,000	12,233.57	.00	2,766.43	81.6%	
TOTAL CIP-GENERAL & ADMINISTRATIVE	208,000	0	208,000	93,990.63	.00	114,009.37	45.2%	
1050050 GENERAL & ADMINISTRATIVE								
1050050 5001 SUPERVISOR LABOR	300,546	0	300,546	132,992.89	.00	167,553.11	44.3%	
1050050 5002 REGULAR LABOR	294,713	0	294,713	197,600.23	.00	97,112.77	67.0%	
1050050 5006 VACATION	0	0	0	26,844.56	.00	-26,844.56	100.0%*	
1050050 5007 SICK	0	0	0	9,748.22	.00	-9,748.22	100.0%*	
1050050 5008 PERSONAL	0	0	0	4,305.15	.00	-4,305.15	100.0%*	
1050050 5009 JURY/CIVIL/VOLUNTE	0	0	0	488.11	.00	-488.11	100.0%*	
1050050 5010 HOLIDAY	0	0	0	18,148.88	.00	-18,148.88	100.0%*	
1050050 5101 FICA EXPENSE	36,906	0	36,906	24,408.15	.00	12,497.85	66.1%	
1050050 5102 MEDICARE EXPENSE	8,632	0	8,632	5,708.24	.00	2,923.76	66.1%	
1050050 5201 UNEMPLOYMENT EXPEN	25,000	0	25,000	18,205.69	.00	6,794.31	72.8%	
1050050 5202 GROUP HEALTH INSUR	132,688	0	132,688	82,228.01	.00	50,459.99	62.0%	
1050050 5203 PENSION (401) UAJA	59,526	0	59,526	39,154.84	.00	20,371.16	65.8%	
1050050 5205 COBRA EMPLOYEE INS	22,000	0	22,000	17,654.29	.00	4,345.71	80.2%	
1050050 5207 GROUP LIFE INSURAN	102,000	0	102,000	77,765.13	.00	24,234.87	76.2%	
1050050 5208 HEALTH DEDUCTIBLE	175,000	0	175,000	59,730.90	.00	115,269.10	34.1%	
1050050 5301 OFFICE SUPPLIES	20,000	0	20,000	11,822.15	.00	8,177.85	59.1%	
1050050 5302 POSTAGE/SHIPPING	35,000	0	35,000	27,168.10	.00	7,831.90	77.6%	
1050050 5303 JANITORIAL SUPPLIE	7,000	0	7,000	2,762.64	.00	4,237.36	39.5%	
1050050 5307 PETTY CASH EXPENDI	200	0	200	.00	.00	200.00	.0%	
1050050 5401 ADVERTISING	1,500	0	1,500	964.94	.00	535.06	64.3%	
1050050 5402 AUDIT	23,500	0	23,500	23,949.40	.00	-449.40	101.9%*	
1050050 5405 ENGINEERING-RETAIN	1,000	0	1,000	750.00	.00	250.00	75.0%	
1050050 5406 LEGAL	75,000	0	75,000	59,245.67	.00	15,754.33	79.0%	
1050050 5408 INSURANCE - COMMER	354,681	0	354,681	298,234.00	.00	56,447.00	84.1%	
1050050 5499 MISCELLANEOUS OUTS	30,000	0	30,000	27,664.44	.00	2,335.56	92.2%	

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YEAR-TO-DATE BUDGET REPORT

FOR 2023 07								
ACCOUNTS FOR:			ORIGINAL	TRANFRS/	REVISED		AVAILABLE	PCT
10	OPERATING FUND		APPROP	ADJSTMTS	BUDGET	YTD ACTUAL	BUDGET	USE/COL
1050050	5501	1054 O & M - COPIER	9,704	0	9,704	390.00	9,314.00	4.0%
1050050	5601	COMMUNICATIONS	30,000	0	30,000	9,733.33	20,266.67	32.4%
1050050	5701	TRAINING, SEMINARS	16,000	0	16,000	16,216.31	-216.31	101.4%*
1050050	5702	MEMBERSHIPS, SUBSC	8,500	0	8,500	7,023.37	1,476.63	82.6%
1050050	5703	UNIFORMS-BOOTS-GLO	22,000	0	22,000	16,962.05	5,037.95	77.1%
1050050	5704	VACCINATIONS	8,000	0	8,000	4,106.00	3,894.00	51.3%
1050050	5706	EMPLOYEE/EMPLOYER	3,000	0	3,000	1,312.83	1,687.17	43.8%
1050050	5707	MEAL ALLOWANCE	500	0	500	.00	500.00	.0%
1050050	5708	SAFETY EQUIPMENT	8,000	0	8,000	1,707.44	6,292.56	21.3%
1050050	5710	DRUG/ALCOHOL TESTI	1,300	0	1,300	600.00	700.00	46.2%
1050050	6006	MISCELLANEOUS EXPE	1,000	0	1,000	522.00	478.00	52.2%
1050050	6007	BANK FEES/CHARGES	0	0	0	140.00	-140.00	100.0%*
1050050	6015	WATER-CTWA	12,000	0	12,000	4,520.25	7,479.75	37.7%
1050050	6017	GARBAGE	8,000	0	8,000	2,934.84	5,065.16	36.7%
1050050	6019	CNET	9,228	0	9,228	4,614.00	4,614.00	50.0%
1050050	6382	CUSTODIAN SERVICES	52,800	0	52,800	21,445.00	31,355.00	40.6%
1050050	6383	PEST CONTROL	2,100	0	2,100	1,970.00	130.00	93.8%
TOTAL GENERAL & ADMINISTRATIVE			1,897,024	0	1,897,024	1,261,742.05	635,281.95	66.5%
1050053 G & A - INFORMATION TECHNOLOGY								
1050053	IT71	INTERNET SERVICE	7,850	0	7,850	3,513.63	4,336.37	44.8%
1050053	IT72	HARDWARE-DATA PROC	33,250	0	33,250	10,916.80	22,333.20	32.8%
1050053	IT73	SOFTWARE-DATA PROC	107,350	0	107,350	34,353.94	72,996.06	32.0%
1050053	IT74	IT MOBILE	20,500	0	20,500	20,976.54	-476.54	102.3%*
TOTAL G & A - INFORMATION TECHNOLOGY			168,950	0	168,950	69,760.91	99,189.09	41.3%
1050054 G & A - FLEET/FUEL								
1050054	5502	VEHICLE MAINTENANC	80,000	0	80,000	53,957.43	26,042.57	67.4%
1050054	5603	1006 GASOLINE.	35,000	0	35,000	17,050.79	17,949.21	48.7%
1050054	5603	1008 DIESEL FUEL	150,000	0	150,000	65,396.16	84,603.84	43.6%
TOTAL G & A - FLEET/FUEL			265,000	0	265,000	136,404.38	128,595.62	51.5%
1052052 DEBT SERVICE								
1052052	5801	INTEREST PAID-1993	2,090,924	0	2,090,924	1,045,462.01	1,045,461.99	50.0%

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FOR 2023 07								
ACCOUNTS FOR: 10 OPERATING FUND		ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1052052 5901	PRINCIPAL PAID-199	4,576,000	0	4,576,000	.00	.00	4,576,000.00	.0%
1052052 6122	2015 TRUSTEE FEES	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6125	TRUSTEE FESS 2017A	1,750	0	1,750	.00	.00	1,750.00	.0%
1052052 6126	TRUSTEE FEE 2017B	2,640	0	2,640	.00	.00	2,640.00	.0%
1052052 6127	TRUSTEE FEE 2018	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6128	TRUSTEE FEE 2020	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6129	TRUSTEE FEE 20A	1,650	0	1,650	1,650.00	.00	.00	100.0%
1052052 6130	TRUSTEE FEE 21	1,650	0	1,650	3,300.00	.00	-1,650.00	200.0%*
1052052 6131	TRUSTEE FEE 21A	1,650	0	1,650	.00	.00	1,650.00	.0%
1052052 6132	TRUSTEE FEE 22	1,750	0	1,750	1,750.00	.00	.00	100.0%
TOTAL DEBT SERVICE		6,682,964	0	6,682,964	1,057,112.01	.00	5,625,851.99	15.8%
1060019 WWTP - LABORATORY								
1060019 5001	SUPERVISOR LABOR	87,497	0	87,497	49,812.93	.00	37,684.07	56.9%
1060019 5002	REGULAR LABOR	155,100	0	155,100	81,935.66	.00	73,164.34	52.8%
1060019 5003	OVERTIME LABOR	1,000	0	1,000	54.49	.00	945.51	5.4%
1060019 5005	COMP TIME	0	0	0	893.71	.00	-893.71	100.0%*
1060019 5006	VACATION	0	0	0	21,358.07	.00	-21,358.07	100.0%*
1060019 5007	SICK	0	0	0	1,851.69	.00	-1,851.69	100.0%*
1060019 5008	PERSONAL DAY	0	0	0	3,351.43	.00	-3,351.43	100.0%*
1060019 5010	HOLIDAY	0	0	0	3,520.24	.00	-3,520.24	100.0%*
1060019 5101	FICA EXPENSE	15,041	0	15,041	9,023.83	.00	6,017.17	60.0%
1060019 5102	MEDICARE EXPENSE	3,518	0	3,518	2,110.23	.00	1,407.77	60.0%
1060019 5202	GROUP HEALTH INSUR	37,530	0	37,530	26,190.95	.00	11,339.05	69.8%
1060019 5203	PENSION (401) UAJA	16,505	0	16,505	11,368.16	.00	5,136.84	68.9%
1060019 5305	SMALL EQUIPMT/TOOL	150	0	150	1,461.85	.00	-1,311.85	974.6%*
1060019 5306	LAB SUPPLIES	25,000	0	25,000	23,009.88	.00	1,990.12	92.0%
1060019 5501	EQUIPMENT MAINTENA	3,500	0	3,500	32.61	.00	3,467.39	.9%
TOTAL WWTP - LABORATORY		344,841	0	344,841	235,975.73	.00	108,865.27	68.4%
1060022 TREATMENT PLANT MAINTENANCE								
1060022 5001	SUPERVISOR LABOR	41,593	0	41,593	38,637.46	.00	2,955.54	92.9%
1060022 5002	REGULAR LABOR	430,010	0	430,010	214,275.30	.00	215,734.70	49.8%
1060022 5003	OVERTIME LABOR	8,000	0	8,000	1,756.01	.00	6,243.99	22.0%
1060022 5006	VACATION	0	0	0	19,157.83	.00	-19,157.83	100.0%*
1060022 5007	SICK	0	0	0	16,041.69	.00	-16,041.69	100.0%*

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FOR 2023 07								
ACCOUNTS FOR:	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1060022	5008	PERSONAL DAY	0	0	7,723.23	.00	-7,723.23	100.0%*
1060022	5009	JURY/CIVIL/VOLUNTE	0	0	2,060.94	.00	-2,060.94	100.0%*
1060022	5010	HOLIDAY	0	0	12,841.41	.00	-12,841.41	100.0%*
1060022	5101	FICA EXPENSE	29,612	29,612	19,638.23	.00	9,973.77	66.3%
1060022	5102	MEDICARE EXPENSE	6,839	6,839	4,592.70	.00	2,246.30	67.2%
1060022	5202	GROUP HEALTH INSUR	124,564	124,564	67,503.75	.00	57,060.25	54.2%
1060022	5203	PENSION (401) UAJA	25,660	25,660	23,500.74	.00	2,159.26	91.6%
1060022	5304	OPERATIONAL SUPPLI	5,000	5,000	2,109.25	.00	2,890.75	42.2%
1060022	5305	SMALL EQUIPMT/TOOL	14,000	14,000	5,778.62	.00	8,221.38	41.3%
1060022	5501	EQUIPMENT MAINTENA	134,750	134,750	151,581.90	.00	-16,831.90	112.5%*
1060022	5501	6174 SCADIA MAINT	82,600	82,600	37,074.51	.00	45,525.49	44.9%
1060022	5501	6175 UV MAINT	32,000	32,000	426.44	.00	31,573.56	1.3%
1060022	5501	6283 SOLAR MAINTENA	120,000	120,000	60,069.36	.00	59,930.64	50.1%
1060022	5503	BUILDING & GROUND	35,000	35,000	19,339.83	.00	15,660.17	55.3%
1060022	5508	GRIT REMOVAL-PLANT	20,000	20,000	16,340.71	.00	3,659.29	81.7%
1060022	5603	FUEL, OIL, LUBRICA	25,000	25,000	11,032.36	.00	13,967.64	44.1%
1060022	6384	SOLAR GRAZING	17,180	17,180	8,590.00	.00	8,590.00	50.0%
1060022	7511	LANDSCAPE	40,000	40,000	14,551.52	.00	25,448.48	36.4%
TOTAL TREATMENT PLANT MAINTENANCE		1,191,808	0	1,191,808	754,623.79	.00	437,184.21	63.3%
1060023 MAIN STATION								
1060023	5002	B5001 REGULAR LABOR	0	0	7,791.66	.00	-7,791.66	100.0%*
1060023	5101	B5001 FICA EXPENSE	0	0	483.13	.00	-483.13	100.0%*
1060023	5102	B5001 MEDICARE EXPE	0	0	113.00	.00	-113.00	100.0%*
1060023	5202	B5001 GROUP HEALTH	0	0	1,481.20	.00	-1,481.20	100.0%*
1060023	5203	B5001 PENSION (401)	0	0	581.77	.00	-581.77	100.0%*
1060023	5505	B5001 PUMP STATION	75,000	75,000	16,621.62	.00	58,378.38	22.2%
1060023	5602	B5001 O&M MAIN STAT	39,000	39,000	43,394.64	.00	-4,394.64	111.3%*
TOTAL MAIN STATION		114,000	0	114,000	70,467.02	.00	43,532.98	61.8%
1060025 WWTP - IPP								
1060025	5001	SUPERVISOR LABOR	87,497	87,497	49,735.90	.00	37,761.10	56.8%
1060025	5006	VACATION	0	0	4,012.75	.00	-4,012.75	100.0%*
1060025	5007	SICK	0	0	144.00	.00	-144.00	100.0%*
1060025	5010	HOLIDAY	0	0	1,470.98	.00	-1,470.98	100.0%*
1060025	5101	FICA EXPENSE	5,425	5,425	3,455.23	.00	1,969.77	63.7%

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07								
ACCOUNTS FOR:			ORIGINAL	TRANFRS/	REVISED		AVAILABLE	PCT
10	OPERATING FUND		APPROP	ADJSTMTS	BUDGET	YTD ACTUAL	BUDGET	USE/COL
1060025	5102	MEDICARE EXPENSE	1,269	0	1,269	808.12	460.88	63.7%
1060025	5202	GROUP HEALTH INSUR	14,616	0	14,616	11,364.92	3,251.08	77.8%
1060025	5203	PENSION (401) UAJA	8,750	0	8,750	4,786.14	3,963.86	54.7%
1060025	5305	SMALL EQUIPMT/TOOL	400	0	400	.00	400.00	.0%
1060025	5410	ANALYSIS	3,000	0	3,000	.00	3,000.00	.0%
1060025	5501	EQUIPMENT MAINTENA	1,000	0	1,000	.00	1,000.00	.0%
TOTAL WWTP - IPP			121,957	0	121,957	75,778.04	46,178.96	62.1%
1060028 WWTP - BENEFICIAL REUSE								
1060028	5001	SUPERVISOR LABOR	41,593	0	41,593	27,451.36	14,141.64	66.0%
1060028	5006	VACATION	0	0	0	582.38	-582.38	100.0%*
1060028	5007	SICK	0	0	0	57.15	-57.15	100.0%*
1060028	5010	HOLIDAY	0	0	0	942.74	-942.74	100.0%*
1060028	5101	FICA EXPENSE	2,579	0	2,579	1,800.08	778.92	69.8%
1060028	5102	MEDICARE EXPENSE	603	0	603	420.99	182.01	69.8%
1060028	5202	GROUP HEALTH INSUR	9,902	0	9,902	5,253.43	4,648.57	53.1%
1060028	5203	PENSION (401) UAJA	4,160	0	4,160	2,146.46	2,013.54	51.6%
1060028	5304	OPERATIONAL SUPPLI	17,000	0	17,000	.00	17,000.00	.0%
1060028	5304	1065 OPERATIONAL SU	490,000	0	490,000	303,375.48	186,624.52	61.9%
1060028	5305	SMALL EQUIPMT/TOOL	2,000	0	2,000	34.99	1,965.01	1.7%
1060028	5410	LAB ANALYSIS	10,000	0	10,000	4,520.00	5,480.00	45.2%
1060028	5501	EQUIPMENT MAINTENA	150,000	0	150,000	159,374.95	-9,374.95	106.2%*
1060028	5602	1064 POWER	200,000	0	200,000	117,752.62	82,247.38	58.9%
1060028	5605	CTWA REIMBURSE	70,000	0	70,000	50,362.44	19,637.56	71.9%
TOTAL WWTP - BENEFICIAL REUSE			997,837	0	997,837	674,075.07	323,761.93	67.6%
1060029 WWTP - DEWATERING								
1060029	5001	SUPERVISOR LABOR	41,593	0	41,593	27,451.36	14,141.64	66.0%
1060029	5002	REGULAR LABOR	135,398	0	135,398	67,398.05	67,999.95	49.8%
1060029	5003	OVERTIME LABOR	3,500	0	3,500	1,908.31	1,591.69	54.5%
1060029	5006	VACATION	0	0	0	3,210.03	-3,210.03	100.0%*
1060029	5007	SICK	0	0	0	723.15	-723.15	100.0%*
1060029	5008	PERSONAL	0	0	0	1,736.24	-1,736.24	100.0%*
1060029	5009	JURY/CIVIL/VOLUNTE	0	0	0	288.00	-288.00	100.0%*
1060029	5010	HOLIDAY	0	0	0	4,500.29	-4,500.29	100.0%*
1060029	5101	FICA EXPENSE	11,160	0	11,160	6,647.34	4,512.66	59.6%

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 User: sweight
 Program ID: glytdbud

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07								
ACCOUNTS FOR:			ORIGINAL	TRANFRS/	REVISED		AVAILABLE	PCT
10	OPERATING FUND		APPROP	ADJSTMTS	BUDGET	YTD ACTUAL	BUDGET	USE/COL
1060029	5102	MEDICARE EXPENSE	2,611	0	2,611	1,554.66	.00	59.5%
1060029	5202	GROUP HEALTH INSUR	61,070	0	61,070	32,433.38	.00	53.1%
1060029	5203	PENSION (401) UAJA	10,930	0	10,930	7,867.03	.00	72.0%
1060029	5304	OPERATIONAL SUPPLI	500	0	500	28.97	.00	5.8%
1060029	5304	1036 POLYMER	70,000	0	70,000	51,920.00	.00	74.2%
1060029	5501	EQUIPMENT MAINTENA	125,000	0	125,000	62,350.29	.00	49.9%
1060029	5602	1042 POWER-DEWATERI	85,000	0	85,000	53,523.95	.00	63.0%
TOTAL WWTP - DEWATERING			546,762	0	546,762	323,541.05	.00	59.2%
1060030 WWTP - COMPOST								
1060030	5001	SUPERVISOR LABOR	41,593	0	41,593	27,486.76	.00	66.1%
1060030	5002	REGULAR LABOR	257,860	0	257,860	96,417.41	.00	37.4%
1060030	5003	OVERTIME LABOR	21,000	0	21,000	19,787.80	.00	94.2%
1060030	5006	VACATION	0	0	0	867.00	.00	100.0%*
1060030	5007	SICK	0	0	0	2,071.29	.00	100.0%*
1060030	5008	PERSONAL	0	0	0	2,739.37	.00	100.0%*
1060030	5009	JURY/CIVIL/VOLUNTE	0	0	0	842.92	.00	100.0%*
1060030	5010	HOLIDAY	0	0	0	8,185.42	.00	100.0%*
1060030	5101	FICA EXPENSE	20,039	0	20,039	9,962.76	.00	49.7%
1060030	5102	MEDICARE EXPENSE	4,687	0	4,687	2,330.03	.00	49.7%
1060030	5202	GROUP HEALTH INSUR	52,171	0	52,171	42,240.17	.00	81.0%
1060030	5203	PENSION (401) UAJA	17,053	0	17,053	6,261.24	.00	36.7%
1060030	5304	OPERATIONAL SUPPLI	2,000	0	2,000	200.48	.00	10.0%
1060030	5304	1038 COMPOST AMEND	75,000	0	75,000	92,260.00	.00	123.0%*
1060030	5305	SMALL EQUIPMT/TOOL	2,500	0	2,500	1,946.33	.00	77.9%
1060030	5409	LICENSE & FEES	5,000	0	5,000	12,441.74	.00	248.8%*
1060030	5410	LAB ANALYSIS	8,500	0	8,500	4,794.00	.00	56.4%
1060030	5415	VECTOR CONTROL	0	0	0	6,120.19	.00	100.0%*
1060030	5501	EQUIPMENT MAINTENA	80,000	0	80,000	24,955.47	.00	31.2%
1060030	5506	1032 SKID STEER 184	5,000	0	5,000	5,512.08	.00	110.2%*
1060030	5506	1033 FRONT END LOAD	12,000	0	12,000	5,472.73	.00	45.6%
1060030	5506	1055 STREET SWEEPER	5,000	0	5,000	2,320.02	.00	46.4%
1060030	5506	1062 CAT SKID STEER	8,000	0	8,000	3,477.79	.00	43.5%
1060030	5506	1071 LOADER MAINT 6	5,000	0	5,000	2,624.89	.00	52.5%
1060030	5506	1072 TROMMEL	5,000	0	5,000	372.00	.00	7.4%
1060030	5602	1041 POWER-COMPOST	100,000	0	100,000	96,343.11	.00	96.3%
1060030	5603	1007 NATURAL GAS -	170,000	0	170,000	129,845.77	.00	76.4%
TOTAL WWTP - COMPOST			897,403	0	897,403	607,878.77	.00	67.7%
1060032 TREATMENT PLANT OPERATION								
1060032	5001	SUPERVISOR LABOR	41,593	0	41,593	27,451.36	.00	66.0%

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07									
ACCOUNTS FOR:	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL	
1060032	5002	REGULAR LABOR	690,759	0	690,759	260,418.85	.00	430,340.15	37.7%
1060032	5003	OVERTIME LABOR	115,000	0	115,000	139,444.36	.00	-24,444.36	121.3%*
1060032	5004	SHIFT LABOR	12,500	0	12,500	5,525.63	.00	6,974.37	44.2%
1060032	5006	VACATION	0	0	0	16,643.40	.00	-16,643.40	100.0%*
1060032	5007	SICK	0	0	0	7,704.06	.00	-7,704.06	100.0%*
1060032	5008	PERSONAL DAY	0	0	0	4,032.18	.00	-4,032.18	100.0%*
1060032	5010	HOLIDAY	0	0	0	17,897.02	.00	-17,897.02	100.0%*
1060032	5101	FICA EXPENSE	49,126	0	49,126	30,077.91	.00	19,048.09	61.2%
1060032	5102	MEDICARE EXPENSE	11,489	0	11,489	7,034.44	.00	4,454.56	61.2%
1060032	5202	GROUP HEALTH INSUR	207,366	0	207,366	114,970.05	.00	92,395.95	55.4%
1060032	5203	PENSION (401) UAJA	38,698	0	38,698	23,163.14	.00	15,534.86	59.9%
1060032	5204	OVERHEAD	500	0	500	.00	.00	500.00	.0%
1060032	5304	OPERATION SUPPLIES	0	0	0	1,388.47	.00	-1,388.47	100.0%*
1060032	5304	1034 ALUM	225,000	0	225,000	142,925.78	.00	82,074.22	63.5%
1060032	5304	1070 CARBON SUPPLEM	285,000	0	285,000	218,223.22	.00	66,776.78	76.6%
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	11,300.00	.00	-2,300.00	125.6%*
1060032	5410	ANALYSIS	22,000	0	22,000	16,023.50	.00	5,976.50	72.8%
1060032	5499	MISCELLANEOUS OUTS	50,000	0	50,000	1,757.00	.00	48,243.00	3.5%
1060032	5602	1043 POWER-PLANT	625,000	0	625,000	505,995.98	.00	119,004.02	81.0%
TOTAL TREATMENT PLANT OPERATION			2,397,281	0	2,397,281	1,566,226.35	.00	831,054.65	65.3%
1070021 COLLECTION-MAINTENANCE									
1070021	5001	SUPERVISOR LABOR	141,812	0	141,812	57,327.37	.00	84,484.63	40.4%
1070021	5002	REGULAR LABOR	1,119,501	0	1,119,501	317,316.81	.00	802,184.19	28.3%
1070021	5002	6172 REGULAR LABOR	0	0	0	45,609.20	.00	-45,609.20	100.0%*
1070021	5002	6336 N OAK LANE	0	0	0	1,948.77	.00	-1,948.77	100.0%*
1070021	5002	6362 REGULAR LABOR	0	0	0	131,610.05	.00	-131,610.05	100.0%*
1070021	5002	B5002 REGULAR LABOR	0	0	0	5,281.83	.00	-5,281.83	100.0%*
1070021	5002	B5003 REGULAR LABOR	0	0	0	5,340.73	.00	-5,340.73	100.0%*
1070021	5002	B5004 REGULAR LABOR	0	0	0	5,222.84	.00	-5,222.84	100.0%*
1070021	5003	OVERTIME LABOR	30,000	0	30,000	16,831.69	.00	13,168.31	56.1%
1070021	5006	VACATION	0	0	0	28,371.35	.00	-28,371.35	100.0%*
1070021	5007	SICK	0	0	0	39,495.42	.00	-39,495.42	100.0%*
1070021	5008	PERSONAL	0	0	0	6,066.76	.00	-6,066.76	100.0%*
1070021	5009	JURY/CIVIL/VOLUNTE	0	0	0	268.08	.00	-268.08	100.0%*
1070021	5010	HOLIDAY	0	0	0	33,331.74	.00	-33,331.74	100.0%*
1070021	5101	FICA EXPENSE	79,442	0	79,442	41,652.24	.00	37,789.76	52.4%
1070021	5101	6172 FICA EXPENSE	0	0	0	2,827.78	.00	-2,827.78	100.0%*
1070021	5102	MEDICARE EXPENSE	18,579	0	18,579	9,741.09	.00	8,837.91	52.4%

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07									
ACCOUNTS FOR:	10	OPERATING FUND	ORIGINAL APPROP	TRANFRS/ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
1070021	5102	6172	MEDICARE EXPEN	0	0	661.31	.00	-661.31	100.0%*
1070021	5202		GROUP HEALTH INSUR	356,344	356,344	154,013.33	.00	202,330.67	43.2%
1070021	5202	6172	GROUP HEALTH I	0	0	12,772.51	.00	-12,772.51	100.0%*
1070021	5203		PENSION (401) UAJA	70,157	70,157	48,344.16	.00	21,812.84	68.9%
1070021	5203	6172	PENSION (401)	0	0	3,236.78	.00	-3,236.78	100.0%*
1070021	5305		SMALL EQUIPMT/TOOL	20,000	20,000	6,077.82	.00	13,922.18	30.4%
1070021	5504		SEWER LINE MAINTEN	100,000	100,000	69,397.87	.00	30,602.13	69.4%
1070021	6385		GIS AND MAPPING	63,000	63,000	37,474.92	.00	25,525.08	59.5%
1070021	ER01		RENTAL OF EQUIPMEN	1,000	1,000	220.00	.00	780.00	22.0%
1070021	ER14		RENTAL LOWBOY	5,000	5,000	.00	.00	5,000.00	.0%
1070021	PV01		TRENCH PAVING-CONT	20,000	20,000	.00	.00	20,000.00	.0%
TOTAL COLLECTION-MAINTENANCE			2,024,835	0	2,024,835	1,080,442.45	.00	944,392.55	53.4%
1070022 CONSTRUCT EQUIP MAINTENANCE									
1070022	5501		SMALL EQUIPMENT MA	8,000	8,000	3,575.13	.00	4,424.87	44.7%
1070022	5506		LG. CONSTR. EQUIP	80,000	80,000	31,032.57	.00	48,967.43	38.8%
TOTAL CONSTRUCT EQUIP MAINTENANCE			88,000	0	88,000	34,607.70	.00	53,392.30	39.3%
1070034 COLLECTION-INSPECTION									
1070034	5001		SUPERVISOR LABOR	141,812	141,812	57,327.59	.00	84,484.41	40.4%
1070034	5002		REGULAR LABOR	230,740	230,740	104,925.82	.00	125,814.18	45.5%
1070034	5002	B5481	REGULAR LABOR	0	0	108.00	.00	-108.00	100.0%*
1070034	5002	B5485	REGULAR LABOR	0	0	1,314.00	.00	-1,314.00	100.0%*
1070034	5002	B5488	REGULAR LABOR	0	0	866.96	.00	-866.96	100.0%*
1070034	5003		OVERTIME LABOR	11,000	11,000	7,209.77	.00	3,790.23	65.5%
1070034	5006		VACATION	0	0	12,570.78	.00	-12,570.78	100.0%*
1070034	5007		SICK	0	0	4,416.66	.00	-4,416.66	100.0%*
1070034	5008		PERSONAL	0	0	3,401.48	.00	-3,401.48	100.0%*
1070034	5009		JURY/CIVIL/VOLUNTE	0	0	290.64	.00	-290.64	100.0%*
1070034	5010		HOLIDAY	0	0	8,256.39	.00	-8,256.39	100.0%*
1070034	5101		FICA EXPENSE	23,750	23,750	13,144.32	.00	10,605.68	55.3%
1070034	5102		MEDICARE EXPENSE	5,555	5,555	3,074.00	.00	2,481.00	55.3%
1070034	5202		GROUP HEALTH INSUR	53,340	53,340	38,619.56	.00	14,720.44	72.4%
1070034	5203		PENSION (401) UAJA	25,719	25,719	16,939.08	.00	8,779.92	65.9%
1070034	5304		OPERATIONAL SUPPLI	4,000	4,000	1,878.27	.00	2,121.73	47.0%
1070034	5305		SMALL EQUIPMT/TOOL	500	500	9.19	.00	490.81	1.8%

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07								
ACCOUNTS FOR:	ORIGINAL	TRANFRS/	REVISED			AVAILABLE	PCT	
10 OPERATING FUND	APPROP	ADJSTMTS	BUDGET	YTD ACTUAL	ENCUMBRANCES	BUDGET	USE/COL	
1070034 5507 SEWER LINE INSPEC/	0	0	0	781.44	.00	-781.44	100.0%*	
1070034 5507 B5461 WHITEHALL ROA	0	0	0	1,150.00	.00	-1,150.00	100.0%*	
1070034 5507 B5464 RHODES LANE	0	0	0	750.00	.00	-750.00	100.0%*	
1070034 5507 B5481 INSPECTION EN	0	0	0	650.00	.00	-650.00	100.0%*	
1070034 5507 B5487 INSPECTION EN	0	0	0	650.00	.00	-650.00	100.0%*	
1070034 5507 B5488 INSPECTION EN	0	0	0	200.63	.00	-200.63	100.0%*	
TOTAL COLLECTION-INSPECTION	496,416	0	496,416	278,534.58	.00	217,881.42	56.1%	
1070036 COLLECTION-PUMP STATION								
1070036 5305 SMALL EQUIPMT/TOOL	1,000	0	1,000	.00	.00	1,000.00	.0%	
1070036 5501 EQUIPMENT MAINTENA	20,000	0	20,000	1,872.96	.00	18,127.04	9.4%	
1070036 5505 O & M PUMP STATION	70,000	0	70,000	29,498.43	.00	40,501.57	42.1%	
1070036 5505 B5002 O & M CLASTER	300	0	300	.00	.00	300.00	.0%	
1070036 5505 B5003 O & M NORTH M	300	0	300	.00	.00	300.00	.0%	
1070036 5505 B5004 O & M SOUTH M	300	0	300	.00	.00	300.00	.0%	
1070036 5602 POWER	62,000	0	62,000	26,042.57	.00	35,957.43	42.0%	
1070036 5602 B5002 POWER-CLASTER	500	0	500	65.80	.00	434.20	13.2%	
1070036 5602 B5004 POWER-SOUTH M	500	0	500	78.32	.00	421.68	15.7%	
1070036 5603 PUMP STATION PROPA	3,000	0	3,000	977.80	.00	2,022.20	32.6%	
TOTAL COLLECTION-PUMP STATION	157,900	0	157,900	58,535.88	.00	99,364.12	37.1%	
TOTAL OPERATING FUND	26,164,342	0	26,164,342	3,419,054.12	.00	22,745,287.88	13.1%	
TOTAL REVENUES	-18,478,166	0	-18,478,166	-8,721,486.35	.00	-9,756,679.65		
TOTAL EXPENSES	44,642,508	0	44,642,508	12,140,540.47	.00	32,501,967.53		

UNIVERSITY AREA JOINT AUTHORITY



YEAR-TO-DATE BUDGET REPORT

FOR 2023 07

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD ACTUAL	ENCUMBRANCES	AVAILABLE BUDGET	PCT USE/COL
GRAND TOTAL	26,164,342	0	26,164,342	3,419,054.12	.00	22,745,287.88	13.1%

** END OF REPORT - Generated by Sierra Weight **



UNIVERSITY AREA JOINT AUTHORITY

To: UAJA Board
 From: Jason Brown
 Re: Financial Report - End of July 2023

Cash Accounts

General Checking	\$113,313.05
Payroll Checking	\$5,978.86
PLIGIT Checking	\$1,585.28
Petty Cash	\$79.90

Revenue Fund Accounts

Revenue Sweep	\$312,549.05
Revenue Trustee	\$1,558,183.48

Savings Accounts

PLIGIT Plus	\$8,857.69
93 BRIF	\$2,069,245.10
Emmaus BRIF	\$0.00

TOTAL LIQUID ASSETS **\$4,069,792.41**

Dedicated Accounts

2015 DSF	\$239.50
2017A DSF	\$164.38
2017 B & C DSF	\$806.94
2018 DSF	\$310.60
2020 DSF	\$6,534.41
2020A DSF	\$3.61
2021 DSF	\$4.40
2021A DSF	\$1,016.67
2022 DSF	\$4,793.84
2020A Construction Fund	\$2,347,843.52
2021 Construction Fund	\$8,819,646.44
2020A Capitalized Interest Fund	\$0.41
2021 Capitalized Interest Fund	\$0.33

TOTAL DEDICATED ASSETS **\$11,181,365.05**

Restricted Accounts

93 Oper. Expense Reserve	\$308,389.78
93 Debt Service Reserve	\$6,722,539.42

\$7,030,929.20

Receivables Outstanding

UAJA Sewer	\$2,118,895.17
UAJA Surcharge	\$33,044.00
Borough Sewer	\$2,388,151.03
PGM Sewer	\$64,911.87
PSU Sewer	\$15,579.55

TOTAL OUTSTANDING **\$4,620,581.62**

**COMPOST AND SEPTAGE OPERATIONS REPORT
JULY 2023**

COMPOST PRODUCTION AND DISTRIBUTION

UNITS IN CU/YDS	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023	JULY 2023
PRODUCTION	718	840	655	753	575	803
YTD PRODUCTION	1,611	2,451	3,106	3,859	4,434	5,237
DISTRIBUTION	840	452	1,150	557	805	423
YTD DISTRIBUTION	1,955	2,407	3,557	4,113	4,918	5,341
IMMEDIATE SALE	1,491	1,758	1,448	1,546	1,494	1,646
CURRENTLY IN STORAGE	2,331	2,598	2,103	2,299	2,069	2,449

SEPTAGE OPERATIONS

LBS/SOLIDS

	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023	JULY 2023
PORT MATILDA	433	2,631	1,237	1,981	1,843	1,681
HUSTON TOWNSHIP	617	300	537	307	350	306

TOTAL GALLONS

	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUNE 2023	JULY 2023
RESIDENTIAL/COMMERCIAL	5,000	5,200	13,800	20,100	10,450	6,950
PORT MATILDA	6,500	17,500	13,000	19,500	19,500	19,500
HUSTON TOWNSHIP	6,000	6,000	6,000	8,000	6,000	8,000
TOTAL GALLONS	17,500	28,700	32,800	47,600	35,950	34,450

SUPERINTENDENT'S REPORT

For the month of July 2023
Andrew Breon, Superintendent

PLANT OPERATION

The facility is operating well. The 12-month rolling average effluent flow for July was 3.58 MGD with the average for the month being 3.31 MGD. The average monthly influent flow was 4.56 MGD.

On-line treatment units: primary clarifiers #1, #2, and #6; aeration basins #1 and #2; secondary clarifiers #1, #3 and #4, and eight de-nitrification filters.

DEP inspected the facility on July 10, 2023.

Reuse Water Distribution Data

	July 2023	Year to date gallons
Best Western Hotel	33,000	231,000
Centre Hills Golf	6,855,000	25,861,000
Stewart Drive		5,800
Collections Garage	3,000	13,000
CINTAS	502,000	4,058,000
Red Line	223,000	3,126,000
Plant site	3,910,000	31,196,000
GDK Park vault	30,240,000	199,965,000
Kissinger's Pond	0	8,122,000
Elks	880,000	6,404,000
Total Gallons	42,646,000	278,981,800
Plant effluent temperature	67.4°	
Wetland temperature	70.9°	

PLANT MAINTENANCE

- Repaired the suction piping for the Grit Chamber.
- Replaced the impellor in the Utility Water Pump.
- Replaced the diaphragms in Primary Pumps #5 and #7.
- Repaired field wiring for Aeration Train #3 tank mixers.
- Replaced the pressure reducing valve in the AWT Building utility water line.
- Replaced the chain in the Knight Mixer and hydraulic cylinder on Composter #1.
- Replaced the air-conditioning unit in the Dewatering Building office.

COLLECTION SYSTEM SUPERINTENDENT'S REPORT

Activities for the month of July 2023

Daren Brown, Superintendent

MAINLINE MAINTENANCE:

New Laterals – 0

Mainline Cleaning – 0 ft cleaned/cut with root cutter

Mainline televising – 26,011 ft televised – 168 manholes inspected (11,000ft of interceptor through the Mill Brook Marsh was done overnight)

Paving, concrete (curb and sidewalk) and restoration of yards is all complete on the North Oak project

Reset 2 casting (Blue Course Dr., Boro Dump)

LIFT STATION MAINTENANCE:

Cleaned (15) wet wells.

Replaced E-One grinder pump at (116 Roundhill Rd.)

Replaced E-One grinder pump at (118 Forbes Field Rd.)

NEXT MONTH PROJECTS:

New lateral tap for Arize Bank (Benner Pike)

New lateral tap for Geisinger addition (Grays woods)

Main line replacement (South Barkway)

Start East Hillside Project

Casting adjustments for paving projects.

Continue televising mainline

INSPECTION:

(1) Canterbury Crossings Phase 3 and 4 – Complete

(2) Aspen Heights -Complete

MAINLINE CONSTRUCTION:

a) Toftrees West (Mount Nittany Medical Center) 90% Complete

NEW CONNECTIONS:

a.	Single-Family Residential	3	c.	Commercial	0
b.	Multi-Family Residential	1	d.	Non-Residential	0

TOTAL 4

PA One-Calls Responded to July 1 thru 31 = 323



CONSULTING ENGINEER'S REPORT

UNIVERSITY AREA JOINT AUTHORITY

HRG Project Number: 001178.0693

August 16, 2023

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

RETAINER SERVICES (R001178.0693)

- Reviewed alternative manhole lining products submitted by Developer's Contractor.
- Modeled system pressures and fire flow potential along Stewart Drive for a proposed development.

MEEKS LANE PUMP STATION – ACT 537 PLAN SPECIAL STUDY (R001178.0663)

- Authority staff is reviewing the alternative pump station location near Waddle with Patton Township.

SCOTT ROAD PUMP STATION AND BRISTOL INTERCEPTOR (R001178.0682)

- The General Contractor is completing final punch list items.
- The Electrical Contractor is completing final punch list items.
- The following summarizes the applications for payment received this month.
 - 2021-03 – AFP No. 7 has been marked down from the amount requested since several punch list items have not been completed.

SCOTT ROAD PUMP STATION UPGRADE					
SUMMARY OF APPLICATIONS FOR PAYMENT					
Contract No.	Application for Payment No.	Amount Due	Current Contract Price	Total Completed and Stored	Balance to Finish Plus Retainage
2021-03	7	\$20,250.00	\$515,303.23	\$515,303.23	\$6,600.00
2021-04	12	\$9,148.90	\$262,972.92	\$262,972.92	\$15,300.00

- Both Contractors have submitted time extension requests. Justifying documentation is being compiled and reviewed. The Electrical Contractor has been slow to respond to requests for documentation.

PERSIA PUMP STATION EVALUATION (P001178.0724)

- An existing conditions survey was completed for critical infrastructure.
- An EDU build-out and flow projection analysis is being completed based on the 2017 Centre Region Regional Development Capacity Report.
- A meeting is being scheduled with College Township to obtain additional information regarding other preliminary developments and plans.

PUDDINTOWN INTERCEPTOR ACT 537 SPECIAL STUDY (P001178.0725)

- The Task Activity Report (TAR) for the study was prepared and submitted to the Centre Regional Planning Agency (CRPA) for distribution to the participating entities in accordance with the CRPA approval process. The TAR schedule is:
 - August 18, 2023 – comments from reviewing entities due to the CRPA
 - August 21 at 8:30 Millbrook Marsh Project Coordination meeting – discuss the Special Study process and preliminary comments on the TAR
 - September 1, 2023 – UAJA response to comments due to the CRPA
 - September 7, 2023 – COG LUCI Committee meeting at 12:15 pm
 - September 7, 2023 – CRPC meeting at 7:00 pm.
 - September 11, 2023 – Submission of TAR to DEP (pending approval at CRPC meeting)
- Field data was collected for the Puddintown Interceptor manholes. The hydraulic sewer model is being updated based on the acquired field data.
- The background sections of the study are being developed.

DEVELOPER PLAN REVIEWS:

- There were no plan reviews this past month.

Herbert, Rowland & Grubic, Inc.



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

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**University Area Joint Authority
 Summation of Project Activities**

August 2023

WWTP NPDES Permit – Phosphorus Study (094612027)

- Continuous in-stream monitoring of Spring Creek wrapped up at the end of October. We are compiling data for review with PA DEP.

Phosphorus Study Project Schedule

Milestone	Date
Complete stream monitoring and compile data	November – December 2022
Review final data with PADEP	TBD Awaiting Feedback
Conduct High Temperature/Low Flow Monitoring if needed	TBD

Ozone Disinfection for Effluent (094612023)

- The General Contractor (PSI) is continuing with the process piping, including testing, inside the new Ozone Building. The last pieces of equipment are anticipated to be shipped at the end of August. The ozone equipment manufacturer will be on site at that time to begin checking and commissioning equipment.

Payment Requests To Date

Contract Number	Application for Payment #	Current Payment Due	Contract Price To Date incld/CO	Total Work To Date	% Monetarily Complete	Balance of Contract Amount
2021-05 GC	14	\$86,849.00	\$5,448,000.00	\$4,828,020.00	88.62%	\$861,381.00
2021-06 EC	8	\$34,437.50	\$350,000.00	\$263,275.00	75.22%	\$99,888.75
2021-07 MC	8	\$16,027.93	\$223,000.00	\$215,881.50	96.81%	\$17,912.58
		\$137,314.43	\$6,021,000.00	\$5,307,176.50	88.14%	\$979,182.33

Contract 2021-05 (PSI) has submitted Application for Payment No. 14 in the amount of \$86,849.00. We recommend payment in the amount of \$86,849.00. Contract 2021-06 (PSI) has submitted Application for Payment No. 8 in the amount of \$34,437.50. We recommend payment in the amount of \$34,437.50. Contract 2021-07 (McClure) has submitted Application for Payment No. 8 in the amount of \$16,027.93. We recommend payment in the amount of \$16,027.93.

Ozone Disinfection for Effluent Project Schedule

Milestone	Date
Notice to Proceed Issued	12/27/2021
Substantial Completion	03/27/2023
Projected Substantial Completion Date (per Contractor)	10/10/2023

Anaerobic Digestion Project (094612026)

- Bid extension was issued via Addendum No. 04 issued July 27th. Bid opening is now scheduled for Wednesday, September 6th at 2:00 PM.
- We continue to address request for information/clarifications submitted by potential bidders.
- College Township Council has conditionally approved the land development plan.
- CFA has postponed their decision on grant awards until their September board meeting.

Anaerobic Digestion Project Schedule

Milestone	Date
Updated Biogas Term Sheets and Biosolids Agreements to Stakeholders	Week of December 12th
Submission of Land Development Plan	May 19, 2023
Submission of Building Permit Application	Week of July 10th
Complete Bidding Documents/Advertise for Bids	Week of June 5th
Bids Due for Construction	September 6, 2023
CFA Meeting Grant Announcement/Bid Award (Likely)	September 19, 2023
Begin Construction	October 2023
Complete Construction	January 2025

Modifications to GD Kissinger Meadow Stream Augmentation

- The Authority's pending NPDES permit for the discharge of beneficial reuse water to Slab Cabin Run requires a series of modifications in control and monitoring. The changes will require modulation of the flows to the stream via SCADA, to avoid abrupt changes in stream flow. Additionally, we anticipate essentially a non-detect chlorine limit which will require de-chlorination prior to stream discharge. We are working with staff to design, permit, and implement these modifications.

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EXECUTIVE DIRECTOR'S REPORT

August 16, 2023

INFORMATION ITEMS

State College Borough Delinquency

The unpaid balance for the State College Borough is \$1,289,251.03. This amount includes penalties.

ACTION ITEMS

3. Public Comment

3.1 Other items not on the agenda

4. Old Business

4.1 Puddintown Road Act 537 Plan Special Study Task Activity Report

An Act 537 Plan Special Study is being initiated to evaluate options for resolving the capacity deficiency identified as a result of the State College Borough Calder Way sewer project. The first step required to initiate a special study is to submit a Task Activity Report (TAR) to the Department of Environmental Protection (DEP) for approval. In the Centre Region, the TAR is also submitted to the Centre Region Land Use and Community Infrastructure (LUCI) Committee and Centre Region Planning Commission for approval before it is submitted to DEP. The draft TAR is included in the agenda report. Ben Burns of HRG will discuss the TAR and answer questions.

Recommendation: Discussion Only (No Action Required).

5. New Business

5.1 Requisitions

BRIF #789	EBY Paving N. Oak Lane West Project	\$22,563.34
BRIF #790	HRI, Inc. N. Oak Lane West Project	\$26,068.11
BRIF #791	Hajoca Corp. Aeration System Upgrade	\$480.48
BRIF #792	S & C Operations N. Oak Lane West Project	\$8,606.25
BRIF #793	Centre Concrete Co. N. Oak Lane West Project	\$1,499.00
BRIF #794	Glossner's Concrete N. Oak Lane West Project	\$4,573.38

BRIF #795	CDW Government MS Visio & Office 365 Renewals	\$12,408.00
BRIF #796	Geiger Pump & Equipment Aeration Diffusers	\$49,140.00
BRIF #797	Best Line Equipment N. Oak Lane West Project	\$1,520.00
BRIF #798	Filmtec Corporation AWT Membranes	\$82,645.00
BRIF #799	Siteone Landscape N. Oak Lane West Project	\$356.74
BRIF #800	Groff Tractor & Equipment Trench Boxes	\$25,240.00
BRIF #801	Hach Company DO Probe Sensor Cap Replacement	\$2,716.00
BRIF #802	Morefield Wireless Communication Bridge	\$4,469.77
BRIF #803	Sherwin Williams Clarifier Paint and Supplies	\$3,806.72
BRIF #804	Landia, Inc. Stainless Steel Washers for Mixers	\$1,024.25
BRIF #805	John Nastase Construction Scott Road Project Pay App. #7	\$20,250.00
BRIF #806	Westmoreland Electric Services Scott Road Project Pay App #12	\$9,148.90
TOTAL BRIF-		\$276,515.94
Construction Fund #094	Rettew Ozone Disinfection Project	\$3,994.49
Construction Fund #095	Rettew Solids Drying Project	\$218,115.16
Construction Fund #096	PSI Pumping Solutions Ozone Disinfection Project Pay App. #14 (G)	\$86,849.00
Construction Fund #097	PSI Pumping Solutions Ozone Disinfection Project Pay App. #8 (E)	\$34,437.50

Construction Fund #098	McClure Company Ozone Disinfection Project Pay App. #8 (M)	\$16,027.93
TOTAL 2020 A CONSTRUCTION FUND-		\$359,424.08
Revenue Fund #199	Debt Service, Operation and Maintenance Expenses	\$1,000,000.00
TOTAL REVENUE FUND-		\$1,000,000.00

- 6. **Reports of Officers**
- 7. **Other Business**
- 8. **Adjournment**

CENTRE REGION ACT 537 SEWAGE FACILITIES PLAN UPDATE:

SPECIAL STUDY FOR THE PUDDINTOWN INTERCEPTOR

TASK/ACTIVITY REPORT

August 2023

This narrative details the intent and scope of the Centre Region Act 537 Sewage Facilities Plan Update: Special Study for the Puddintown Interceptor (Special Study) and details the individual work tasks that have been completed or will be completed under the various Chapters of the Special Study. This scope has been prepared in accordance with the most current Pennsylvania Department of Environmental Protection's (PA DEP) Act 537 Plan Content and Environmental Assessment Checklist (Checklist).

SPECIAL STUDY BACKGROUND

The University Area Joint Authority (UAJA) owns and operates the Centre Region's primary wastewater treatment facility, the Spring Creek Pollution Control Facility (SCPCF). Wastewater generated in five municipalities (College Township, Harris Township, Ferguson Township, Patton Township, and State College Borough) and a portion from the Pennsylvania State University (PSU) is conveyed to the SCPCF through a collection and conveyance system consisting of gravity lines, pump stations, and forcemains.

The UAJA works closely with the Centre Region Council of Governments (CRCOG) and the Centre Region Planning Agency (CRPA) and local municipal officials on regional planning activities to prepare its system to meet the future needs of the Centre Region. Since the conclusion of the most recent comprehensive regional Act 537 Plan (2006), the following additional studies have been completed:

- 2009 Amendment for the Big Hollow Interceptor Overflow Mitigation Project,
- 2016 Special Study for the Pennsylvania State University Water Reuse System,
- 2017 Update for the Extension of Beneficial Reuse Water (UAJA) Lines to Harris Township,
- 2018 Special Study to Upgrade the Penn State University Park Wastewater Treatment Plant,
- Special Study for PSU North Campus (*Task/Activity Report 2019*),
- 2020 Special Study for the Scott Road Pump Station and Bristol Interceptor,
- Special Study for Plant Effluent Ozone Disinfection (*Draft Report 2021*),
- Special Study for Biosolids Upgrade Facility (*Draft Report 2021*),
- Special Study for the Meeks Lane Pump Station (*Draft Report 2022*),
- 2023 Special Study for the Calder Way & Atherton Street Sewer Main Replacement Projects.

The UAJA's Puddintown Interceptor conveys wastewater flow from College and Harris Townships, along with a substantial portion of the flows from State College Borough (Borough). The Borough's Special Study for the Calder Way & Atherton Street Sewer Main Replacement Projects documented build-out conditions forecasted to exceed those accounted for in previous planning efforts. A preliminary hydraulic assessment of the Puddintown Interceptor, based on available data from 2006 Act 537 Plan, suggested potential surcharging at the projected build-out flow conditions. As noted in the Borough's Special Study for the Calder Way and Atherton Street, the CRCOG and the UAJA will undertake a Special Study for the Puddintown Interceptor, expected to commence within six (6) months of PA DEP approval of the Borough's Special Study.

This detailed scope discusses the plan format and tasks associated with the development and evaluation of alternatives for safely handling both existing and future flows through the Puddintown Interceptor.

PLAN FORMAT

The proposed Special Study will follow the established format as defined in the most current PA DEP Checklist. The following sections detail the specific tasks that will be completed under each Chapter.

Executive Summary

An Executive Summary will be prepared to provide the following information:

- Summary of goals for the Special Study,
- Summary of the most recent updates and revisions to the Centre Region Act 537 Sewage Facilities Plan,
- Review of the current Sewer Service Area,
- Summary of existing sewage facilities around and tributary to the Puddintown Interceptor,
- Summary of the current and future wastewater flow projections for the existing Sewer Service Area tributary to the Puddintown Interceptor, specifically including flow projections defined in the 2006 Act 537 Plan Update and in the Borough's 2023 Special Study for the Calder Way & Atherton Street Sewer Main Replacement Projects,
- Identification of collection and conveyance system limitations,
- Recommended alternative(s) for conveyance of sewage flows,
- Identification of estimated costs for recommended alternative(s),
- Project implementation schedule.

Chapter 1 – Previous Wastewater Planning

Previous wastewater planning completed in the Centre Region will be reviewed in Chapter 1 and will include a summary of previous Act 537 Plans and related documents. (TAR#1.A)

Chapter 2 – Physical and Demographic Analysis

A physical and demographic analysis will be completed using written descriptions and mapping. Mapping will use available data derived from county, state, and federal agencies. The following information will be included in Chapter 2:

- Description of current Sewer Service Area (i.e., municipal boundaries, growth boundaries, etc.), (TAR#2.A)
- Identification of Planning Area, (TAR#2.B-2.G)
 - Physical Characteristics
 - Soils
 - Geologic Features
 - Topography
 - Potable Water Supplies
 - Wetlands

Chapter 3 – Existing Sewage Facilities

Chapter 3 will review the existing facilities within the current Sewer Service Area and evaluate existing conditions within the outlying areas through the following specific tasks: (TAR#3.A)

- Description of current wastewater collection and conveyance facilities that make up the Puddintown Interceptor. This will include the collection of survey quality field data for horizontal and vertical location of critical interceptor components.
- Estimates of wastewater flows from current customers tributary to the Puddintown Interceptor.
- Tabulation and evaluation of available flow meter data from temporary meters installed by the UAJA and from the Cluster's Meter Station.
- Update the hydraulic model for the Puddintown Interceptor based on EDU counts and flow data.

Sanitary surveys will not be completed as part of this Special Study.

Chapter 4 – Future Growth and Development

Chapter 4 will review currently anticipated land development and will include the following tasks:

- Review of planned growth within the Puddintown Interceptor sewershed based on submitted land development plans and the most recent Regional Development Capacity Report completed by the CRPA. Future wastewater flow projections will be derived, in part, from the Borough's 2023 Special Study for the Calder Way & Atherton Street Sewer Main Replacement Projects. (TAR#4.A-4.B)

Chapter 5 – Identification of Alternatives for Wastewater Collection, Conveyance, Treatment, and Disposal

Chapter 5 will review conventional collection, conveyance, treatment, and discharge alternatives to provide new or improved facilities, including the following: (TAR#5.A)

- Summary of sewage conveyance alternatives considered along with any cause for initial rejection,
- Development of alternative conceptual structural improvements, such as:
 - Infiltration and Inflow mitigation from State College Borough system
 - Larger diameter conveyance infrastructure or alternative sewer conveyance alignments
 - Hybrid conveyance system (gravity and pump)
- "No UAJA Action" alternative. (TAR#5.H)

Chapter 6 – Evaluation of Alternatives

Chapter 6 will provide an analysis of each of the alternatives proposed, including economic and technical criteria, regulatory issues, property ownership/access/easement issues, historic and archaeological sites, training, and operational matters, etc.

Included within the regulatory evaluation will be potential environmental issues, sewage overflows and pollution control, rare/threatened/ endangered species impacts, environmental enhancement potential, and wetlands. A consistency evaluation will be completed for each viable alternative. (TAR#6.A-6.C)

Economic analysis will consist of the development of estimates of probable design and construction costs and predicted operations and maintenance costs for each of the feasible alternatives. (TAR#6.D)

An analysis of financial scenarios available for project funding will be included. (TAR#6.E)

Chapter 7 – Institutional Evaluation

Chapter 7 will provide an analysis of all existing wastewater treatment authorities, their past actions and present performance. A review of the Centre Region entities and their functions will be provided. (TAR#7.A)

Chapter 8 – Recommended Technical & Institutional Alternative(s)

Chapter 8 will describe the recommended technical and institutional alternative(s) and discuss a preliminary implementation schedule. The justification will describe how and why the selected alternative(s) best meets the needs of the UAJA and the Centre Region. The specific tasks will be as follows:

- Identify and justify the technical and institutional wastewater disposal alternative(s). (TAR#8.A)
- Designate and describe the capital financing plan recommended to implement the selected alternative(s). (TAR#8.B)
- Designate and describe a preliminary implementation schedule for the recommended alternative(s), including justification for any proposed phasing of design and/or construction. (TAR#8.C)

TASK/ACTIVITY REPORT

College Township (CRCOG) Centre Please see attached map 08/01/2023
 Municipality County Proposed Planning Area (Attach Map) Date of Report

Date completed plan will be submitted to DEP TBD Estimated Cost of Plan 75,220

Column Headings May Be Changed To Suit the Needs of the Planning Effort Use Additional Sheets if Necessary Sheet 1 of 2

TASK ACTIVITY NUMBER FROM APPENDIX I	PRINCIPAL		PROJECT ENG.		SR. ENG.		ENGINEER		PLANNER		DRAFTSMAN		CLERICAL		LEGAL		SUB TOTAL
	HR/RATE		HR/RATE		HR/RATE		HR/RATE		HR/RATE		HR/RATE		HR/RATE		HR/RATE		
	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	
1.A			25	145	10	195							4	75			5,875
2.A			18	145	2	195							2	75			3,150
2.B-2.G			14	145	2	195	24	120					2	75			5,450
3.A			80	145	8	195	80	120			55	100	2.5	75			28,447.50
4.A-4.B			40	145	4	195							1	75			6,655
5.A, 5.H			68	145	4	195	24	120			20	100	1	75			15,595
6.A-6.C			20	145	1	195							1	75			3,170
6.D-6.E			5	145	1	195							1	75			995

Benjamin R. Burns, P.E. Senior Quality Engineer
 Name of Person Completing Report Signature Title Municipal Secretary Signature

TASK/ACTIVITY REPORT

College Township (CRCOG) Centre Please see attached map 08/01/2023
 Municipality County Proposed Planning Area (Attach Map) Date of Report

Date completed plan will be submitted to DEP TBD Estimated Cost of Plan 75,220

Column Headings May Be Changed To Suit the Needs of the Planning Effort Use Additional Sheets if Necessary Sheet 2 of 2

TASK ACTIVITY NUMBER FROM APPENDIX I	PRINCIPAL		PROJECT ENG.		SR. ENG.		ENGINEER		PLANNER		DRAFTSMAN		CLERICAL		LEGAL		SUB TOTAL
	HR/RATE		HR/RATE		HR/RATE		HR/RATE		HR/RATE		HR/RATE		HR/RATE		HR/RATE		
	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	HRS.	COST	
7.A			4	145	0.5	195							1	75			752.50
8.A-8.C			18	145	11	195							5	75			5,130

Benjamin R. Burns, P.E. _____ Senior Quality Engineer _____
 Name of Person Completing Report Signature Title Municipal Secretary Signature



ACT 537 PLAN CONTENT AND ENVIRONMENTAL ASSESSMENT CHECKLIST

PART 1 GENERAL INFORMATION

A. Project Information

1. Project Name Special Study for the Puddintown Interceptor

2. Brief Project Description Analysis of existing sewage conveyance facilities for the Puddintown Interceptor and the development and evaluation of alternatives to safely handle wastewater flows from current and future customers.

B. Client (Municipality) Information

Municipality Name	County	City	Boro	Twp
Centre Region Council of Governments	Centre	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Municipality Contact Individual - Last Name	First Name	MI	Suffix	Title
Additional Individual Last Name	First Name	MI	Suffix	Title
Municipality Mailing Address Line 1		Mailing Address Line 2		
Address Last Line -- City		State	ZIP+4	
Phone + Ext.	FAX (optional)	Email (optional)		

C. Site Information

Site (or Project) Name

Special Study

(Municipal Name) Act 537 Plan

Site Location Line 1

Puddintown Interceptor

Site Location Line 2

D. Project Consultant Information

Last Name

Burns

Title

Senior Quality Engineer

Mailing Address Line 1

2568 Park Center Boulevard

Address Last Line – City

State College

Email

bburns@hrg-inc.com

First Name

Benjamin

Consulting Firm Name

Herbert, Rowland & Grubic, Inc.

Mailing Address Line 2

State

PA

Phone + Ext.

814-238-7117

MI

R

Suffix

ZIP+4

16801

FAX

Country

USA

PART 2 ADMINISTRATIVE COMPLETENESS CHECKLIST

DEP Use Only	Indicate Page #(s) in Plan	In addition to the main body of the plan, the plan must include items one through eight listed below to be accepted for formal review by DEP. Incomplete plans may be <i>denied</i> unless the municipality is clearly requesting an advisory review.
_____	✓	1. Table of Contents 2. Plan Summary
_____	✓	A. Identify the proposed service areas and major problems evaluated in the plan. (Reference - 25 Pa. Code §71.21(a)(7)(i)).
_____	✓	B. Identify the alternative(s) chosen to solve the problems and serve the areas of need identified in the plan. Also, include any institutional arrangements necessary to implement the chosen alternative(s). (Reference - 25 Pa. Code §71.21(a)(7)(ii)).
_____	✓	C. Present the estimated cost of implementing the proposed alternative (including the user fees) and the proposed funding method to be used. (Reference - 25 Pa. Code §71.21(a)(7)(ii)).
_____	✓	D. Identify the municipal commitments necessary to implement the Plan. (Reference - 25 Pa. Code §71.21(a)(7)(iii)).
_____	✓	E. Provide a schedule of implementation for the project that identifies the <i>major</i> milestones with dates necessary to accomplish the project to the point of operational status. (Reference - 25 Pa. Code §71.21(a)(7)(iv)).
_____	✓	3. Municipal Adoption: <i>Original</i> , signed and sealed Resolution of Adoption by the municipality which contains, at a minimum, alternatives chosen and a commitment to implement the Plan in accordance with the implementation schedule. (Reference - 25 Pa. Code §71.31(f)) Section V.F. of the Planning Guide.
_____	✓	4. Planning Commission / County Health Department Comments: Evidence that the municipality has requested, reviewed and considered comments by appropriate official planning agencies of the municipality, planning agencies of the county, planning agencies with area wide jurisdiction (where applicable), and any existing county or joint county departments of health. (Reference - 25 Pa. Code §71.31(b)) Section V.E.1 of the Planning Guide.
_____	✓	5. Publication: Proof of Public Notice which documents the proposed plan adoption, plan summary, and the establishment and conduct of a 30-day comment period. (Reference - 25 Pa. Code §71.31(c)) Section V.E.2 of the Planning Guide.
_____	✓	6. Comments and Responses: Copies of <i>all</i> written comments received and municipal response to <i>each</i> comment in relation to the proposed plan. (Reference - 25 Pa. Code §71.31(c)) Section V.E.2 of the Planning Guide.
_____	✓	7. Implementation Schedule: A complete project implementation schedule with milestone dates specific for each existing and future area of need. Other activities in the project implementation schedule should be indicated as occurring a finite number of days from a major milestone. (Reference - 25 Pa. Code §71.31(d)) Section V.F. of the Planning Guide. Include dates for the future initiation of feasibility evaluations in the project's implementation schedule for areas proposing completion of sewage facilities for planning periods in excess of five years. (Reference - 25 Pa. Code §71.21(c)).
_____	✓	8. Consistency Documentation: Documentation indicating that the appropriate agencies have received, reviewed and concurred with the method proposed to resolve identified inconsistencies within the proposed alternative and consistency requirements in 25 Pa. Code §71.21.(a)(5)(i-iii). (Reference - 25 Pa. Code §71.31(e)). Appendix B of the Planning Guide.

PART 3 GENERAL PLAN CONTENT CHECKLIST

DEP Use Only	Indicate Page #(s) in Plan	Item Required
_____	✓	I. Previous Wastewater Planning
_____	✓	A. Identify, describe and briefly analyze all past wastewater planning for its impact on the current planning effort:
_____	✓	1. Previously undertaken under the Pennsylvania Sewage Facilities Act (Act). (Reference - Act 537, 35 P.S. §750.5(d)(1)).
_____	✓	2. Has not been carried out according to an approved implementation schedule contained in the plans. (Reference - 25 Pa. Code §71.21(a)(5)(i)(A-D)). Section V.F of the Planning Guide.
_____	✓	3. Is anticipated or planned by applicable sewer authorities or approved under a Chapter 94 Corrective Action Plan. (Reference - 25 Pa. Code §71.21(a)(5)(i)(A&B)). Section V.D. of the Planning Guide.
_____	✓	4. Through planning modules for new land development, planning “exemptions” and addenda. (Reference - 25 Pa. Code §71.21(a)(5)(i)(A)).
_____	✓	II. Physical and Demographic Analysis utilizing written description and mapping
_____	✓	(All items listed below require maps, and all maps should show all current lots and structures and be of appropriate scale to clearly show significant information).
_____	✓	A. Identification of planning area(s), municipal boundaries, Sewer Authority/Management Agency service area boundaries. (Reference – 25 Pa. Code §71.21(a)(1)(i)).
_____	✓	B. Identification of physical characteristics (streams, lakes, impoundments, natural conveyance, channels, drainage basins in the planning area). (Reference - 25 Pa. Code §71.21(a)(1)(ii)).
_____	✓	C. Soils - Analysis with description by soil type and soils mapping for areas not presently served by sanitary sewer service. Show areas suitable for in-ground onlot systems, elevated sand mounds, individual residential spray irrigation systems (IRSIS), and areas unsuitable for soil dependent systems. (Reference - 25 Pa. Code §71.21(a)(1)(iii)). Show Prime Agricultural Soils and any locally protected agricultural soils. (Reference - 25 Pa. Code §71.21(a)(1)(iii)).
_____	✓	D. Geologic Features - (1) Identification through analysis, (2) mapping and (3) their relation to existing or potential nitrate-nitrogen pollution and drinking water sources. Include areas where existing nitrate-nitrogen levels are in excess of 5 mg/L. (Reference - 25 Pa. Code §71.21(a)(1)(iii)).
_____	✓	E. Topography - Depict areas with slopes that are suitable for conventional systems; slopes that are suitable for elevated sand mounds and slopes that are unsuitable for onlot systems. (Reference - 25 Pa. Code §71.21(a)(1)(ii)).
_____	✓	F. Potable Water Supplies - Identification through mapping, description and analysis. Include public water supply service areas and available public water supply capacity and aquifer yield for groundwater supplies. (Reference - 25 Pa. Code §71.21(a)(1)(vi)). Section V.C. of the Planning Guide.
_____	✓	G. Wetlands-Identify wetlands as defined in 25 Pa. Code Chapter 105 by description, analysis and mapping. Include National Wetland Inventory mapping and potential wetland areas per the United States Department of Agricultural (USDA) Natural Resources Conservation Service (NRCS) mapped hydric soils. Proposed collection, conveyance and treatment facilities and lines must be located and labeled, along with the identified wetlands, on the map. (Reference - 25 Pa. Code §71.21(a)(1)(v)). Appendix B, Section II.I of the Planning Guide.

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| _____ | ✓ | <p>III. Existing Sewage Facilities in the Planning Area - Identifying the Existing Needs</p> <p>A. Identify, map and describe municipal and non-municipal, individual and community sewerage systems in the planning area including:</p> |
| _____ | ✓ | <p>1. Location, size and ownership of treatment facilities, main intercepting lines, pumping stations and force mains including their size, capacity, point of discharge. Also include the name of the receiving stream, drainage basin, and the facility's effluent discharge requirements. (Reference - 25 Pa. Code §71.21(a)(2)(i)(A)).</p> |
| _____ | ✓ | <p>2. A narrative and schematic diagram of the facility's basic treatment processes including the facility's National Pollutant Discharge Elimination System (NPDES) permitted capacity, and the Clean Streams Law permit number. (Reference - 25 Pa. Code §71.21(a)(2)(i)(A)).</p> |
| _____ | ✓ | <p>3. A description of problems with existing facilities (collection, conveyance and/or treatment), including existing or projected overload under 25 Pa. Code Chapter 94 (relating to municipal wasteload management) or violations of the NPDES permit, Clean Streams Law permit, or other permit, rule or regulation of DEP. (Reference - 25 Pa. Code §71.21(a)(2)(i)(B)).</p> |
| _____ | N/A | <p>4. Details of scheduled or in-progress upgrading or expansion of treatment facilities and the anticipated completion date of the improvements. Discuss any remaining reserve capacity and the policy concerning the allocation of reserve capacity. Also discuss the compatibility of the rate of growth to existing and proposed wastewater treatment facilities. (Reference - 25 Pa. Code §71.21(a)(4)(i & ii)).</p> |
| _____ | N/A | <p>5. A detailed description of the municipality's operation and maintenance (O & M) requirements for small flow treatment facility systems, including the status of past and present compliance with these requirements and any other requirements relating to sewage management programs (SMPs). (Reference - 25 Pa. Code §71.21(a)(2)(i)(C)).</p> |
| _____ | N/A | <p>6. Disposal areas, if other than stream discharge, and any applicable groundwater limitations. (Reference - 25 Pa. Code §71.21(a)(4)(i & ii)).</p> |
| _____ | N/A | <p>B. Using DEP's publication titled <i>Act 537 Sewage Disposal Needs Identification</i> (3800-BK-DEP1949), identify, map and describe areas that utilize individual and community onlot sewage disposal and, unpermitted collection and disposal systems ("wildcat" sewers, borehole disposal, etc.) and retaining tank systems in the planning area including:</p> |
| _____ | N/A | <p>1. The types of onlot systems in use. (Reference - 25 Pa. Code §71.21(a)(2)(ii)(A)).</p> |
| _____ | N/A | <p>2. A sanitary survey complete with description, map and tabulation of documented and potential public health, pollution, and operational problems (including malfunctioning systems) with the systems, including violations of local ordinances, the Act, the Clean Stream Law or regulations promulgated thereunder. (Reference - 25 Pa. Code §71.21(a)(2)(ii)(B)).</p> |
| _____ | N/A | <p>3. A comparison of the types of onlot sewage systems installed in an area with the types of systems which are appropriate for the area according to soil, geologic conditions, topographic limitations sewage flows, and 25 Pa. Code Chapter 73 (relating to standards for sewage disposal facilities). (Reference - 25 Pa. Code §71.21(a)(2)(ii)(C)).</p> |
| _____ | N/A | <p>4. An individual water supply survey to identify possible contamination by malfunctioning onlot sewage disposal systems consistent with DEP's <i>Act 537 Sewage Disposal Needs Identification</i> publication. (Reference - 25 Pa. Code §71.21(a)(2)(ii)(B)).</p> |

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| _____ | <u>N/A</u> | 5. Detailed description of O & M requirements of the municipality for individual and small volume community onlot systems, including the status of past and present compliance with these requirements and any other requirements relating to SMPs. (Reference - 25 Pa. Code §71.21(a)(2)(i)(C)). |
| _____ | <u>N/A</u> | C. Identify wastewater sludge and septage generation, transport and disposal methods. Include this information in the sewage facilities alternative analysis including: |
| _____ | <u>N/A</u> | 1. Location of sources of wastewater sludge or septage (Septic tanks, holding tanks, wastewater treatment facilities). (Reference – 25 Pa. Code §71.71). |
| _____ | <u>N/A</u> | 2. Quantities of the types of sludges or septage generated. (Reference - 25 Pa. Code §71.71). |
| _____ | <u>N/A</u> | 3. Present disposal methods, locations, capacities and transportation methods. (Reference - 25 Pa. Code §71.71). |
| _____ | <u>✓</u> | IV. Future Growth and Land Development |
| _____ | <u>✓</u> | A. Identify and briefly summarize all municipal and county planning documents adopted pursuant to the Pennsylvania Municipalities Planning Code (Act 247) including: |
| _____ | <u>✓</u> | 1. All land use plans and zoning maps that identify residential, commercial, industrial, agricultural, recreational and open space areas. (Reference - 25 Pa. Code §71.21(a)(3)(iv)). |
| _____ | <u>✓</u> | 2. Zoning or subdivision regulations that establish lot sizes predicated on sewage disposal methods. (Reference – 25 Pa. Code §71.21(a)(3)(iv)). |
| _____ | <u>✓</u> | 3. All limitations and plans related to floodplain and stormwater management and special protection (25 Pa. Code Chapter 93) areas. (Reference - 25 Pa. Code §71.21(a)(3)(iv)) Appendix B, Section II.F of the Planning Guide. |
| _____ | <u>✓</u> | B. Delineate and describe the following through map, text and analysis. |
| _____ | <u>✓</u> | 1. Areas with existing development or plotted subdivisions. Include the name, location, description, total number of equivalent dwelling units (EDUs) in development, total number of EDUs currently developed and total number of EDUs remaining to be developed (include time schedule for EDUs remaining to be developed). (Reference - 25 Pa. Code §71.21(a)(3)(i)). |
| _____ | <u>✓</u> | 2. Land use designations established under the Pennsylvania Municipalities Planning Code (35 P.S. 10101-11202), including residential, commercial and industrial areas. (Reference - 25 Pa. Code §71.21(a)(3)(ii)). Include a comparison of proposed land use as allowed by zoning and existing sewage facility planning. (Reference - 25 Pa. Code §71.21(a)(3)(iv)). |
| _____ | <u>✓</u> | 3. Future growth areas with population and EDU projections for these areas using historical, current and future population figures and projections of the municipality. Discuss and evaluate discrepancies between local, county, state and federal projections as they relate to sewage facilities. (Reference - 25 Pa. Code §71.21(a)(1)(iv) and (a)(3)(iii)). |
| _____ | <u>✓</u> | 4. Zoning, and/or subdivision regulations; local, county or regional comprehensive plans; and existing plans of any other agency relating to the development, use and protection of land and water resources with special attention to: (Reference - 25 Pa. Code §71.21(a)(3)(iv)).
--public ground/surface water supplies
--recreational water use areas
--groundwater recharge areas
--industrial water use
--wetlands |

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| <u> </u> | ✓ | 5. Sewage planning necessary to provide adequate wastewater treatment for 5 and 10-year future planning periods based on projected growth of existing and proposed wastewater collection and treatment facilities. (Reference - 25 Pa. Code §71.21(a)(3)(v)). |
| <u> </u> | ✓ | V. Identify Alternatives to Provide New or Improved Wastewater Disposal Facilities |
| <u> </u> | N/A | A. Conventional collection, conveyance, treatment and discharge alternatives including: |
| <u> </u> | ✓ | 1. The potential for regional wastewater treatment. (Reference - 25 Pa. Code §71.21(a)(4)). |
| <u> </u> | ✓ | 2. The potential for extension of existing municipal or non-municipal sewage facilities to areas in need of new or improved sewage facilities. (Reference - 25 Pa. Code §71.21(a)(4)(i)). |
| <u> </u> | ✓ | 3. The potential for the continued use of existing municipal or non-municipal sewage facilities through one or more of the following: (Reference - 25 Pa. Code §71.21(a)(4)(ii)). |
| <u> </u> | ✓ | a. Repair. (Reference - 25 Pa. Code §71.21(a)(4)(ii)(A)). |
| <u> </u> | ✓ | b. Upgrading. (Reference - 25 Pa. Code §71.21(a)(4)(ii)(B)). |
| <u> </u> | ✓ | c. Reduction of hydraulic or organic loading to existing facilities. (Reference - 25 Pa. Code §71.71). |
| <u> </u> | ✓ | d. Improved O & M. (Reference - 25 Pa. Code §71.21(a)(4)(ii)(C)). |
| <u> </u> | ✓ | e. Other applicable actions that will resolve or abate the identified problems. (Reference - 25 Pa. Code §71.21(a)(4)(ii)(D)). |
| <u> </u> | ✓ | 4. Repair or replacement of existing collection and conveyance system components. (Reference - 25 Pa. Code §71.21(a)(4)(ii)(A)). |
| <u> </u> | ✓ | 5. The need for construction of new community sewage systems including sewer systems and/or treatment facilities. (Reference - 25 Pa. Code §71.21(a)(4)(iii)). |
| <u> </u> | ✓ | 6. Use of innovative/alternative methods of collection/conveyance to serve needs areas using existing wastewater treatment facilities. (Reference - 25 Pa. Code §71.21(a)(4)(ii)(B)). |
| <u> </u> | N/A | B. The use of individual sewage disposal systems including IRSIS systems based on: |
| <u> </u> | N/A | 1. Soil and slope suitability. (Reference - 25 Pa. Code §71.21(a)(2)(ii)(C)). |
| <u> </u> | N/A | 2. Preliminary hydrogeologic evaluation. (Reference - 25 Pa. Code §71.21(a)(2)(ii)(C)). |
| <u> </u> | N/A | 3. The establishment of a SMP. (Reference - 25 Pa. Code §71.21(a)(4)(iv)). See also Part "F" below. |
| <u> </u> | N/A | 4. The repair, replacement or upgrading of existing malfunctioning systems in areas suitable for onlot disposal considering: (Reference - 25 Pa. Code §71.21(a)(4)). |
| <u> </u> | N/A | a. Existing technology and sizing requirements of 25 Pa. Code Chapter 73. (Reference - 25 Pa. Code §73.31-§73.72). |
| <u> </u> | N/A | b. Use of expanded absorption areas or alternating absorption areas. (Reference - 25 Pa. Code §73.16). |
| <u> </u> | N/A | c. Use of water conservation devices. (Reference - 25 Pa. Code §71.73(b)(2)(iii)). |

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| _____ | <u>N/A</u> | C. The use of small flow sewage treatment facilities or package treatment facilities to serve individual homes or clusters of homes with consideration of: (Reference - 25 Pa. Code §71.64(d)). |
| _____ | <u>N/A</u> | 1. Treatment and discharge requirements. (Reference - 25 Pa. Code §71.64(d)). |
| _____ | <u>N/A</u> | 2. Soil suitability. (Reference - 25 Pa. Code §71.64(c)(1)). |
| _____ | <u>N/A</u> | 3. Preliminary hydrogeologic evaluation. (Reference - 25 Pa. Code §71.64(c)(2)). |
| _____ | <u>N/A</u> | 4. Municipal, Local Agency or other controls over O & M requirements through a SMP. (Reference - 25 Pa. Code §71.64(d)). See Part "F" below. |
| _____ | <u>N/A</u> | D. The use of community land disposal alternatives including: |
| _____ | <u>N/A</u> | 1. Soil and site suitability. (Reference - 25 Pa. Code §71.21(a)(2)(ii)(C)). |
| _____ | <u>N/A</u> | 2. Preliminary hydrogeologic evaluation. (Reference - 25 Pa. Code §71.21(a)(2)(ii)(C)). |
| _____ | <u>N/A</u> | 3. Municipality, Local Agency or other controls over O & M requirements through a SMP. (Reference - 25 Pa. Code §71.21(a)(2)(ii)(C)). See Part "F" below. |
| _____ | <u>N/A</u> | 4. The rehabilitation or replacement of existing malfunctioning community land disposal systems. (See Part "V", B, 4, a, b, c above). See also Part "F" below. |
| _____ | <u>N/A</u> | E. The use of retaining tank alternatives on a temporary or permanent basis including: (Reference - 25 Pa. Code §71.21(a)(4)). |
| _____ | <u>N/A</u> | 1. Commercial, residential and industrial use. (Reference - 25 Pa. Code §71.63(e)). |
| _____ | <u>N/A</u> | 2. Designated conveyance facilities (pumper trucks). (Reference - 25 Pa. Code §71.63(b)(2)). |
| _____ | <u>N/A</u> | 3. Designated treatment facilities or disposal site. (Reference - 25 Pa. Code §71.63(b)(2)). |
| _____ | <u>N/A</u> | 4. Implementation of a retaining tank ordinance by the municipality. (Reference - 25 Pa. Code §71.63(c)(3)). See Part "F" below. |
| _____ | <u>N/A</u> | 5. Financial guarantees when retaining tanks are used as an interim sewage disposal measure. (Reference - 25 Pa. Code §71.63(c)(2)). |
| _____ | <u>N/A</u> | F. SMPs to assure the future O & M of existing and proposed sewage facilities through: |
| _____ | <u>N/A</u> | 1. Municipal ownership or control over the O & M of individual onlot sewage disposal systems, small flow treatment facilities, or other traditionally non-municipal treatment facilities. (Reference - 25 Pa. Code §71.21(a)(4)(iv)). |
| _____ | <u>N/A</u> | 2. Required inspection of sewage disposal systems on a schedule established by the municipality. (Reference - 25 Pa. Code §71.73(b)(1)). |
| _____ | <u>N/A</u> | 3. Required maintenance of sewage disposal systems including septic and aerobic treatment tanks and other system components on a schedule established by the municipality. (Reference - 25 Pa. Code §71.73(b)(2)). |
| _____ | <u>N/A</u> | 4. Repair, replacement or upgrading of malfunctioning onlot sewage systems. (Reference - 25 Pa. Code §71.21(a)(4)(iv) and §71.73(b)(5)) through: |
| _____ | <u>N/A</u> | a. Aggressive pro-active enforcement of ordinances that require O & M and prohibit malfunctioning systems. (Reference - 25 Pa. Code §71.73(b)(5)). |
| _____ | <u>N/A</u> | b. Public education programs to encourage proper O & M and repair of sewage disposal systems. |
| _____ | <u>N/A</u> | 5. Establishment of joint municipal SMPs. (Reference - 25 Pa. Code |

- _____ §71.73(b)(8)).
- _____ N/A 6. Requirements for bonding, escrow accounts, management agencies or associations to assure O & M for non-municipal facilities. (Reference - 25 Pa. Code §71.71).
- _____ N/A G. Non-structural comprehensive planning alternatives that can be undertaken to assist in meeting existing and future sewage disposal needs including: (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ N/A 1. Modification of existing comprehensive plans involving:
- _____ N/A a. Land use designations. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ N/A b. Densities. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ N/A c. Municipal ordinances and regulations. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ N/A d. Improved enforcement. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ N/A e. Protection of drinking water sources. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ N/A 2. Consideration of a local comprehensive plan to assist in producing sound economic and consistent land development. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ N/A 3. Alternatives for creating or changing municipal subdivision regulations to assure long-term use of on-site sewage disposal that consider lot sizes and protection of replacement areas. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ N/A 4. Evaluation of existing local agency programs and the need for technical or administrative training. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ ✓ H. A no-action alternative which includes discussion of both short-term and long-term impacts on: (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ ✓ 1. Water quality/public health. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ ✓ 2. Growth potential (residential, commercial, industrial). (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ ✓ 3. Community economic conditions. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ ✓ 4. Recreational opportunities. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ ✓ 5. Drinking water sources. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ ✓ 6. Other environmental concerns. (Reference - 25 Pa. Code §71.21(a)(4)).
- _____ ✓ **VI. Evaluation of Alternatives**
- _____ ✓ A. Technically feasible alternatives identified in Section V of this checklist must be evaluated for consistency with respect to the following: (Reference - 25 Pa. Code §71.21(a)(5)(i)).
- _____ ✓ 1. Applicable plans developed and approved under **Sections 4 and 5 of the Clean Streams Law or Section 208 of the Clean Water Act** (33 U.S.C.A. 1288). (Reference - 25 Pa. Code §71.21(a)(5)(i)(A)). Appendix B, Section II.A of the Planning Guide.
- _____ ✓ 2. Municipal wasteload management **Corrective Action Plans or Annual Reports** developed under 25 Pa. Code Chapter 94. (Reference - 25 Pa. Code §71.21(a)(5)(i)(B)). The municipality's recent Wasteload Management (25 Pa. Code Chapter 94) Reports should be examined to determine if the proposed alternative is consistent with the recommendations and findings of the report. Appendix B, Section II.B of the Planning Guide.
- _____ ✓ 3. Plans developed under **Title II of the Clean Water Act** (33 U.S.C.A.

1281-1299) or **Titles II and VI of the Water Quality Act of 1987** (33 U.S.C.A 1251-1376). (Reference - 25 Pa. Code §71.21(a)(5)(i)(C)). Appendix B, Section II.E of the Planning Guide.

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| _____ | ✓ | 4. Comprehensive plans developed under the Pennsylvania Municipalities Planning Code. (Reference - 25 Pa. Code §71.21(a)(5)(i)(D)). The municipality's comprehensive plan must be examined to assure that the proposed wastewater disposal alternative is consistent with land use and all other requirements stated in the comprehensive plan. Appendix B, Section II.D of the Planning Guide. |
| _____ | ✓ | 5. Antidegradation requirements as contained in 25 Pa. Code Chapters 93, 95 and 102 (relating to water quality standards, wastewater treatment requirements and erosion control) and the Clean Water Act. (Reference - 25 Pa. Code §71.21(a)(5)(i)(E)). Appendix B, Section II.F of the Planning Guide. |
| _____ | ✓ | 6. State Water Plans developed under the Water Resources Planning Act (42 U.S.C.A. 1962-1962 d-18). (Reference - 25 Pa. Code §71.21(a)(5)(i)(F)). Appendix B, Section II.C of the Planning Guide. |
| _____ | ✓ | 7. Pennsylvania Prime Agricultural Land Policy contained in Title 4 of the Pennsylvania Code, Chapter 7, Subchapter W. Provide narrative on local municipal policy and an overlay map on prime agricultural soils. (Reference - 25 Pa. Code §71.21(a)(5)(i)(G)). Appendix B, Section II.G of the Planning Guide. |
| _____ | ✓ | 8. County Stormwater Management Plans approved by DEP under the Storm Water Management Act (32 P.S. 680.1-680.17). (Reference - 25 Pa. Code §71.21(a)(5)(i)(H)). Conflicts created by the implementation of the proposed wastewater alternative and the existing recommendations for the management of stormwater in the county Stormwater Management Plan must be evaluated and mitigated. If no plan exists, no conflict exists. Appendix B, Section II.H of the Planning Guide. |
| _____ | ✓ | 9. Wetland Protection. Using wetland mapping developed under Checklist Section II.G, identify and discuss mitigative measures including the need to obtain permits for any encroachments on wetlands from the construction or operation of any proposed wastewater facilities. (Reference - 25 Pa. Code §71.21(a)(5)(i)(I)) Appendix B, Section II.I of the Planning Guide. |
| _____ | ✓ | 10. Protection of rare, endangered or threatened plant and animal species as identified by the Pennsylvania Natural Diversity Inventory (PNDI). (Reference - 25 Pa. Code §71.21(a)(5)(i)(J)). Provide DEP with a copy of the completed <i>PNDI Manual Project Submission Form</i> . Also provide a copy of the response letters from the 4 jurisdictional agencies regarding the findings of the PNDI search. Appendix B, Section II.J of the Planning Guide. |
| _____ | ✓ | 11. Historical and archaeological resource protection under P.C.S. Title 37, Section 507 relating to cooperation by public officials with the Pennsylvania Historical and Museum Commission (PHMC). (Reference - 25 Pa. Code §71.21(a)(5)(i)(K)). Provide DEP with a completed copy of a <i>Cultural Resource Notice</i> and a return receipt for its submission to PHMC. Provide a copy of the response letter or review stamp from the Bureau of Historic Preservation (BHP) indicating the project will have no effect on, or that there may be potential impacts on, known archaeological and historical sites and any avoidance and mitigation measures required. Appendix B, Section II.K of the Planning Guide. |

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| _____ | ✓ | B. Provide for the resolution of any inconsistencies in any of the points identified in Section VI.A. of this checklist by submitting a letter from the appropriate agency stating that the agency has received, reviewed and concurred with the resolution of identified inconsistencies. (Reference - 25 Pa. Code §71.21(a)(5)(ii). Appendix B of the Planning Guide. |
| _____ | ✓ | C. Evaluate alternatives identified in Section V of this checklist with respect to applicable water quality standards, effluent limitations or other technical, legislative or legal requirements. (Reference - 25 Pa. Code §71.21(a)(5)(iii)). |
| _____ | ✓ | D. Provide cost estimates using present worth analysis for construction, financing, ongoing administration, O & M and user fees for alternatives identified in Section V of this checklist. Estimates shall be limited to areas identified in the plan as needing improved sewage facilities within 5 years from the date of plan submission. (Reference - 25 Pa. Code §71.21(a)(5)(iv)). |
| _____ | ✓ | E. Provide an analysis of the funding methods available to finance the proposed alternatives evaluated in Section V of this checklist. Also provide documentation to demonstrate which alternative and financing scheme combination is the most cost-effective; and a contingency financial plan to be used if the preferred method of financing cannot be implemented. The funding analysis shall be limited to areas identified in the plan as needing improved sewage facilities within 5 years from the date of the plan submission. (Reference - 25 Pa. Code §71.21(a)(5)(v)). |
| _____ | ✓ | F. Analyze the need for immediate or phased implementation of each alternative proposed in Section V of this checklist including: (Reference - 25 Pa. Code §71.21(a)(5)(vi)). |
| _____ | ✓ | 1. A description of any activities necessary to abate critical public health hazards pending completion of sewage facilities or implementation of SMPs. (Reference - 25 Pa. Code §71.21(a)(5)(vi)(A)). |
| _____ | ✓ | 2. A description of the advantages, if any, in phasing construction of the facilities or implementation of a SMP justifying time schedules for each phase. (Reference - 25 Pa. Code §71.21(a)(5)(vi)(B)). |
| _____ | ✓ | G. Evaluate administrative organizations and legal authority necessary for plan implementation. (Reference - 25 Pa. Code §71.21(a)(5)(vi)(D)). |
| _____ | ✓ | VII. Institutional Evaluation |
| _____ | ✓ | A. Provide an analysis of all existing wastewater treatment authorities, their past actions and present performance including: |
| _____ | ✓ | 1. Financial and debt status. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | ✓ | 2. Available staff and administrative resources. (Reference - 25 Pa. Code §71.61(d)(2)) |
| _____ | ✓ | 3. Existing legal authority to: |
| _____ | ✓ | a. Implement wastewater planning recommendations. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | ✓ | b. Implement system-wide O & M activities. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | ✓ | c. Set user fees and take purchasing actions. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | ✓ | d. Take enforcement actions against ordinance violators. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | ✓ | e. Negotiate agreements with other parties. (Reference - 25 Pa. Code §71.61(d)(2)). |

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|-------|-----|---|
| _____ | ✓ | f. Raise capital for construction and O & M of facilities. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | B. Provide an analysis and description of the various institutional alternatives necessary to implement the proposed technical alternatives including: |
| _____ | N/A | 1. Need for new municipal departments or municipal authorities. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | 2. Functions of existing and proposed organizations (sewer authorities, onlot maintenance agencies, etc.). (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | 3. Cost of administration, implementability, and the capability of the authority/agency to react to future needs. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | C. Describe all necessary administrative and legal activities to be completed and adopted to ensure the implementation of the recommended alternative including: |
| _____ | N/A | 1. Incorporation of authorities or agencies. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | 2. Development of all required ordinances, regulations, standards and inter-municipal agreements. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | 3. Description of activities to provide rights-of-way, easements and land transfers. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | 4. Adoption of other municipal sewage facilities plans. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | 5. Any other legal documents. (Reference - 25 Pa. Code §71.61(d)(2)). |
| _____ | N/A | 6. Dates or timeframes for items 1-5 above on the project's implementation schedule. |
| _____ | N/A | D. Identify the proposed institutional alternative for implementing the chosen technical wastewater disposal alternative. Provide justification for choosing the specific institutional alternative considering administrative issues, organizational needs and enabling legal authority. (Reference - 25 Pa. Code §71.61(d)(2)). |

VIII. Implementation Schedule and Justification for Selected Technical & Institutional Alternatives

- | | | |
|-------|---|---|
| _____ | ✓ | A. Identify the technical wastewater disposal alternative which best meets the wastewater treatment needs of each study area of the municipality. Justify the choice by providing documentation which shows that it is the best alternative based on: |
| _____ | ✓ | 1. Existing wastewater disposal needs. (Reference - 25 Pa. Code §71.21(a)(6)). |
| _____ | ✓ | 2. Future wastewater disposal needs. (5 and 10 year growth areas). (Reference - 25 Pa. Code §71.21(a)(6)). |
| _____ | ✓ | 3. O & M considerations. (Reference - 25 Pa. Code §71.21(a)(6)). |
| _____ | ✓ | 4. Cost-effectiveness. (Reference - 25 Pa. Code §71.21(a)(6)). |
| _____ | ✓ | 5. Available management and administrative systems. (Reference - 25 Pa. Code §71.21(a)(6)). |
| _____ | ✓ | 6. Available financing methods. (Reference - 25 Pa. Code §71.21(a)(6)). |
| _____ | ✓ | 7. Environmental soundness and compliance with natural resource planning and preservation programs. (Reference - 25 Pa. Code §71.21(a)(6)). |

✓

B. Designate and describe the capital financing plan chosen to implement the selected alternative(s). Designate and describe the chosen back-up financing plan. (Reference - 25 Pa. Code §71.21(a)(6))

✓

C. Designate and describe the implementation schedule for the recommended alternative, including justification for any proposed phasing of construction or implementation of a SMP. (Reference – 25 Pa. Code §71.31(d))

N/A

IX. Environmental Report (ER) generated from the UER Process

N/A

A. Complete an ER as required by the UER process and as described in the DEP Technical Guidance (381-5511-111). Include this document as “Appendix A” to the Act 537 Plan Update Revision. **Note: An ER is required only for Wastewater projects proposing funding through any of the funding sources identified in the UER.**

ADDITIONAL REQUIREMENTS FOR PENNVEST PROJECTS

Municipalities that propose to implement their official sewage facilities plan updates with PENNVEST funds must meet 6 additional requirements to be eligible for such funds. See *A Guide for Preparing Act 537 Update Revisions* (362-0300-003), Appendix N for greater detail or contact the DEP regional office serving your county listed in Appendix J of the same publication.

DEP Use Only	Indicate Page #(s) in Plan	Item Required
_____	<u>N/A</u>	1. Environmental Impact Assessment. (Planning Phase) The UER replaces the Environmental Impact Assessment that was a previous requirement for PENNVEST projects.
_____	<u>N/A</u>	2. Cost Effectiveness (Planning Phase) The cost-effectiveness analysis should be a present-worth (or equivalent uniform annual) cost evaluation of the principle alternatives using the interest rate that is published annually by the Water Resources Council. Normally, for PENNVEST projects the applicant should select the most cost-effective alternative based upon the above analysis. Once the alternative has been selected the user fee estimates should be developed based upon interest rates and loan terms of the selected funding method.
_____		3. Second Opinion Project Review. (Design Phase)
_____		4. Minority Business Enterprise/Women's Business Enterprise (Construction Phase)
_____		5. Civil Rights. (Construction Phase)
_____		6. Initiation of Operation/Performance Certification. (Post-construction Phase)



P:\0011001178_0725\GIS\Projects\TAR Location Map.mxd

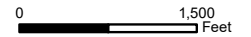
Puddintown Interceptor Location Map for TAR

University Area Joint Authority

College Township
Centre County, Pennsylvania

Legend

- Puddintown Interceptor
- Other Existing Sewer Mains
- PS Existing Pump Stations
- Streets



Mapping derived from data provided by UAJA, CentreGIS, and PASDA.

7/31/2023 | PM: BRB | GIS: SMM | QA: SMM | R001178.0725



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