



HISTORIC
Bellefonte™

Est. 1795

AGENDA
BELLEFONTE BOROUGH AUTHORITY
Meeting of Tuesday, April 1st, 2025 at 6:00 PM
In-person
The Oak Room, 301 North Spring Street

6:00 PM - CALL MEETING TO ORDER:

PLEDGE OF ALLEGIANCE:

ROLL CALL:

Mr. Beigle	Mr. Falcone
Mr. Brown	Mr. Halderman
Mr. DeLotto	Mr. Johnson
Mr. Eaton	

APPROVAL OF MINUTES: March 4th, 2025

ADDITIONS TO THE AUTHORITY MEETING AGENDA

In accordance with Act 65 of 2021, If a matter is not on the Agenda, the Authority cannot take official action on it with some exceptions. The Authority can act on matters relating to potential or real emergencies. The Authority may add a matter of agency business to its agenda through majority vote. The Authority should state the reason why the action item is being added to the Agenda. **The Authority may vote to add an action item(s) to the agenda**

COMMUNICATIONS ORAL/Public Comment:

Please sign in and state your name and address and what you are speaking about. Please try to limit comments to three minutes maximum.

COMMUNICATIONS WRITTEN:

Email response from PA DEP regarding Riparian Zone Requirements for NPDES permits. This email is listed as OLD BUSINESS

FINANCE COMMITTEE REPORT:

Budget v. Actual January & February 2025

ENGINEER REPORT:

Jean Ryan, Barton and Loguidice

REPORTS – SEWER:

Superintendent's Report March 2025

REPORTS – WATER:

Superintendent's Report March 2025

OLD BUSINESS:

Masonry Work at Big Spring - updates

Authority work session held on March 18 th to discuss two items: Bellefonte Waterfront Associates using a portion of Authority-owned wetlands to satisfy their NPDES permit requirements and; Big Spring Wells project and other options.
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Big Spring Wells Concept Option. Motion/2nd to discontinue consideration of using wells concept for the Big Spring improvements. Further study of the underground water flow is considered beneficial and may be approved by the Authority via a consultant Agreement with Dr. Richard Parizek.

Bellefonte Waterfront Property National Pollutant Discharge Elimination System (NPDES) Permit. Owners notified staff that they had inadvertently left their NPDES permit expire. Riparian zone regulations near waterways had changed after the permit was originally issued. The regulations allow for property located elsewhere to be substituted. The Authority owns an approx. 8-acre parcel next to the Wastewater Treatment Plant that is now considered wetlands. A portion of this property could be designated as the riparian zone for the Bellefonte Waterfront Project. PA DEP has responded via email as to what is allowed for a riparian zone set-aside. The owners of the Bellefonte Waterfront property are asking if the Authority would approve a portion (approx. 4 acres) of the property to be used as the designated Riparian Zone. A deed restriction or covenant with boundary lines is required. The Authority may take action on this request to state their interest or non-interest.

Tour of UAJA biosolid facility – schedule when weather is better
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Tour of Niagara bottling plant – schedule when weather is better
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Act 57 Study – Tap Fees for the Corning Line. The previous study is included.

Review of current Rules and Regulations. Staff will try to review the regulations and provide mark ups to the Authority.
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NEW BUSINESS:

Daily Water withdrawal March 2025. FYI. No Authority action is requested.
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Ralph is retiring from the Borough. His last day in the office will be Friday, March 28 th . Ralph has expressed an interest in staying on as Authority Secretary to help with the transition. Motion/2nd to consider continuing Ralph's appointment as Authority Secretary until the Authority or Ralph gives notice of discontinuance.

AROUND THE ROOM:

Motion to Adjourn: _____ Second: _____ ADJOURNED @: _____

**BELLEFONTE BOROUGH WATER AUTHORITY
MEETING MINUTES
REGULAR MEETING**

**March 4, 2025 – 6 p.m.
301 N. Spring Street, Suite 200
Bellefonte, PA 16823
www.bellefonte.net**

CALL TO ORDER

The meeting was called to order March 4, 2025 at 6 p.m.

PLEDGE OF ALLEGIANCE

ROLL CALL Authority members present:

Mr. Joe Beigle via Zoom
Mr. Greg Brown
Mr. Dan DeLotto
Mr. Jon Eaton
Mr. Joe Falcone
Mr. Frank (Buddy) Halderman
Mr. Doug Johnson

Staff

Mr. Frank Noll, WWTP Superintendent
Mr. Shannon Struble, WWTP Assistant Superintendent
Mr. Matt Auman, Public Works Superintendent
Ms. Julie Brooks, Public Works Assistant Superintendent
Mr. Ralph Stewart, Borough Manager

Engineer: Jean Ryan via Zoom

MINUTES

A motion was made by Eaton and seconded by Beigle to approve the minutes from February 6, 2025. No discussion. Motion carried.

ADDITIONS TO AGENDA

NONE

PUBLIC COMMENT/COMMUNICATIONS- ORAL

NONE

COMMUNICATIONS (Written)

Letter Proposal from Dr. Parizek re: Studies related to Big Spring wells project. Dr. Parizek attended the meeting to provide an overview of the proposal.

- Several members expressed concern about drilling wells near the spring.
- Authority members requested a work session to further discuss this project.

Email – Gene Stocker RE: Benner Township water issues

Email Exchange – Stage at Talleyrand Committee

- Rick was present at the meeting to discuss the project

Benner Township Water Authority – looking for new contractor.

- The Spring Benner Walker Joint Authority has split up. Benner has reached out to the Bellefonte Borough Water Authority for help. The Authority discussed the situation and how to respond. The general consensus is Bellefonte Authority is not going to be able to help Benner.

FINANCIALS (Mr. Falcone)

- Budget v. Actual January 2025

No financial reports were included in the packet.

ENGINEER'S REPORT (Jean Ryan, Barton and Loguidice)

Water:

- Return Activated Sludge (RAS) and Carrier Fluid Pump Replacements. The Authority may take action to approve the purchase of these pumps from a COSTARS vendor.

Wastewater:

- Started preparation of the Chapter 94 report and the Industrial Pre-Treatment report, both are due at the end of March.
- Also submitted the annual Biosolids report to DEP and Centre County Conservation
- Finalizing updated permits and letters for the industrial users
- Received the MPDS permit for the wastewater treatment plant
- Received 2 quotes for replacing the RAS and Carrier Fluid Pumps
 - Quotes from Blooming Glen Contractors and PSI
 - PSI was low at \$69,709 (based in Harrisburg)

Beigle motioned and Johnson seconded to award the contract to PSI. The motion carried.

Big Spring Cover Project:

- The Authority asked Jean to research fabric/dome cover options for the spring.

SEWER REPORT (Superintendent - Frank)

The Superintendent highlighted the details of various projects and repairs completed in February 2025.

Bulk Water sales for February were 22,000gal

A new operator was hired and has accepted the position

WATER REPORT (Matt)

Details were offered regarding projects and repairs completed in February 2025.

- Lots of leak reports and repairs
- There is a tear in the Big Spring Cover – Matt is working to get it repaired
- 32 PAONE calls
- Installed 29 new water meters
- Niagara - 241,000g
- 296WT to the Wayne Township Landfill (Ground is frozen)

OLD BUSINESS

Water Line for Hotel, Length of Service Line, McCrossin Property – updates.

Warehouse at Benner Commerce Park – updates

Logan Greene Water Main warrantee/dedication – updates

Service Line Inventory project update – updates

Tour of UAJA biosolid facility – schedule when weather is better

Tour of Niagara bottling plant – maybe when weather is better

Reply to Spring Township – wells project.

Act 57 Study – Tap Fees for the Corning Line. The previous study is included.

Review of current Rules and Regulations. Staff will try to review the regulations in March and provide mark ups to the Authority.

Masonry Work at Big Spring. Only a portion of the proposed work involves the wall at the Big Spring. The other work will be considered by the Borough.

Beigle motioned and Falcone seconded to approve the masonry repairs. Motion carried.

NEW BUSINESS

Bellefonte Waterfront Property National Pollutant Discharge Elimination System (NPDES) Permit (issued through DEP). Owners notified staff that they had inadvertently left their NPDES

permit expire. Riparian zone regulations near waterways had changed after the permit was originally issued. The regulations allow for property located elsewhere to be substituted. The Authority owns an approx. 8-acre parcel next to the Wastewater Treatment Plant that is now considered wetlands. A portion of this property could be designated as the riparian zone for the Bellefonte Waterfront Project. See the attachment. The owners of the Bellefonte Waterfront property are asking if the Authority would approve a portion (approx. 4 acres) of the property to be used as the designated Riparian Zone. The Authority may take action on this request.

- The Authority is going to invite the developer to the work session to further discuss this situation.

Daily Water withdrawal February 2025

Act 57 Study – consider updating the Corning Line Tap Fee/Rate Fee Study

Rockview Penitentiary potentially shutting down.

- Potential for more water sales

DISCUSSION

Discussion regarding Bell Rose Townhomes (Fox Hill Mini Mall)

- Extending water main (probably less than 25ft)
- The authority agreed to move forward with this project

ADJOURNMENT

Johnson motioned and Beigle seconded to adjourn tonight's meeting. No discussion. Motion carried. Meeting adjourned at 8:00pm.

BUDGET VS ACTUAL

Borough of Bellefonte

For 1/31/2025

WATER	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
Revenues				
341.010.000 INTEREST INCOME - CKG, SVGS	543.15	250.00	(293.15)	(217.26) OVV
341.020.000 INTEREST-SWEEP ACCT	3,984.91	48,000.00	44,015.09	(8.30)
342.401.000 RENTAL INCOME-SHENTEL	1,000.00	6,000.00	5,000.00	(16.67)
378.000.000 WATER COLLECTIONS REVENUE	121,621.53	1,519,545.00	1,397,923.47	(8.00)
378.001.000 SALE OF BULK WATER REVENUE	0.00	59,000.00	59,000.00	0.00
378.002.000 CW LINE CAPITAL PROJECTS REV	989.78	13,700.00	12,710.22	(7.22)
378.122.000 BULK WATER REV-NIAGARA-HOWARD PLANT	0.00	68,000.00	68,000.00	0.00
378.700.000 BULK WATER REVENUE-MILESBURG	0.00	45,000.00	45,000.00	0.00
378.901.000 METER/PIT/ETC SALES REVENUE	0.00	3,000.00	3,000.00	0.00
378.903.000 VACANCY APPLICATION REVENUE	30.00	250.00	220.00	(12.00)
378.904.000 WATER ON/OFF FEE REVENUE	0.00	120.00	120.00	0.00
378.905.000 SERVICES PROVIDED BY WATER DEP	0.00	400.00	400.00	0.00
378.906.000 POSTING FEE REVENUE	0.00	400.00	400.00	0.00
383.400.000 CAPACITY FEES & ASSESSMENT REV	2,054.36	15,180.00	13,125.64	(13.53)
389.000.000 MISCELLANEOUS REVENUE	1,550.59	50.00	(1,500.59)	(3,101.18) OVV - sale of scrap metal
389.003.000 FEE REVENUE	0.00	20.00	20.00	0.00
391.100.000 SALE OF FIXED ASSETS REVENUE	0.00	1,000.00	1,000.00	0.00
392.095.000 TRANSFER IN FROM CAPITAL PROJ	0.00	651,000.00	651,000.00	0.00
Total Revenues	131,774.32	2,430,915.00	2,299,140.68	(5.42)

Expenses				
448.112.000 SALARY EXPENSE	42,428.74	428,000.00	385,571.26	9.91
448.180.000 OVERTIME WAGES EXPENSE	1,968.31	30,000.00	28,031.69	6.56
448.191.000 WORKBOOTS EXPENSE	2,800.00	2,400.00	(400.00)	116.67 OVV
448.192.000 SOCIAL SECURITY EXPENSE	3,369.97	35,000.00	31,630.03	9.63
448.193.000 ENROLLMENT/ADMIN EXP-RETIREMEN	0.00	175.00	175.00	0.00
448.196.000 HEALTH INSURANCE EXPENSE	13,331.53	35,000.00	21,668.47	38.09
448.197.000 RETIREMENT EXPENSE	0.00	38,000.00	38,000.00	0.00
448.198.000 HEALTH CARE EXPENSE - IN HOUSE	1,005.48	6,500.00	5,494.52	15.47
448.199.000 LIFE INSURANCE EXPENSE	104.81	920.00	815.19	11.39
448.210.000 OFFICE SUPPLIES EXPENSE	0.00	900.00	900.00	0.00
448.215.000 POSTAGE EXPENSE	116.67	2,600.00	2,483.33	4.49
448.221.000 CHEMICAL EXPENSE	0.00	27,000.00	27,000.00	0.00
448.231.000 FUEL EXPENSE	0.00	12,750.00	12,750.00	0.00
448.238.000 CLOTHING & UNIFORM EXPENSE	0.00	3,100.00	3,100.00	0.00
448.246.000 REPAIR/MAINT/MISC SUPP EXP	219.82	27,500.00	27,280.18	0.80
448.249.000 COMPUTER SOFTWARE EXPENSE	1,745.01	11,750.00	10,004.99	14.85
448.251.000 VEHICLE & EQUIP MAINT EXP	197.57	28,500.00	28,302.43	0.69
448.253.000 REPAIRS TO WATER SYSTEM EXP	1,459.93	70,000.00	68,540.07	2.09
448.254.000 PUMP MAINT/REPAIRS EXPENSE	0.00	3,500.00	3,500.00	0.00
448.255.000 WATER METER MAINT/REPLACE EXP	0.00	340,000.00	340,000.00	0.00
448.260.000 TOOLS & MINOR EQUIPMENT EXP	0.00	5,000.00	5,000.00	0.00

BUDGET VS ACTUAL

Borough of Bellefonte

For 1/31/2025

	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
WATER				
448.311.000 AUDIT EXPENSE	0.00	7,100.00	7,100.00	0.00
448.313.000 ENGINEERING EXPENSE	0.00	35,000.00	35,000.00	0.00
448.314.000 LEGAL EXPENSE	0.00	4,000.00	4,000.00	0.00
448.316.000 WATER TESTING EXPENSE	405.30	11,000.00	10,594.70	3.68
448.317.000 DATA PROCESSING EXPENSE	0.00	1,700.00	1,700.00	0.00
448.318.000 SERVICE AGREEMENT EXPENSE	0.00	3,600.00	3,600.00	0.00
448.319.000 PEST CONTROL EXPENSE	0.00	1,200.00	1,200.00	0.00
448.320.000 IT SERVICES EXPENSE	288.00	5,000.00	4,712.00	5.76
448.321.000 TELEPHONE EXPENSE	148.62	5,300.00	5,151.38	2.80
448.324.000 CELL PHONE/IPAD EXPENSE	54.06	3,900.00	3,845.94	1.39
448.325.000 INTERNET EXPENSE	295.19	7,750.00	7,454.81	3.81
448.329.000 SCADA SYSTEM EXPENSE	0.00	9,500.00	9,500.00	0.00
448.331.000 TRAVEL EXPENSE	0.00	50.00	50.00	0.00
448.341.000 ADVERTISING EXPENSE	47.96	350.00	302.04	13.70
448.342.000 PRINTING EXPENSE	0.00	500.00	500.00	0.00
448.344.000 COPY EXPENSE	0.00	275.00	275.00	0.00
448.351.000 COMMERCIAL INS EXPENSE	0.00	41,000.00	41,000.00	0.00
448.354.000 WORKERS COMP INS EXPENSE	0.00	17,750.00	17,750.00	0.00
448.361.000 ELECTRICITY EXPENSE	0.00	218,500.00	211,674.87	3.12
448.362.000 HEATING OIL EXP - PUMP HOUSE	6,825.13	3,500.00	3,500.00	0.00
448.375.000 PREVENTATIVE MAINTENANCE EXP	0.00	20,000.00	20,000.00	0.00
448.376.000 MAINT OF PUMP HOUSES EXPENSE	0.00	3,000.00	3,000.00	0.00
448.377.000 MAINTENANCE OF RESERVOIR EXP	0.00	21,000.00	21,000.00	0.00
448.378.000 MAINT OF STREETS EXPENSE	0.00	35,000.00	35,000.00	0.00
448.384.000 EQUIPMENT RENTAL EXPENSE	0.00	1,000.00	1,000.00	0.00
448.420.000 DUES/MEMBERSHIP/SUB EXP	100.00	1,000.00	900.00	10.00
448.450.000 CONTRACTED SERVICES EXPENSE	3,202.50	15,500.00	12,297.50	20.66
448.460.000 TRAINING/MEETING EXPENSE	0.00	4,200.00	4,200.00	0.00
448.470.000 CD/OTHER LICENSE EXPENSE	0.00	225.00	225.00	0.00
448.471.000 DRUG TESTING EXPENSE	0.00	350.00	350.00	0.00
448.473.000 OPERATORS LICENSE FEE EXP	0.00	120.00	120.00	0.00
448.474.000 REPAIRS TO PERSONAL PROP EXP	0.00	1,000.00	1,000.00	0.00
448.475.000 OTHER FEES EXPENSE	0.00	11,000.00	11,000.00	0.00
448.478.000 SALES TAX EXPENSE	0.00	250.00	250.00	0.00
448.700.000 CAPITAL EXPENDITURES	0.00	402,000.00	402,000.00	0.00
448.701.000 CAPITAL EXPENDITURE-WATER LINE	0.00	315,000.00	315,000.00	0.00
492.001.000 TRANSFER TO GENERAL FUND	0.00	100,000.00	100,000.00	0.00
492.095.000 TRANSFER TO CAPITAL PROJECTS	0.00	14,700.00	14,700.00	0.00
Total Expenses	80,114.60	2,430,915.00	2,350,800.40	3.30
Net Income	\$ 51,659.72 \$	0.00 \$	(51,659.72) \$	0.00

11/10/2025
11/10/2025

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WATER FUND

Cash Balances @ 1/31/25

checking	\$439,884.79
sweep account	\$1,068,447.27

Balance in Capital Projects Fund @ 1/31/25

water	\$1,263,694.66
cornering water	\$159,550.00

BUDGET VS ACTUAL

Borough of Bellefonte

For 1/31/2025

SEWER	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
Revenues				
341.005.000 INTEREST INCOME-MONEY MARKET	5,845.61	47,000.00	41,154.39	(12.44)
341.010.000 INTEREST INCOME - CKG, SVGS	411.52	175.00	(236.52)	(235.15) <i>over</i>
364.110.000 SEWER COLLECTION REVENUE	136,977.83	1,847,000.00	1,710,022.17	(7.42)
364.111.000 SEWER CAPITAL IMPROVEMENTS REV	0.00	15,000.00	15,000.00	0.00
364.171.000 SURCHARGE REVENUE	0.00	1,200.00	1,200.00	0.00
364.172.000 PRETREATMENT REVENUE	0.00	2,800.00	2,800.00	0.00
364.174.000 WASTE DISPOSAL REVENUE	0.00	84,000.00	84,000.00	0.00
364.180.000 BULK WATER LOADS REVENUE	0.00	2,500.00	2,500.00	0.00
364.901.000 BULK HAULING PERMIT REVENUE	0.00	120.00	120.00	0.00
364.904.000 CAPITAL IMPROVEMENTS-SBW	0.00	241,500.00	241,500.00	0.00
364.905.000 OPERATING SPRING,BENNER,WALKER	0.00	1,763,200.00	1,763,200.00	0.00
399.001.000 USE OF RESERVES	0.00	47,685.00	47,685.00	0.00 <i>bud. # only</i>
Total Revenues	143,234.96	4,052,180.00	3,908,945.04	(3.53)

Expenses

429.112.000 SALARY EXPENSE-FACILITY	54,391.53	782,500.00	728,108.47	6.95
429.112.A00 SALARY EXPENSE-SYSTEM	0.00	57,500.00	57,500.00	0.00
429.180.000 OVERTIME WAGES EXPENSE-FAC	1,574.37	35,000.00	33,425.63	4.50
429.180.A00 OVERTIME WAGES EXPENSE-SYS	0.00	1,500.00	1,500.00	0.00
429.191.000 WORKBOOTS EXPENSE	4,000.00	4,800.00	800.00	83.33
429.192.000 SOCIAL SECURITY EXPENSE-FAC	4,212.59	62,500.00	58,287.41	6.74
429.192.A00 SOCIAL SECURITY EXPENSE-SYS	0.00	4,500.00	4,500.00	0.00
429.193.000 ENROLLMENT/ADMIN EXP-RETIREMEN	0.00	210.00	210.00	0.00
429.196.000 HEALTH INSURANCE EXPENSE-FAC	33,416.16	205,000.00	171,583.84	16.30
429.196.A00 HEALTH INS EXPENSE-SYSTEM	0.00	7,750.00	7,750.00	0.00
429.197.000 RETIREMENT EXPENSE-FAC	0.00	75,000.00	75,000.00	0.00
429.197.A00 RETIREMENT EXPENSE-SYSTEM	0.00	5,900.00	5,900.00	0.00
429.198.000 HEALTH CARE EXPENSE - IN HOUSE	259.62	10,150.00	9,890.38	2.56
429.199.000 LIFE INSURANCE EXPENSE-FAC	140.27	1,950.00	1,809.73	7.19
429.199.A00 LIFE INS EXPENSE-SYSTEM	0.00	125.00	125.00	0.00
429.210.000 OFFICE SUPPLIES EXP - FACILITY	0.00	1,100.00	1,100.00	0.00
429.210.A00 OFFICE SUPPLIES EXPENSE - SYSTEM	0.00	150.00	150.00	0.00
429.215.000 POSTAGE EXPENSE - FACILITY	0.00	200.00	200.00	0.00
429.215.A00 POSTAGE EXPENSE-SYSTEM	116.66	1,500.00	1,383.34	7.78
429.217.000 SHIPPING FEES EXP-FAC	0.00	150.00	150.00	0.00
429.217.A00 SHIPPING FEES EXP-SYS	0.00	25.00	25.00	0.00
429.221.000 CHEMICAL EXPENSE	12,760.00	245,000.00	232,240.00	5.21
429.225.000 LABORATORY SUPPLIES EXPENSE	0.00	7,000.00	7,000.00	0.00
429.231.000 FUEL EXPENSE - FACILITY	0.00	7,000.00	7,000.00	0.00
429.231.A00 FUEL EXPENSE - SYSTEM	0.00	1,500.00	1,500.00	0.00
429.238.000 CLOTHING & UNIFORM EXPENSE	0.00	4,750.00	4,750.00	0.00
429.248.000 COMPUTER SOFTWARE EXPENSE-FAC	570.38	1,200.00	629.62	47.53

BUDGET VS ACTUAL

Borough of Bellefonte

For 1/31/2025

SEWER	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
429.248.A00 COMPUTER SOFTWARE EXPENSE-SYS	1,174.64	8,400.00	7,225.36	13.98
429.249.000 MATERIALS & SUPPLIES EXPENSE - FAC	0.00	2,000.00	2,000.00	0.00
429.249.A00 MATERIALS & SUPPLIES EXP - SYSTEM	0.00	3,000.00	3,000.00	0.00
429.251.A00 VEHICLE MAINT EXP - SYSTEM	0.00	1,000.00	1,000.00	0.00
429.252.000 EQUIPMENT MAINT EXP - FAC	2,261.51	190,000.00	187,738.49	1.19
429.252.A00 EQUIPMENT MAINT EXP - SYS	0.00	10,000.00	10,000.00	0.00
429.257.000 FACILITY MAINTENANCE EXPENSE	1,458.01	31,000.00	29,541.99	4.70
429.258.A00 SYSTEM MAINTENANCE EXPENSE	0.00	30,000.00	30,000.00	0.00
429.260.000 MINOR EQUIPMENT EXPENSE-FAC	0.00	4,000.00	4,000.00	0.00
429.260.A00 MINOR EQUIPMENT EXP - SYSTEM	0.00	1,500.00	1,500.00	0.00
429.276.000 SERVICE CONTRACT EXP - FAC	0.00	34,000.00	34,000.00	0.00
429.310.A00 I & I EXPENSE - SYSTEM	0.00	30,000.00	30,000.00	0.00
429.311.000 AUDIT EXPENSE	0.00	8,800.00	8,800.00	0.00
429.313.000 ENGINEERING EXPENSE - FACILITY	0.00	100,000.00	100,000.00	0.00
429.313.A00 ENGINEERING EXPENSE - SYSTEM	0.00	500.00	500.00	0.00
429.314.000 LEGAL EXPENSE-FACILITY	0.00	3,000.00	3,000.00	0.00
429.314.A00 LEGAL EXPENSE - SYSTEM	0.00	3,100.00	3,100.00	0.00
429.316.000 ANALYTICAL TESTING EXP	0.00	47,500.00	47,500.00	0.00
429.317.000 DATA PROCESSING EXPENSE	0.00	1,475.00	1,475.00	0.00
429.319.000 PEST CONTROL EXPENSE	0.00	575.00	575.00	0.00
429.320.000 IT SERVICES EXPENSE-FAC	432.00	9,500.00	9,068.00	4.55
429.320.A00 IT SERVICES EXPENSE-SYSTEM	0.00	250.00	250.00	0.00
429.321.000 TELEPHONE EXPENSE-FACILITY	0.00	2,000.00	2,000.00	0.00
429.321.A00 TELEPHONE EXPENSE-SYSTEM	0.00	1,750.00	1,750.00	0.00
429.324.000 CELL PHONE/TABLET EXPENSE-FACILITY	0.00	3,000.00	3,000.00	0.00
429.324.A00 CELL PHONE EXPENSE - SYSTEM	0.00	180.00	180.00	0.00
429.325.000 INTERNET EXPENSE	169.98	2,250.00	2,080.02	7.55
429.331.000 TRAVEL EXPENSES-FACILITY	0.00	25.00	25.00	0.00
429.331.A00 TRAVEL EXPENSES-SYSTEM	0.00	25.00	25.00	0.00
429.341.000 ADVERTISING EXPENSE	137.28	500.00	362.72	27.46
429.342.000 PRINTING EXPENSE - FACILITY	50.23	200.00	149.77	25.12
429.342.A00 PRINTING EXPENSE - SYSTEM	0.00	300.00	300.00	0.00
429.344.000 COPY EXPENSE-FACILITY	0.00	300.00	300.00	0.00
429.344.A00 COPY EXPENSE - SYSTEM	0.00	100.00	100.00	0.00
429.350.000 INSURANCE EXPENSE	0.00	2,300.00	2,300.00	0.00
429.351.000 COMMERCIAL INSURANCE EXPENSE	0.00	66,000.00	66,000.00	0.00
429.354.000 WORKERS COMP INS EXP-FACILITY	0.00	31,200.00	31,200.00	0.00
429.354.A00 WORKER'S COMP INS EXP-SYSTEM	0.00	2,250.00	2,250.00	0.00
429.361.000 ELECTRICITY EXPENSE	535.17	338,750.00	338,214.83	0.16
429.362.000 NATURAL GAS EXPENSE	0.00	10,500.00	10,500.00	0.00
429.374.000 COPIER RENTAL/MAINT EXP	110.00	1,400.00	1,290.00	7.86
429.378.A00 MAINT OF STREETS EXP - SYSTEM	0.00	18,000.00	18,000.00	0.00
429.384.000 EQUIPMENT RENTAL EXP-FACILITY	0.00	2,500.00	2,500.00	0.00
429.384.A00 EQUIPMENT RENTAL EXP-SYSTEM	0.00	500.00	500.00	0.00
429.399.000 LEASE PAYMENT EXP-FAC	1,100.47	13,205.00	12,104.53	8.33
429.420.000 DUES/MEMBERSHIPS/SUB EXP-FAC	100.00	550.00	450.00	18.18
429.420.A00 SUBSCRIPTION EXP-SYSTEM	0.00	30.00	30.00	0.00

BUDGET VS ACTUAL

Borough of Bellefonte

For 1/31/2025

SEWER	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
429.450.000 CONTRACTED SERVICES EXP - FAC	0.00	3,000.00	3,000.00	0.00
429.450.A00 CONTRACTED SERVICES EXP - SYSTEM	0.00	15,000.00	15,000.00	0.00
429.460.000 TRAINING EXPENSE	0.00	17,000.00	17,000.00	0.00
429.469.000 BIOSOLIDS RECYCLING EXPENSE	4,140.00	71,000.00	66,860.00	5.83
429.470.000 CDL/OTHER LICENSE EXPENSE	0.00	1,500.00	1,500.00	0.00
429.471.000 DRUG TESTING EXPENSE	0.00	200.00	200.00	0.00
429.472.000 PERMIT FEES EXPENSE	0.00	4,000.00	4,000.00	0.00
429.473.000 OPERATORS LICENSE EXP-FAC	60.00	1,000.00	940.00	6.00
429.473.A00 OPERATORS LICENSE EXP-SYS	120.00	180.00	60.00	66.67
429.475.A00 REPAIRS TO PERSONAL PROP EXP-SYS	0.00	2,000.00	2,000.00	0.00
429.476.000 OTHER FEES EXPENSE	146.53	1,100.00	953.47	13.32
429.700.C00 CAPITAL EXPENDITURES - FACILITY	0.00	575,000.00	575,000.00	0.00
429.905.000 MISCELLANEOUS EXPENSE-FAC	0.00	50.00	50.00	0.00
472.403.A00 PENN WORKS LOAN EXP - PRINCIPAL <i>27,430.94</i>	0.00	332,205.00	332,205.00	0.00
472.404.A00 PENN WORKS LOAN EXP - INTEREST	1,501.41	14,985.00	13,483.59	10.02
472.405.A00 RELIANCE LOAN EXP - PRINCIPAL <i>5145.01</i>	0.00	62,455.00	62,455.00	0.00
472.406.A00 RELIANCE LOAN EXP - INTEREST	551.01	5,900.00	5,348.99	9.34
472.411.A00 NORTHWEST LOAN #3892 PRINCIPAL <i>14259.71</i>	0.00	175,130.00	175,130.00	0.00
472.412.A00 NORTHWEST LOAN #3892 INTEREST	6,417.63	73,000.00	66,582.37	8.79
475.000.A00 TRUSTEE FEE EXPENSE	0.00	1,100.00	1,100.00	0.00
492.001.B00 TRANSFER TO GENERAL FUND	0.00	140,000.00	140,000.00	0.00
492.095.B00 TRANSFER TO CAPITAL PROJ FUND	0.00	15,000.00	15,000.00	0.00
Total Expenses	131,907.45	4,052,180.00	3,920,272.55	3.26
Net Income	\$ 11,327.51	\$ 0.00	\$ (11,327.51)	\$ 0.00

net income

dm

SEWER FUND

Cash Balances @ 1/31/25

checking	\$189,945.87
money market	\$1,917,664.03

Loan Balances @ 1/31/25

Reliance	\$187,257.81
Northwest	\$2,779,352.43
PennWorks	\$873,371.76

Balance in Capital Projects Fund @ 1/31/25

\$209,100.00

BUDGET VS ACTUAL

Borough of Bellefonte

For 2/28/2025

WATER	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
Revenues				
341.010.000 INTEREST INCOME - CKG, SVGS	1,118.74	250.00	(868.74)	(447.50) 0000
341.020.000 INTEREST-SWEEP ACCT	7,388.00	48,000.00	40,612.00	(15.39)
342.401.000 RENTAL INCOME-SHENTEL	1,000.00	6,000.00	5,000.00	(16.67)
378.000.000 WATER COLLECTIONS REVENUE	271,769.77	1,519,545.00	1,247,775.23	(17.88)
378.001.000 SALE OF BULK WATER REVENUE	394.20	59,000.00	58,605.80	(0.67)
378.002.000 CW LINE CAPITAL PROJECTS REV	2,980.97	13,700.00	10,719.03	(21.76)
378.122.000 BULK WATER REV-NIAGARA-HOWARD PLANT	0.00	68,000.00	68,000.00	0.00
378.700.000 BULK WATER REVENUE-MILESBURG	4,598.16	45,000.00	40,401.84	(10.22)
378.901.000 METER/PIT/ETC SALES REVENUE	438.26	3,000.00	2,561.74	(14.61)
378.903.000 VACANCY APPLICATION REVENUE	60.00	250.00	190.00	(24.00)
378.904.000 WATER ON/OFF FEE REVENUE	0.00	120.00	120.00	0.00
378.905.000 SERVICES PROVIDED BY WATER DEP	0.00	400.00	400.00	0.00
378.906.000 POSTING FEE REVENUE	0.00	400.00	400.00	0.00
383.400.000 CAPACITY FEES & ASSESSMENT REV	2,661.56	15,180.00	12,518.44	(17.53)
389.000.000 MISCELLANEOUS REVENUE	1,550.59	50.00	(1,500.59)	(3,101.18) 0000
389.003.000 FEE REVENUE	0.00	20.00	20.00	0.00
391.100.000 SALE OF FIXED ASSETS REVENUE	0.00	1,000.00	1,000.00	0.00
392.095.000 TRANSFER IN FROM CAPITAL PROJ	0.00	651,000.00	651,000.00	0.00
Total Revenues	293,960.25	2,430,915.00	2,136,954.75	(12.09)
Expenses				
448.112.000 SALARY EXPENSE	85,790.34	428,000.00	342,209.66	20.04
448.180.000 OVERTIME WAGES EXPENSE	3,492.56	30,000.00	26,507.44	11.64
448.191.000 WORKBOOTS EXPENSE	2,800.00	2,400.00	(400.00)	116.67 0000
448.192.000 SOCIAL SECURITY EXPENSE	6,684.79	35,000.00	28,315.21	19.10
448.193.000 ENROLLMENT/ADMIN EXP-RETIREMEN	0.00	175.00	175.00	0.00
448.196.000 HEALTH INSURANCE EXPENSE	22,828.47	35,000.00	12,171.53	65.22
448.197.000 RETIREMENT EXPENSE	0.00	38,000.00	38,000.00	0.00
448.198.000 HEALTH CARE EXPENSE - IN HOUSE	2,376.82	6,500.00	4,123.18	36.57
448.199.000 LIFE INSURANCE EXPENSE	209.62	920.00	710.38	22.78
448.210.000 OFFICE SUPPLIES EXPENSE	144.94	900.00	755.06	16.10
448.215.000 POSTAGE EXPENSE	116.67	2,600.00	2,483.33	4.49
448.221.000 CHEMICAL EXPENSE	1,767.50	27,000.00	25,232.50	6.55
448.231.000 FUEL EXPENSE	1,003.91	12,750.00	11,746.09	7.87
448.238.000 CLOTHING & UNIFORM EXPENSE	0.00	3,100.00	3,100.00	0.00
448.246.000 REPAIR/MAINT/MISC SUPP EXP	6,417.44	27,500.00	21,082.56	23.34
448.249.000 COMPUTER SOFTWARE EXPENSE	2,332.32	11,750.00	9,417.68	19.85
448.251.000 VEHICLE & EQUIP MAINT EXP	1,646.93	28,500.00	26,853.07	5.78
448.253.000 REPAIRS TO WATER SYSTEM EXP	5,384.45	70,000.00	64,615.55	7.69
448.254.000 PUMP MAINT/REPAIRS EXPENSE	864.50	3,500.00	2,635.50	24.70
448.255.000 WATER METER MAINT/REPLACE EXP	4,849.06	340,000.00	335,150.94	1.43
448.260.000 TOOLS & MINOR EQUIPMENT EXP	49.97	5,000.00	4,950.03	1.00

0 sale of scrap metal

BUDGET VS ACTUAL
Borough of Bellefonte
For 2/28/2025

	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
WATER				
448.311.000 AUDIT EXPENSE	0.00	7,100.00	7,100.00	0.00
448.313.000 ENGINEERING EXPENSE	0.00	35,000.00	35,000.00	0.00
448.314.000 LEGAL EXPENSE	0.00	4,000.00	4,000.00	0.00
448.316.000 WATER TESTING EXPENSE	1,066.20	11,000.00	9,933.80	9.69
448.317.000 DATA PROCESSING EXPENSE	0.00	1,700.00	1,700.00	0.00
448.318.000 SERVICE AGREEMENT EXPENSE	0.00	3,600.00	3,600.00	0.00
448.319.000 PEST CONTROL EXPENSE	0.00	1,200.00	1,108.00	7.67
448.320.000 IT SERVICES EXPENSE	92.00	5,000.00	4,712.00	5.76
448.321.000 TELEPHONE EXPENSE	288.00	5,300.00	4,744.03	10.49
448.324.000 CELL PHONE/IPAD EXPENSE	555.97	3,900.00	3,785.95	2.92
448.325.000 INTERNET EXPENSE	114.05	7,750.00	6,862.67	11.45
448.329.000 SCADA SYSTEM EXPENSE	887.33	9,500.00	9,500.00	0.00
448.331.000 TRAVEL EXPENSE	0.00	50.00	50.00	0.00
448.341.000 ADVERTISING EXPENSE	47.96	350.00	302.04	13.70
448.342.000 PRINTING EXPENSE	0.00	500.00	500.00	0.00
448.344.000 COPY EXPENSE	0.00	275.00	275.00	0.00
448.351.000 COMMERCIAL INS EXPENSE	11,000.00	41,000.00	30,000.00	26.83
448.354.000 WORKERS COMP INS EXPENSE	6,000.00	17,750.00	11,750.00	33.80
448.361.000 ELECTRICITY EXPENSE	21,597.17	218,500.00	196,902.83	9.88
448.362.000 HEATING OIL EXP - PUMP HOUSE	1,081.59	3,500.00	2,418.41	30.90
448.375.000 PREVENTATIVE MAINTENANCE EXP	0.00	20,000.00	20,000.00	0.00
448.376.000 MAINT OF PUMP HOUSES EXPENSE	106.20	3,000.00	2,893.80	3.54
448.377.000 MAINTENANCE OF RESERVOIR EXP	0.00	21,000.00	21,000.00	0.00
448.378.000 MAINT OF STREETS EXPENSE	0.00	35,000.00	35,000.00	0.00
448.384.000 EQUIPMENT RENTAL EXPENSE	0.00	1,000.00	1,000.00	0.00
448.420.000 DUES/MEMBERSHIP/SUB EXP	100.00	1,000.00	900.00	10.00
448.450.000 CONTRACTED SERVICES EXPENSE	6,902.50	15,500.00	8,597.50	44.53
448.460.000 TRAINING/MEETING EXPENSE	0.00	4,200.00	4,200.00	0.00
448.470.000 CDL/OTHER LICENSE EXPENSE	0.00	225.00	225.00	0.00
448.471.000 DRUG TESTING EXPENSE	0.00	350.00	350.00	0.00
448.473.000 OPERATORS LICENSE FEE EXP	0.00	120.00	120.00	0.00
448.474.000 REPAIRS TO PERSONAL PROP EXP	0.00	1,000.00	1,000.00	0.00
448.475.000 OTHER FEES EXPENSE	0.00	11,000.00	11,000.00	0.00
448.478.000 SALES TAX EXPENSE	0.00	250.00	250.00	0.00
448.700.000 CAPITAL EXPENDITURES	8,221.89	402,000.00	393,778.11	2.05
448.701.000 CAPITAL EXPENDITURE-WATER LINE	0.00	315,000.00	315,000.00	0.00
492.001.000 TRANSFER TO GENERAL FUND	25,000.00	100,000.00	75,000.00	25.00
492.095.000 TRANSFER TO CAPITAL PROJECTS	0.00	14,700.00	14,700.00	0.00
Total Expenses	231,821.15	2,430,915.00	2,199,093.85	9.54
Net Income	\$ 62,139.10 \$	0.00 \$	(62,139.10) \$	0.00

net income

Im

WATER FUND

Cash Balances @ 2/28/25

checking	\$479,551.49
sweep account	\$1,071,850.36

Balance in Capital Projects Fund @ 2/28/25

water	\$1,263,694.66
corning water	\$159,550.00

BUDGET VS ACTUAL

Borough of Bellefonte

For 2/28/2025

SEWER	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
Revenues				
341.005.000 INTEREST INCOME-MONEY MARKET	10,720.20	47,000.00	36,279.80	(22.81)
341.010.000 INTEREST INCOME - CKG, SVGS	800.64	175.00	(625.64)	(457.51) <i>0000</i>
364.110.000 SEWER COLLECTION REVENUE	290,816.94	1,847,000.00	1,556,183.06	(15.75)
364.111.000 SEWER CAPITAL IMPROVEMENTS REV	0.00	15,000.00	15,000.00	0.00
364.171.000 SURCHARGE REVENUE	0.00	1,200.00	1,200.00	0.00
364.172.000 PRETREATMENT REVENUE	0.00	2,800.00	2,800.00	0.00
364.174.000 WASTE DISPOSAL REVENUE	5,139.08	84,000.00	78,860.92	(6.12)
364.180.000 BULK WATER LOADS REVENUE	63.00	2,500.00	2,437.00	(2.52)
364.901.000 BULK HAULING PERMIT REVENUE	0.00	120.00	120.00	0.00
364.904.000 CAPITAL IMPROVEMENTS-SBW	0.00	241,500.00	241,500.00	0.00
364.905.000 OPERATING SPRING,BENNER,WALKER	0.00	1,763,200.00	1,763,200.00	0.00
399.001.000 USE OF RESERVES	0.00	47,685.00	47,685.00	0.00
Total Revenues	307,539.86	4,052,180.00	3,744,640.14	(7.59)
Expenses				
429.112.000 SALARY EXPENSE-FACILITY	109,629.97	782,500.00	672,870.03	14.01
429.112.A00 SALARY EXPENSE-SYSTEM	0.00	57,500.00	57,500.00	0.00
429.180.000 OVERTIME WAGES EXPENSE-FAC	5,238.78	35,000.00	29,761.22	14.97
429.180.A00 OVERTIME WAGES EXPENSE-SYS	0.00	1,500.00	1,500.00	0.00
429.191.000 WORKBOOTS EXPENSE	4,000.00	4,800.00	800.00	83.33
429.192.000 SOCIAL SECURITY EXPENSE-FAC	8,521.47	62,500.00	53,978.53	13.63
429.192.A00 SOCIAL SECURITY EXPENSE-SYS	0.00	4,500.00	4,500.00	0.00
429.193.000 ENROLLMENT/ADMIN EXP-RETIREMEN	0.00	210.00	210.00	0.00
429.196.000 HEALTH INSURANCE EXPENSE-FAC	44,785.66	205,000.00	160,214.34	21.85
429.196.A00 HEALTH INS EXPENSE-SYSTEM	0.00	7,750.00	7,750.00	0.00
429.197.000 RETIREMENT EXPENSE-FAC	0.00	75,000.00	75,000.00	0.00
429.197.A00 RETIREMENT EXPENSE-SYSTEM	0.00	5,900.00	5,900.00	0.00
429.198.000 HEALTH CARE EXPENSE - IN HOUSE	259.62	10,150.00	9,890.38	2.56
429.199.000 LIFE INSURANCE EXPENSE-FAC	280.54	1,950.00	1,669.46	14.39
429.199.A00 LIFE INS EXPENSE-SYSTEM	0.00	125.00	125.00	0.00
429.210.000 OFFICE SUPPLIES EXP - FACILITY	75.00	1,100.00	1,025.00	6.82
429.210.A00 OFFICE SUPPLIES EXPENSE - SYSTEM	141.52	150.00	8.48	94.35
429.215.000 POSTAGE EXPENSE - FACILITY	0.00	200.00	200.00	0.00
429.215.A00 POSTAGE EXPENSE-SYSTEM	116.66	1,500.00	1,383.34	7.78
429.217.000 SHIPPING FEES EXP-FAC	137.18	150.00	12.82	91.45
429.217.A00 SHIPPING FEES EXP-SYS	0.00	25.00	25.00	0.00
429.221.000 CHEMICAL EXPENSE	12,760.00	245,000.00	232,240.00	5.21
429.225.000 LABORATORY SUPPLIES EXPENSE	1,006.38	7,000.00	5,993.62	14.38
429.231.000 FUEL EXPENSE - FACILITY	518.60	7,000.00	6,481.40	7.41
429.231.A00 FUEL EXPENSE - SYSTEM	0.00	1,500.00	1,500.00	0.00
429.238.000 CLOTHING & UNIFORM EXPENSE	0.00	4,750.00	4,750.00	0.00
429.248.000 COMPUTER SOFTWARE EXPENSE-FAC	570.38	1,200.00	629.62	47.53

BUDGET VS ACTUAL Borough of Bellefonte For 2/28/2025

SEWER	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
429.248.A00 COMPUTER SOFTWARE EXPENSE-SYS	1,761.96	8,400.00	6,638.04	20.98
429.249.000 MATERIALS & SUPPLIES EXPENSE - FAC	87.12	2,000.00	1,912.88	4.36
429.249.A00 MATERIALS & SUPPLIES EXP - SYSTEM	0.00	3,000.00	3,000.00	0.00
429.251.A00 VEHICLE MAINT EXP - SYSTEM	0.00	1,000.00	1,000.00	0.00
429.252.000 EQUIPMENT MAINT EXP - FAC	10,630.77	190,000.00	179,369.23	5.60
429.252.A00 EQUIPMENT MAINT EXP - SYS	0.00	10,000.00	10,000.00	0.00
429.257.000 FACILITY MAINTENANCE EXPENSE	0.00	31,000.00	26,902.88	13.22
429.258.A00 SYSTEM MAINTENANCE EXPENSE	4,097.12	30,000.00	30,000.00	0.00
429.260.000 MINOR EQUIPMENT EXPENSE-FAC	0.00	4,000.00	4,000.00	0.00
429.260.A00 MINOR EQUIPMENT EXP - SYSTEM	0.00	1,500.00	1,500.00	0.00
429.276.000 SERVICE CONTRACT EXP - FAC	2,093.81	34,000.00	31,906.19	6.16
429.310.A00 I & I EXPENSE - SYSTEM	0.00	30,000.00	30,000.00	0.00
429.311.000 AUDIT EXPENSE	0.00	8,800.00	8,800.00	0.00
429.313.000 ENGINEERING EXPENSE - FACILITY	8,134.50	100,000.00	91,865.50	8.13
429.313.A00 ENGINEERING EXPENSE - SYSTEM	0.00	500.00	500.00	0.00
429.314.000 LEGAL EXPENSE-FACILITY	0.00	3,000.00	3,000.00	0.00
429.314.A00 LEGAL EXPENSE - SYSTEM	980.50	3,100.00	2,119.50	31.63
429.316.000 ANALYTICAL TESTING EXP	2,952.10	47,500.00	44,547.90	6.21
429.317.000 DATA PROCESSING EXPENSE	109.50	1,475.00	1,365.50	7.42
429.319.000 PEST CONTROL EXPENSE	44.00	575.00	531.00	7.65
429.320.000 IT SERVICES EXPENSE-FAC	432.00	9,500.00	9,068.00	4.55
429.320.A00 IT SERVICES EXPENSE-SYSTEM	0.00	250.00	250.00	0.00
429.321.000 TELEPHONE EXPENSE-FACILITY	120.08	2,000.00	1,879.92	6.00
429.321.A00 TELEPHONE EXPENSE-SYSTEM	80.06	1,750.00	1,669.94	4.57
429.324.000 CELL PHONE/TABLET EXPENSE-FACILITY	67.43	3,000.00	2,932.57	2.25
429.324.A00 CELL PHONE EXPENSE - SYSTEM	0.00	180.00	180.00	0.00
429.325.000 INTERNET EXPENSE	339.99	2,250.00	1,910.01	15.11
429.331.000 TRAVEL EXPENSES-FACILITY	0.00	25.00	25.00	0.00
429.331.A00 TRAVEL EXPENSES-SYSTEM	0.00	25.00	25.00	0.00
429.341.000 ADVERTISING EXPENSE	137.28	500.00	362.72	27.46
429.342.000 PRINTING EXPENSE - FACILITY	0.00	200.00	200.00	0.00
429.342.A00 PRINTING EXPENSE - SYSTEM	0.00	300.00	300.00	0.00
429.344.000 COPY EXPENSE-FACILITY	0.00	300.00	300.00	0.00
429.344.A00 COPY EXPENSE - SYSTEM	0.00	100.00	100.00	0.00
429.350.000 INSURANCE EXPENSE	0.00	2,300.00	2,300.00	0.00
429.351.000 COMMERCIAL INSURANCE EXPENSE	11,000.00	66,000.00	55,000.00	16.67
429.354.000 WORKERS COMP INS EXP-FACILITY	6,570.00	31,200.00	24,630.00	21.06
429.354.A00 WORKER'S COMP INS EXP-SYSTEM	0.00	2,250.00	2,250.00	0.00
429.361.000 ELECTRICITY EXPENSE	32,483.44	338,750.00	306,266.56	9.59
429.362.000 NATURAL GAS EXPENSE	2,772.25	10,500.00	7,727.75	26.40
429.374.000 COPIER RENTAL/MAINT EXP	220.00	1,400.00	1,180.00	15.71
429.378.A00 MAINT OF STREETS EXP - SYSTEM	0.00	18,000.00	18,000.00	0.00
429.384.000 EQUIPMENT RENTAL EXP-FACILITY	0.00	2,500.00	2,500.00	0.00
429.384.A00 EQUIPMENT RENTAL EXP-SYSTEM	0.00	500.00	500.00	0.00
429.399.000 LEASE PAYMENT EXP-FAC	2,200.94	13,205.00	11,004.06	16.67
429.420.000 DUES/ MEMBERSHIPS/SUB EXP-FAC	100.00	550.00	450.00	18.18
429.420.A00 SUBSCRIPTION EXP-SYSTEM	0.00	30.00	30.00	0.00

BUDGET VS ACTUAL

Borough of Bellefonte

For 2/28/2025

Run: 3/27/2025 at 9:33 AM

SEWER	Y-T-D Actual	Annual Budget	Variance	Percent of Budget
429.450.000 CONTRACTED SERVICES EXP - FAC	0.00	3,000.00	3,000.00	0.00
429.450.A00 CONTRACTED SERVICES EXP - SYSTEM	0.00	15,000.00	15,000.00	0.00
429.460.000 TRAINING EXPENSE	0.00	17,000.00	17,000.00	0.00
429.469.000 BIOSOLIDS RECYCLING EXPENSE	10,387.80	71,000.00	60,612.20	14.63
429.470.000 CDL/OTHER LICENSE EXPENSE	0.00	1,500.00	1,500.00	0.00
429.471.000 DRUG TESTING EXPENSE	0.00	200.00	200.00	0.00
429.472.000 PERMIT FEES EXPENSE	0.00	4,000.00	4,000.00	0.00
429.473.A00 OPERATORS LICENSE EXP-FAC	60.00	1,000.00	940.00	6.00
429.473.A00 OPERATORS LICENSE EXP-SYS	120.00	180.00	60.00	66.67
429.475.A00 REPAIRS TO PERSONAL PROP EXP-SYS	0.00	2,000.00	2,000.00	0.00
429.476.000 OTHER FEES EXPENSE	146.53	1,100.00	953.47	13.32
429.480.000 MISCELLANEOUS EXPENSE-FACILITY	28,733.18	0.00	(28,733.18)	0.00
429.700.C00 CAPITAL EXPENDITURES - FACILITY	5,922.40	575,000.00	569,077.60	1.03
429.905.000 MISCELLANEOUS EXPENSE-FAC	0.00	50.00	50.00	0.00
472.403.A00 PENN WORKS LOAN EXP - PRINCIPAL	0.00	332,205.00	332,205.00	0.00
472.404.A00 PENN WORKS LOAN EXP - INTEREST	2,957.11	14,985.00	12,027.89	19.73
472.405.A00 RELIANCE LOAN EXP - PRINCIPAL	0.00	62,455.00	62,455.00	0.00
472.406.A00 RELIANCE LOAN EXP - INTEREST	1,086.35	5,900.00	4,813.65	18.41
472.411.A00 NORTHWEST LOAN #3892 PRINCIPAL	0.00	175,130.00	175,130.00	0.00
472.412.A00 NORTHWEST LOAN #3892 INTEREST	12,803.60	73,000.00	60,196.40	17.54
475.000.A00 TRUSTEE FEE EXPENSE	0.00	1,100.00	1,100.00	0.00
492.001.B00 TRANSFER TO GENERAL FUND	0.00	140,000.00	140,000.00	0.00
492.095.B00 TRANSFER TO CAPITAL PROJ FUND	0.00	15,000.00	15,000.00	0.00
Total Expenses	337,673.58	4,052,180.00	3,714,506.42	8.33
Net Income	\$ (30,133.72)\$	0.00 \$	30,133.72 \$	0.00

net loss

lm

SEWER FUND

Cash Balances @ 2/28/25

checking	\$274,517.56
money market	\$1,722,538.62

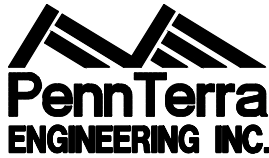
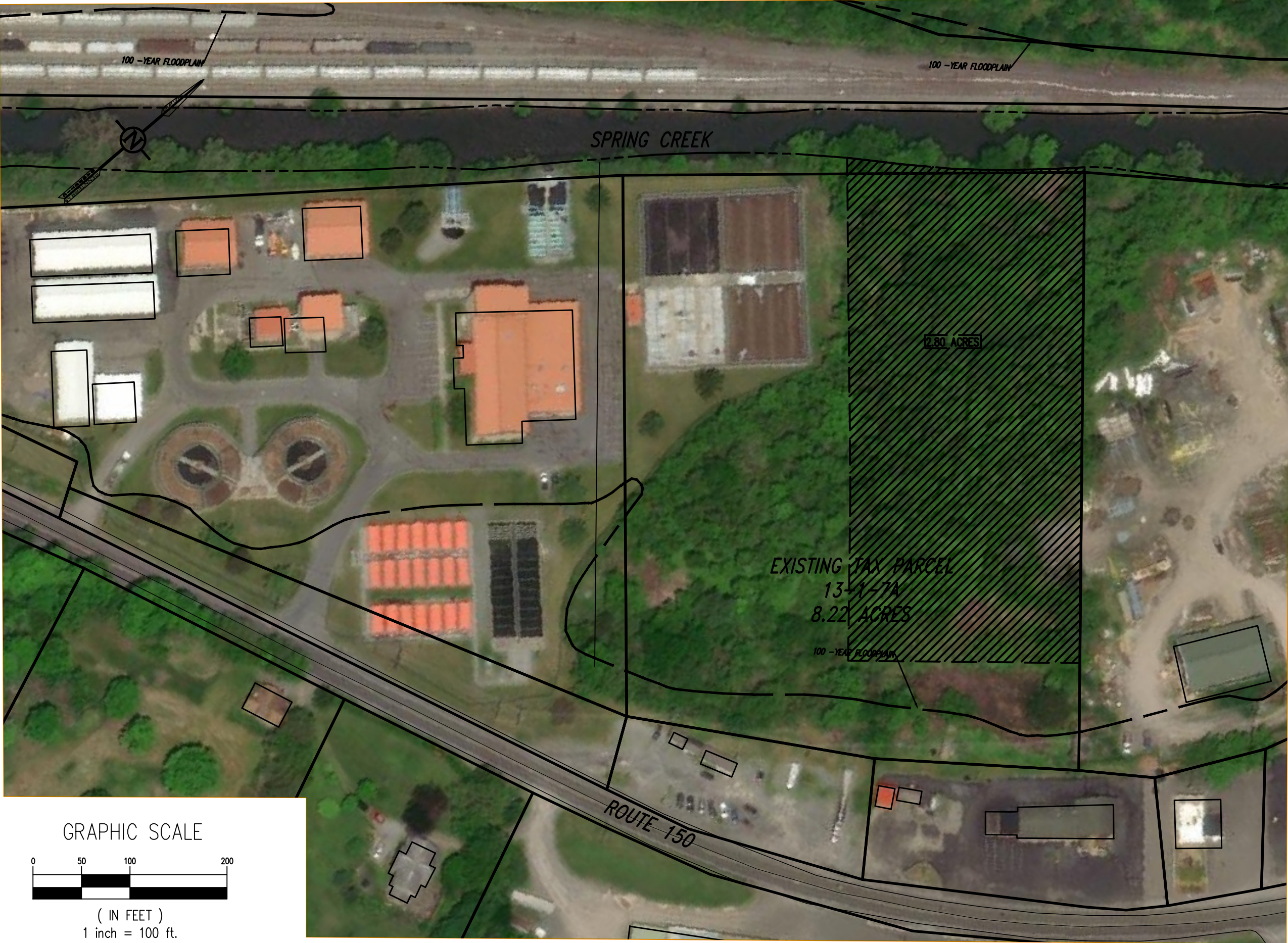
Loan Balances @ 2/28/25

Reliance	\$182,097.13
Northwest	\$2,765,061.06
PennWorks	\$845,940.76

Balance in Capital Projects Fund @ 2/28/25

\$209,100.00

P:\addpro\2016\16287\Design\design files\16287-Treatment Plant.dwg, 3/31/2025 2:13:20 PM, 1:1



**CENTRAL PENNSYLVANIA
REGION OFFICE:**
3075 ENTERPRISE DRIVE
SUITE 100
STATE COLLEGE, PA 16801
PH: 814-231-8285
Fax: 814-237-2308

WWW.PENNTERRA.COM

Designer	RRK/ACT
Proj. Manager	NLG
Surveyor	XXX
Perimeter Ck.	XXX
Book	XXX Pg
Acad	XXX
View/Snap	XXX

BELLEFONTE WATERFRONT

BELLEFONTE BOROUGH
CENTRE COUNTY
PENNSYLVANIA

RIPARIAN BUFFER EXHIBIT (BELLEFONTE WASTEWATER TREATMENT PLANT)

Date
MARCH 31, 2025

Scale
1" = 100'

Project No.
16287

Sheet No.
1 of 1

Bellefonte Borough Authority Meeting April 1st 2025 WWTP Report

Bulk Water sales for the month of January were approx. 70,000 gals.

3/3/25 – Polymer tote scale went OOS. Load cell replaced with used one on site, new ones not available. – Hach RTC support called and reported our reagent pump is bad and a replacement needs ordered. (Phosphax) Hach Technician replaced pump 3/11/25

3/11/25 – Contacted our DEP WQS about reporting units for PFAS & Total metals added to our NPDES permit. Ng/L in the narrative, ug/L labeled on the eDMR. – Maintenance completed installation of the final sand filter air lift. Had to pump out the sand tank catching overflow. – Shannon and I flagged out starting fields at the Weaver farm. – Received SBWJA Chapter 94 report hard copy, requested an efile version and placed in the OneDrive for B&L.

3/13/25 – Columbia gas cut off our supply to fix a leak outside our perimeter fence. Had allied mechanical in for bleeding of the lines and checking for leaks.

3/17/25 – Doug Redfern started as a new operator. – 2 personnel off due to power outage & storm damage.

3/18/25 – Maintenance pulled UV banks cleaning both the units and the channels of biocarb residue. Fecal counts had been increasing.

3/19/25 – Suburban Labs in to perform our first PFAS sampling on the Influent, Effluent and Biosolids. Our DEP WQS was on site to perform an inspection and observe the sample collection for PFAS. No violations. – Replaced solenoid valves on the pretreatment fine screen. – Slurry pump feeding the Magnetite went OOS.

3/20/25 – Spreading started at the Weaver farm.

3/24/25 – Shannon met the DEP Biosolids inspector on site at the Weaver farm. Passed inspection. – Ralph signed the installation proposal for the carrier/ R.A.S. pumps. Sent 3/26.

3/25/25 – Belt broke on the gravity thickener, maintenance called in to repair 5:00am.

3/27/25 – Contacted by Jean & Paola @ B&L that Industrial pretreatment and Chapter 94 reports are complete and ready to sign. – Total Wet tons spread at the Weaver farm as of 3/27 was approx.. 460 wet tons. From earlier in the month 120.73 wet tons were landfilled.

Water Report April 2025

3/2/25 Leak repaired @ 252 Isabella Circle (leak at corp) Eby completed the work

3/ 4-7/25 Water main extension and inspection @ Logan Greene Phase 2A (JVH contractor)

3/ 4-6/25 Guyer Brothers repairing sewer main breaks on E. Beaver St

3/10/25 Repair 6" water main @ 118 E. Burnside St (clamp)

3/10/25 Jett sewer main @ Wilson St / Bishop St

3/10/25 Martz Technologies upgraded all battery backup's at pump stations / tanks (Except Big Spring Pump House)

3/11/25 Replace water service line @ 628 Willowbank St (customers side copper)

3/12/25 Leak Detection, Complex Project meeting @ Benner Pike / Rishel Hill Rd

3/13/25 Dug up and installed conduit for electric service @ Compost Facility building

3/17/25 Clean sewer lateral @ 243 W. Beaver St, Storm clean up

3/19/25 Repair 2" water main @ 315 E. Burnside St (clamp)

3/20/25 Ken Dennis assisted with chlorine ejector issue (nozzle size increase)

3/21/25 Training with L.B. Water

3/25-27/25 Rural Water Conference

3/25/25 Inspect water tap and tie in @ meter vault for Elementary School

3/26/25 Install new water shut off @ 140 Haupt Ave

3/28/25 Locate water leaks @ 100 block of E. Beaver St

3/24-27/25 Guyer Brothers repaired / lined sewer main on E. Beaver St

3/31/25 Repaired (2) 4" water main breaks near 185 E. Beaver St (clamp)

Marked 53 PA 1-Calls

Installed 50 new water meters, 43 replacements, 7 new construction

Ralph Stewart

From: John Sepp <jsepp@pennterra.com>
Sent: Wednesday, March 26, 2025 7:56 PM
To: Ralph Stewart
Subject: FW: [External] Bellefonte Waterfront NPDES Permit

Ralph

Please give me a call to discuss

Thanks

John

From: Kostival, Ryan C <rkostival@pa.gov>
Sent: Tuesday, March 25, 2025 2:46 PM
To: John Sepp <jsepp@pennterra.com>; Tom Songer II <tfsonger@torrongroup.com>; Putt, Steven <stputt@pa.gov>; Matt Auman <mauman@bellefontepa.gov>; Julie Brooks <jbrooks@bellefontepa.gov>; Frank Noll <fnoll@bellefontepa.gov>; sstruble@bellefontepa.gov
Cc: Robert Kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott <greg@cbicc.org>; Todd Dolbin <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>; Cindy Woodring <cwoodring@torrongroup.com>; Zack Zapsky <zzapsky@pennterra.com>
Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Hi John

As discussed, DEP [responses](#) below (thanks Steve!). Please review and let us know if there are any follow-up questions and/or if virtual meeting is still needed.

Q - *Can the needed riparian property be leased to the developer?*

A – No. The regulations state that the buffer must be protected in perpetuity. It is extremely unlikely that a lease could be written to protect the required buffer in perpetuity. An easement or deed restriction are generally the mechanisms used for this purpose.

Q - *Is the area reserved for the buffer irrevocable or can the boundaries be altered in the future if needed?*

A – The boundaries of the restricted area (buffer) need to be identified. So, no changes diminishing the buffer area or acreage would be allowed. However, additional area could be added to the restricted buffer area at a later date.

Q - *Can parkland owned by the Borough adjacent to Spring Creek such as Krause Park or Masullo park be used? If so, what would be required and what would the Borough need to maintain?*

A – No. Areas already set aside for conservation, open space, recreation, etc. cannot be used. The intent is to protect or create a new buffer that isn't already in a set-aside program or otherwise have restricted use already.

Q - *Can the required acreage be spread over several properties?*

A – Yes. However, the acreage can not be separated into areas that are too small to function as an effective riparian buffer. The buffer areas have to be large enough to allow the buffer to function for water quality benefits.

Q - Are there any expenses that the will the Authority have to absorb in regard to long term ownership of the buffer?

A – There are no additional expenses that the Department would require beyond the initial protection (easement, deed restriction, etc.) of the buffer area(s).

v/r

-Ryan

From: John Sepp <jsepp@pennterra.com>

Sent: Thursday, March 20, 2025 8:55 PM

To: Kostival, Ryan C <rkostival@pa.gov>; Tom Songer II <tfsonger@torrongroup.com>; Putt, Steven <stputt@pa.gov>; Matt Auman <mauman@bellefontepa.gov>; Julie Brooks <jbrooks@bellefontepa.gov>; Frank Noll <fnoll@bellefontepa.gov>; sstruble@bellefontepa.gov

Cc: Robert Kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott <greg@cbicc.org>; Todd Dolbin <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>; Cindy Woodring <clwoodring@torrongroup.com>; Zack Zapsky <zzapsky@pennterra.com>

Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Thanks Ryan

From: Kostival, Ryan C <rkostival@pa.gov>

Sent: Thursday, March 20, 2025 12:14 PM

To: John Sepp <jsepp@pennterra.com>; Tom Songer II <tfsonger@torrongroup.com>; Putt, Steven <stputt@pa.gov>; Matt Auman <mauman@bellefontepa.gov>; Julie Brooks <jbrooks@bellefontepa.gov>; Frank Noll <fnoll@bellefontepa.gov>; sstruble@bellefontepa.gov

Cc: Robert Kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott <greg@cbicc.org>; Todd Dolbin <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>; Cindy Woodring <clwoodring@torrongroup.com>; Zack Zapsky <zzapsky@pennterra.com>

Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Thanks for the quick feedback, John.

DEP's legal team will need some time to review and assemble feedback on those items. Let's scratch tomorrow and I'll connect with Steve to propose a few dates/times for next week.

I'll set up that Teams meeting.

v/r

-Ryan

From: John Sepp <jsepp@pennterra.com>

Sent: Thursday, March 20, 2025 11:50 AM

To: Kostival, Ryan C <rkostival@pa.gov>; Tom Songer II <tfsonger@torrongroup.com>; Putt, Steven <stputt@pa.gov>; Matt Auman <mauman@bellefontepa.gov>; Julie Brooks <jbrooks@bellefontepa.gov>; Frank Noll <fnoll@bellefontepa.gov>; sstruble@bellefontepa.gov

Cc: Robert Kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott <greg@cbicc.org>; Todd Dolbin <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>; Cindy Woodring <clwoodring@torrongroup.com>; Zack Zapsky <zzapsky@pennterra.com>

Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Good Morning Ryan

Let's set it for 10:00 tomorrow. Do you want to set up the meeting? I can set it up via ZOOM, let me know what is best for you.

Bellefonte has the following questions on the issue in regard to the area being reserved for the buffer:

Can the needed riparian property be leased to the developer?

Is the area reserved for the buffer irrevocable or can the boundaries be altered in the future if needed?

Can parkland owned by the Borough adjacent to Spring Creek such as Krause Park or Masullo park be used? If so, what would be required and what would the Borough need to maintain?

Can the required acreage be spread over several properties?

Are there any expenses that the will the Authority have to absorb in regard to long term ownership of the buffer?

Thanks

John

From: Kostival, Ryan C <rkostival@pa.gov>

Sent: Thursday, March 20, 2025 9:08 AM

To: John Sepp <jsepp@pennterra.com>; Tom Songer II <tfsonger@torrongroup.com>; Putt, Steven <stputt@pa.gov>; Matt Auman <mauman@bellefontepa.gov>; Julie Brooks <jbrooks@bellefontepa.gov>; Frank Noll <fnoll@bellefontepa.gov>; sstruble@bellefontepa.gov

Cc: Robert Kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott <greg@cbicc.org>; Todd Dolbin <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>

Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Hi John.

Today is no good on this end, but Steve and I are both available tomorrow (3/21) 10AM and 11AM.

"Riparian buffer requirements" is a broad topic, so it would be helpful to have specific questions, items of interest, etc. beforehand (COB today) to ensure the right folks are included. For example, buffer easement topic might require agency legal staff input, etc.

Thanks

-Ryan

From: John Sepp <jsepp@pennterra.com>

Sent: Wednesday, March 19, 2025 1:57 PM

To: Kostival, Ryan C <rkostival@pa.gov>; Tom Songer II <tfsonger@torrongroup.com>; Putt, Steven <stputt@pa.gov>; Matt Auman <mauman@bellefontepa.gov>; Julie Brooks <jbrooks@bellefontepa.gov>; Frank Noll <fnoll@bellefontepa.gov>; sstruble@bellefontepa.gov

Cc: Robert Kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott <greg@cbicc.org>; Todd Dolbin <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>

Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Ryan

Would tomorrow at 11:00 or 2:00 or Friday at 10:00 or 11:00 work?

Thanks

John

From: John Sepp <jsepp@pennterra.com>
Sent: Wednesday, March 19, 2025 11:19 AM
To: 'Kostival, Ryan C' <rkostival@pa.gov>; 'Tom Songer II' <tfsonger@torrongroup.com>; 'Putt, Steven' <stputt@pa.gov>; 'Matt Auman' <mauman@bellefontepa.gov>; 'Julie Brooks' <jbrooks@bellefontepa.gov>; 'Frank Noll' <fnoll@bellefontepa.gov>; 'sstruble@bellefontepa.gov' <sstruble@bellefontepa.gov>
Cc: Robert Kressler <rkressler@pennterra.com>; 'Thomas Songer' <t3songer@gsarealty.com>; 'Greg Scott' <greg@cbicc.org>; 'Todd Dolbin' <tdolbin@cbicc.org>; 'Ralph Stewart' <rstewart@bellefontepa.gov>
Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Ryan

I will find out and get back to you

Thanks

John

From: Kostival, Ryan C <rkostival@pa.gov>
Sent: Wednesday, March 19, 2025 9:25 AM
To: John Sepp <jsepp@pennterra.com>; Tom Songer II <tfsonger@torrongroup.com>; Putt, Steven <stputt@pa.gov>; Matt Auman <mauman@bellefontepa.gov>; Julie Brooks <jbrooks@bellefontepa.gov>; Frank Noll <fnoll@bellefontepa.gov>; sstruble@bellefontepa.gov
Cc: Robert Kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott <greg@cbicc.org>; Todd Dolbin <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>
Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Thanks John.

Are there a few tentative/proposed dates and times on your end that DEP/Steve et al and I could evaluate against our schedules?

v/r
-Ryan

From: John Sepp <jsepp@pennterra.com>
Sent: Wednesday, March 19, 2025 9:08 AM
To: Tom Songer II <tfsonger@torrongroup.com>; Kostival, Ryan C <rkostival@pa.gov>; Putt, Steven <stputt@pa.gov>; Matt Auman <mauman@bellefontepa.gov>; Julie Brooks <jbrooks@bellefontepa.gov>; Frank Noll <fnoll@bellefontepa.gov>; sstruble@bellefontepa.gov
Cc: Robert Kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott <greg@cbicc.org>; Todd Dolbin <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>
Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Good Morning Ryan

The Bellefonte Sewer Authority had a meeting last night and discussed the riparian buffer requirements for the project. The Authority has asked me to coordinate a virtual meeting with the Department to discuss specifics of the Riparian Buffer requirements. Can you provide me with some dates and times that would work for you and I can coordinate the meeting?

Thanks

John Sepp

From: Tom Songer II <tfsonger@torrongroup.com>
Sent: Friday, March 14, 2025 9:07 PM
To: Kostival, Ryan C <rkostival@pa.gov>
Cc: John Sepp (jsepp@pennterra.com) <jsepp@pennterra.com>; robert kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott (greg@cbicc.org) <greg@cbicc.org>; Todd Dolbin (tdolbin@cbicc.org) <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>
Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Good evening, Ryan—thanks for the good news. We appreciate DEP NCRO's cooperation in helping to expedite the permit review.

Have a nice weekend.

Tom Songer II, PE
Torron Group
366 Walker Drive, Suite 201
State College, Pa. 16801
P 814-231-2800 #1
C 814-404-7285
www.torrongroup.com

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From: Kostival, Ryan C <rkostival@pa.gov>
Sent: Friday, March 14, 2025 3:35 PM
To: Tom Songer II <tfsonger@torrongroup.com>
Cc: John Sepp (jsepp@pennterra.com) <jsepp@pennterra.com>; robert kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott (greg@cbicc.org) <greg@cbicc.org>; Todd Dolbin (tdolbin@cbicc.org) <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>
Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Hi Tom

Quick update: I've confirmed that DEP NCRO is expediting technical review of the PAD140039 application and will likely post notice of the draft permit in the PA Bulletin (PAB) by end of March, which doesn't typically occur until much later in the technical review cycle. Staff will continue performing review during that mandatory 30-day public comment period (clock starts the date of PAB posting) and actively work to tie up any loose ends with your project team.

PAB postings occur online each Saturday >> <https://www.pacodeandbulletin.gov/>

Please reach out if/as needed...and have a great weekend.

-Ryan

Ryan C. Kostival, CHMM | Environmental Coordinator
Office of the Governor | Office of Transformation and Opportunity
400 North Street, Plaza Level | Harrisburg, PA 17120
C:717.562.6131 Email: rkostival@pa.gov

From: Kostival, Ryan C
Sent: Tuesday, March 11, 2025 11:01 AM
To: Tom Songer II <tfsonger@torrongroup.com>
Cc: John Sepp (jsepp@pennterra.com) <jsepp@pennterra.com>; robert kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott (greg@cbicc.org) <greg@cbicc.org>; Todd Dolbin (tdolbin@cbicc.org) <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>
Subject: RE: [External] Bellefonte Waterfront NPDES Permit

Good morning, Tom.

Thank you for the update. I will connect with DEP-NCRO leadership to confirm letter receipt and priority review branding.

For my local notes, could your team also send me an e-copy of the completed checklist form that was submitted with this NPDES package?

v/r

-Ryan

Ryan C. Kostival, CHMM | Environmental Coordinator
Office of the Governor | Office of Transformation and Opportunity
400 North Street, Plaza Level | Harrisburg, PA 17120
C:717.562.6131 Email: rkostival@pa.gov

From: Tom Songer II <tfsonger@torrongroup.com>
Sent: Monday, March 10, 2025 5:19 PM
To: Kostival, Ryan C <rkostival@pa.gov>
Cc: John Sepp (jsepp@pennterra.com) <jsepp@pennterra.com>; robert kressler <rkressler@pennterra.com>; Thomas Songer <t3songer@gsarealty.com>; Greg Scott (greg@cbicc.org) <greg@cbicc.org>; Todd Dolbin (tdolbin@cbicc.org) <tdolbin@cbicc.org>; Ralph Stewart <rstewart@bellefontepa.gov>
Subject: [External] Bellefonte Waterfront NPDES Permit

ATTENTION: This email message is from an external sender. Do not open links or attachments from unknown senders. To report suspicious email, use the [Report Phishing button in Outlook](#).

Hello Ryan—just to let you know that the NPDES Permit for the BWF project has been submitted to the Centre County Soil Conservation District. See attached letter.

A copy of this letter was sent to DEP-NCRO but perhaps you should check with them to make sure they got it and could assist with expediting the permit review.

Tom Songer II, PE
Torrón Group
366 Walker Drive, Suite 201
State College, Pa. 16801
P 814-231-2800 #1
C 814-404-7285
www.torrongroup.com

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Richard R. Parizek,
Emeritus Professor of Geology and Geo-Environmental
Engineering, The Pennsylvania State University
President
Richard R. Parizek and Associates
751 McKee Street
State College, Pennsylvania 16803
February 9, 2025

Ralph Stewart, Borough Manager
Borough of Bellefonte
301 North Spring Street STE 200
Bellefonte, Pennsylvania 16823

Dear Ralph,

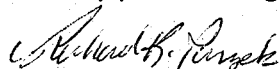
Please find enclosed the budget estimate for three tasks outlined in my proposal emailed to your office just before Thursday's meeting. There were uncertainties about available equipment and costs for some items needed for work as outlined. There may be other services, supplies and equipment that Bellefonte might provide that will reduce costs for one or more of the tasks indicated.

Please note, the section added regarding worker safety and concern for auger damage to buried utilities. Is an accurate utilities map available for the proposed prospect area? If not, would the Borough Engineer conduct the necessary search program? We could do this study along lines where auger holes are planned. However, utility companies, excavation contractors and others may have more sophisticated equipment and experience to undertake this important work.

I will conduct several trial VLF surveys at known and varied utility sites elsewhere to get a better idea of their radius of detection and influence using a Ronka EM16 meter. We could decide which parcels might be large enough to be included in the VLF survey. Alternatively, TASK C might be terminated or not begun if the prospect area is found to be too cluttered with utilities.

Please call to arrange for a follow-up discussion on my proposal and issues of concern to Bellefonte Borough and/or Barton & Loguidice.

With my personal regards,



Richard R. Parizek, Emeritus Professor of Geology and Geo-Environmental
Engineering, The Pennsylvania State University
President
Richard R. Parizek and Associates

PROPOSAL: BIG SPRING UNCOVERING STUDY

**FRACTURE TRACE, LINEAMENT, SHALLOW SOIL TEMPERATURE
AND VLF SURVEYS TO LOCATE POTENTIAL PRODUCTION AND MONITORING WELLS**

February 5, 2025

**Richard R. Parizek
Emeritus Professor of Geology and Geo-Environmental
Engineering, The Pennsylvania State University
President**

**Richard R. Parizek and Associates
751 McKee Street
State College, Pennsylvania
16803
rrp1@psu.edu
(814) 321-4790 cell phone**

**Budget Provided on
February 9, 2025**

INTRODUCTION

At the request of Bellefonte Borough, Richard R. Parizek and Associates proposes to undertake three independent but relevant tasks intended to compliment the work of Barton & Loguidice that could lead to uncovering Bellefonte's Big Spring. Sites for high yielding replacement supply wells and monitoring wells would be required to meet Bellefonte's 5 mgd and Milesburg's public and commercial bottling works 1.65 mgd allocations.

Compelling physical and chemical evidence was provided to the Committee that was used to confirm the recharge area for Big Spring. It includes the areas underlain by nearly 1,700 feet of the Sandy Gatesburg Dolomite that extends from outcrops along Logan Branch toward State College Regional Airport, the Barrens to the Scotia Range and beyond.

By contrast, near field groundwater flow paths that lead to the Big Spring pool are unknown. Areas of concentrated water emergence within the spring pool were defined using geothermal and other observations. These were shared with the committee during my invited talk. Although more concentrated in flow points were limited to only a small portion of the spring pool, as groundwater ascends along these rather narrow, deep bedrock fissures, it might spread over a larger area of the pool compared to the width of fissures as it encounters other shallow joints and fractures and overlying less permeable sediments that underlie the spring pool.

Two more regional pathways for Gatesburg groundwater to reach vertical bedrock fissures that nourish the spring were presented to the Committee. These two conceptual groundwater flow path models are briefly described below.

CONCEPTUAL MODEL I

Regional groundwater flows are northeastward parallel to stratigraphic strike (trend) of the dipping beds of the Gatesburg Sandy Dolomite, its anticlinal axis and the Birmingham thrust fault proceeding from the Gatesburg's extensive recharge area in the Barrens, Toftrees, State College Airport region. Groundwater flow continues at depths below Spring Creek before encountering deep fracture zones revealed by the Logan Branch Lineament. Although some of this water sustains Kelly and other springs and seeps along Logan Branch below the former Cerro Brass Factory, most of Gatesburg groundwater flows turn northwestward along the Birmingham Lineament structure to Big Spring. Younger dolomite and limestone strata would have to confine most of this groundwater for it to resurface within Big Spring far from the known occurrence and exposure of the Gatesburg Formation. This model requires Big Spring water to arrive from the southeast of its pool (the fountain side).

CONCEPTUAL MODEL II

The Gatesburg Dolomite recharge area is the same as that for Model I. However, most groundwater would then flow north- northwestward across the Birmingham Thrust fault, the steeply dipping Stonehenge Limestone and Bellefonte Dolomite, before passing below Spring

Creek near Fisherman's Paradise and Logan Branch before encountering permeable Logan Branch lineament structures from the southwest. Then, flow is directed upward into Big Spring along a small section of the Logan Branch Lineament. The vertical flow path to Big Spring is the same for both models.

PROPOSED INVESTIGATION

The proposed hydrogeologic site characterization investigations that follow includes three tasks to help select test-well and monitoring-well sites that are more likely to encounter highly productive fracture pathways to nourish Big Spring whether water arrives from a northwestward (Model I) or northeastward (Model II) direction. The success of potential spring-source replacement wells will depend on knowingly which are the dominant pathways to Big Spring and drilling into it (them) with at least two high capacity wells.

TASK A FRACTURE TRACE AND LINEAMENT ANALYSIS

1. Using multiple ages of stereo-paired aerial photographs, and satellite images, map fracture traces and the inferred center line of a lineament, herein referred to as the Logan Branch Lineament. Near vertical fracture zones revealed by this lineament extend from near the base of Nittany Mountain, across Nittany Valley, across Bald Eagle Mountain, Bald Eagle Valley and extend along the Allegheny escarpment to the northwest. These zones of fracture concentration account for the incision of Logan Branch at a near right angle to the trend (stratigraphic strike) of nearly 5,350 feet of fold and faulted variably erosion-resistant limestone and dolomite strata within Nittany Valley. It also extends within shale, siltstone, sandstone and limestone sequences proceeding across Bald Eagle Mountain, Bald Eagle Valley and along the Allegheny Escarpment to the northwest.

Fracture traces, by contrast, define rather narrow zones of fracture concentration, (less than 3 to around 40 feet wide), that are generally less than a mile in length. Given their shorter and often subtle nature, their diagnostic features are easily obscured by landuse and landscape changes, hence are less likely to be visible within the urbanized area near Big Spring. Given availability of 1939, 1949, 1963 and other vintage stereo-paired aerial photographs and my many years of experience mapping these structures within diverse geologic landscapes, land uses, soil and vegetative cover, this effort is recommended as an important step when selecting well sites. By request, more information will be provided on the fracture trace prospecting method, first ever documented by L.H Lattman and R.R. Parizek and published in 1964.

2. Search for LIDAR and other satellite platforms for alternate, independent evidence in support of Big Spring's location with respect to the Logan Branch Lineament and support of Barton & Loguidice's selection of potential water-supply replacement and monitoring well sites.

3. Overlay potential fracture traces and the Logan Branch Lineament on a suitable scale project base map within the vicinity of Big Spring.

4. Stake potential test well sites should one or more fracture traces be identified within the vicinity of Big Spring and/or fracture zones related to the Logan Branch Lineament.
5. Prepare an analysis report with recommendations.
6. Share timely results of the TASK A investigations with Bellefonte and Barton & Loguidice.
7. Adjust and/or add additional TASK B soil temperature traverses to include fracture zones discovered during TASK A efforts.

Various ages of stereo-paired aerial photographs will be used in search of fracture-trace remnants that might still be visible. Several remote sensing platforms will be used in hopes of refining elements of the Logan Branch Lineament in the immediate vicinity of Big Spring and their relationship to fracture-trace structures that might be identified.

TASK B. SHALLOW SOIL TEMPERATURE GEOPHYSICAL SURVEY

Thermal groundwater and surface water-anomalies together with other observations were used to identify more concentrated groundwater entry areas within the pool of Big Spring. Other successful applications of geothermal surveys for groundwater exploration were presented to the Committee members during my presentation. Work required for TASK B follows.

1. Lay out soil temperature survey lines that include one or two lines southeast of the spring (near the fountain), a line along the southwestern side of the spring and along two northeast-southwestern lines. Flag and number each drill site.
2. Consult with the Borough Engineer to identify location and types of buried utilities known to be located within the prospect area. Confirm that Bellefonte does not require permits for such shallow holes as does Penn State University.
3. Tag, number and drill 3-foot deep temperature access holes along each line. White PVC comes in 10-foot lengths, hence, three hole liners can be cut from each pipe. This will allow the top of pipes to have a 0.3 ft. stick-up and space for caps. Twenty-foot lengths also are available. Black PVC will absorb solar energy more so than white PVC, hence must be avoided for this project.
4. Hammer drill holes to 3 ft. at 3 ft. spacing along each survey line. A shallower depth may be justified if boreholes will not stay open or if some penetrate the water table and others do not along survey lines. This could skew interpretations.
5. Every third hole or so will be hand-augured to allow characterization of soils along each survey line. Spacing between auger holes will be increased where soil is likely to have similar characteristics.

6. Collect and describe all auger soil samples, prepare graphic logs for each hole and display results on cross-sectional profiles and maps where temperature data also are provided.
7. Set PVC liners, open on the bottom and capped on top. Number all holes.
8. Backfill the annular space around each PVC liner using auger returns and/or fine textured play sand to prevent channeling of surface water and air to measurement depth.
9. Multiple bucket auger holes placed along each survey line will be used to determine the depth to water table and stability of soils. Ideally, all temperature- measurement holes should be completed either above or below the water table, not mixed. All measurement points must be open to a common depth. Further, sediment may collapse while drilling below the water-table making it difficult to meet depth specifications. A revised target depth will be selected should these conditions be encountered during early stages of the project.
10. Allow eight to ten days for drilling and installation temperature disturbances to dissipate, i.e., heat of friction induced by drilling, pipe and backfill temperatures when each are set, etc.
11. Obtain the first round of bottom-hole soil temperature measurements, process these data and display them on cross-sectional profiles and maps. From 5 to 10 minutes have been required for bottom-hole soil temperatures to stabilize at some monitoring stations during previous surveys. Thermistors and probes can either heat up or cool down when moving between stations. More time is required for equipment to come to equilibrium during daily weather, temperature extremes.
12. Repeat the temperature survey within 8 to 10 days to validate initial results.
13. Review findings with Bellefonte Authority and Barton & Loguidice technical staff. Consider whether or not establishing additional temperature profiles might be justified or if TASK B should be terminated.
14. Prepare a final project report.

If thermal anomalies are noted, additional lines should be added to more adequately define their size, trend, shape, and locations with the largest temperature anomalies. Given late winter and early spring's cold soil temperature profiles and near constant warm temperature of Big Spring groundwater, warmer soils will indicate more concentrated areas of shallow-groundwater flow. These could be used to guide placement of test and monitoring wells and/or narrow down regions where other geophysical techniques might be applied.

When the temperature survey is complete, with or without positive results, decisions will be made to pull all PVC pipes or if they might be driven deeper into the soil to remove tripping hazards, injury to park visitors, etc. Alternatively, this action could be delayed to allow follow up

temperature surveys to advance this science at no cost to Bellefonte. Time is required for the annual solar (seine) wave to penetrate then dissipate with depth and time of year. Depending upon their strengths, underlying thermal anomalies can be obscured at least two times during the year. Variation in thermal soil properties, water content, etc., influence the rate and depth to which the solar seine wave penetrates soils. Times of the year when shallow geothermal prospecting should be undertaken must avoid these null points.

TASK C VLF SURVEY

The shallow-soil temperature survey method will not reveal deep pathways of concentrate groundwater flow many of which are likely to exist at depths of hundreds of feet. By contrast, very low frequency (VLF) waves operated by the U.S. Navy for world-wide submarine-communications are not depth limited. More conductive hydrogeologic features that are long and linear such as more transmissive solution voids, fault zones, mineralized vein-ore deposits, etc., are but examples. VLF survey areas, however, must be free of man-made conductive interferences such as power lines, buried pipes, tightly drawn straight wire fences, etc. Zones of fracture concentration are water bearing, linear and often more deeply weathered structures. Should thrust faults underlie Big Spring that have displaced Axemann Limestone and Bellefonte Dolomite over shaley limestones or sandstones as documented in the Mobile oil and gas well drilled about 8 miles northeast of Bellefonte, or exposed in the Birmingham thrust-fault window near Greir-School along the Juniata River, their electrical properties will differ compared to limestone and dolomite exposed immediately northeast of the spring and around Bellefonte.

1. A Ronka EM 16 electromagnetic system will be used to measure inclination (in-phase) and quadrature (out-of-phase) values obtained by the EM 16 when crossing suspected elongate target zones of fracture concentration at near right angles e.g. the Logan Branch Lineament or still to be discovered nearby fracture-trace scale structures.
2. Portions of soil-temperature survey lines free of pipes, overhead power lines, rails, metal security fences and streams will be used for the VFL survey.
3. VLF radio signals are scrambled for security reasons. Signals transmitted from stations in Maine and the state of Washington will be used to search for linear electrically conductive water-bearing pathways to Big Spring.
4. Additional lines will be surveyed throughout the extensive lawn area available between the park entrance south of Big Spring, extending to railroad tracks near the former Match Factory, channel and spillway of Big Spring.
5. Additional lines could be added if anomalies are detected or suspected during the survey.
6. Bellefonte Borough Committee Members and Barton & Loguidice technical staff will be briefed during and/or after the VLF survey is complete.

7. A final report will be prepared that includes maps, cross-sectional profiles along survey lines together with interpretations. The Ordinate scale of each traverse will show the in-phase quadrature value expressed as percentages for both positive and negative polarities read from the Ronka EM 16 instrument. The abscissa marked in feet is measured from the starting point (the zero point) of each traverse. The direction of instrument heading will be the same for all plots where survey lines are parallel one to the other.

SCHEDULE

Initial arrangements to undertake one or all tasks outlined above will begin within 8 working days following notice to proceed. Time will be required to acquiring satellite images and older stereo-paired aerial photographs. These can be time consuming to retrieve from USDA archives in Salt Lake City, UT. Satellite images and LIDAR coverage must be acquired.

TASKS B and C can begin on short notice while TASK A photographs and images are being ordered. To reduce costs, auger drilling should be delayed until the area is free of ground frost. Survey lines will be laid out, base maps, field supplies and equipment acquired during this period. Allow 1 or 2 days.

Bellefonte has offered staff support to assist with drilling and auguring temperature access holes and offered to purchase PVC pipes, pipe caps, flagging pins, sand needed to backfill drill holes and related supplies. Given the large number of drill holes and amount of PVC pipe required to maintain open holes, white 3 ft. long, 0.840 inch OD or 0.622- inch ID pipe will be used to line soil-temperature monitoring holes. Three 3.3 ft. sections can be cut from a standard 10 ft. length of PVC pipe. 20-foot lengths also are available locally. Cost reductions also are available when purchasing PVC pipe in bulk. All these preparations can be made while waiting for ground frost to thaw or snow pack to melt from storms expected during February and March.

A Hammer drill can penetrate frozen soil. However, more reliable and representative soil samples can be obtained using a bucket augur that is labor intensive, whereas Hammer drill samples tend to be mixed given the speed and manner of drilling.

VLF surveys will share some geothermal survey lines, other lines will guide only VLF surveys.

Given the differences, uncertainties and demands involved to undertake and complete each task, allow three months to complete all field tasks and a month to finalize all three or a single combined final report.

IDENTIFICATION AND LOCATION OF UTILITIES

Of urgent concern is the safety of work personnel and potential damage to buried utilities that could be encountered by 3-ft. deep auger and impact drill holes. These are required to meet

TASK B geothermal survey objectives. Their depth might be reduced to 2.5-ft., even 2-ft., should the water table be as shallow as 3 ft. or less at some locations within the prospect area. Two foot holes might still be too deep to protect all utility lines. Fencing, sewer, water and French-drain lines and buried and aerial electrical lines are present in the immediate vicinity of Big Spring.

Other than the spring's French drain, similar utility lines are present within the larger prospect area to the southwest, west and northwest of Big Spring. Man hole and other protective covers are present at various locations within these areas suggesting the existence of a rather complex distribution of lines. Electric service lighting lines exist near the figure 8-like paved walkway and entrance gate, and Bellefonte's logging history display. Barton & Loguidice survey line and suggested well location map shows the partial southwestern extent of the buried-enlarged chlorine contact pipe but no extensions that convey treated water to community service connections including the Geno P. Fornicola Memorial Fountain nor the older fountain southeast of Big Spring.

Please advise if existing utility maps are present for this general prospect area or if Bellefonte will undertake this important task.

The TASK C VLF survey will be influenced by buried, surface and suspended conductors, railroad tracks, perimeter fence, etc. Estimate cost for Richard R. Parizek and Associates to conduct these utility surveys is provided.

BUDGET PROPOSAL

TASK A FRACTURE TRACE AND LINEAMENT MAPPING TASK A AERIAL PHOTOGRAPHY/SATELLITE IMAGES.

A. PURCHASES.

Cost and Delivery Time

1. Three Ages of Stereo-paired 1: 20,000 scale black and white aerial photographic contact prints, USDA Salt Lake City. Require 6 to 8 overlapping prints on two adjacent flight lines. PASDA free access photographs not available in stereo-pairs.	To Be Determined.
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2. Travel and office only use to map fracture traces on multiple ages of stereo-paired aerial photographs in PA Geological Survey Collection, Middleton, PA.

Travel 3.5 hours	\$420.00
Travel 200 miles @ \$0.70/mile	\$140.00
Meals 2 days @ \$55.00/day PA 2025MRE Allowance	\$110.00
Lodging Harrisburg region	\$124.00

Purchase of Satellite images not available from PASDA	Cost and Delivery Time To Be Determined.
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Estimated Subtotal	\$794.00
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B. OFFICE AND FIELD WORK**Cost and Delivery Time**

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| 1. Mapping of fracture traces on 3 or more ages of stereo-paired aerial photographs. Same as A(2) above. | \$3,000.00 |
| 2. Mapping in detail, Logan Branch Lineament. | \$500.00 |
| 3. Field identification, evidence for location(s) of zones of fracture concentration defined by details related to Logan Branch Lineament and fracture trace within and near Big Spring prospect area. | |
| a. RRP Not to exceed 9 hours including travel
9 hours @ \$120.00/hour | \$1,080.00 |
| b. KAP Not to exceed 9 hours including travel
9 hours @ \$85.00/hour | \$765.00 |
| c. Travel 40 miles @ \$0.70/mile | \$28.00 |
| 4. Preparation of Analysis Report, Findings with Recommendations. | |
| a. Report preparation, editorial work, RRP 8 hours @ \$120.00/hr. | \$960.00 |
| b. Graphics, editorial work, etc., KAP 9 hours @ \$85.00/hr. | \$765.00 |
| c. Word processing, Communications, Office Management, EBP 8 hours @ \$ 55.00/hour. | \$440.00 |
| 5. Progress report, technical exchanges with Bellefonte Borough, Barton & Loguidice, DEP, SRBC et. al., RRP 2 hours @ \$120.00/hour. | \$240.00 |

Subtotal \$7,778.00

Total \$8,572.00

TASK B SHALLOW SOIL GEOTHERMAL SURVEY**A. PURCHASE/RENTAL**

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|--|-----------|
| 1. Rental of Hammer Drill, Power Auger and Bucket Hand Auger. No charge for use of Bellefonte's hammer drill. \$222.00/weekly Bestline rental rate.
* No time limit for alternate Hammer Drill. | \$200.00* |
| 2. Purchase of 39-inch hammer drill bit (Amazon) needed to complete 3 ft. boreholes or 36-inch Rebar style bit @ \$125.00. | \$39.00 |
| 3. Generator including fuel. One week. | \$200.00 |
| 4. 45 10-ft. lengths of white PVC, 1/2-inch O.D. pipe (Total length 415 ft.+) at \$4.71/10 ft. length (Home Depot) excluding tax and reduced bulk purchase rate from alternate sources. | \$212.00 |

Cost and Delivery Time

5. 45 1/2-inch PVC caps at \$1.31/cap excluding tax.	\$58.95
6. Color coded flagging pins to mark auger holes, suspected buried utilities etc. 100 pins @ \$16.99 x 2.	\$33.98
7. Duck tape, flagging ribbon, permanent marking pens, etc.	\$30.00
8. Sandwich bags for auger cuttings, 300 ziploc at Walmart not including tax.	\$11.34
9. Powdered or granular Halliburton or other brand, bentonite hole plug, \$96.99/ 50lb. bag x 2.	\$193.98
10. Fine-grained backfill sand to be mixed with Bentonite.	\$25.00
11. Travel to acquire some or all of the above, 35 miles @ \$0.70/mile.	\$24.50
12. Acquisition supplies and equipment 3 hours @ \$120.00/hour.	\$360.00
Subtotal	\$1,388.75

TASK B FIELD AND OFFICE WORK

1. Acquire supplies and equipment. RRP's efforts depend upon Bellefonte's commitment to acquire some or all of the above.	To Be Determined
2. Lay out temperature survey lines and flag monitoring stations. a. Travel 22 miles @ \$0.70/ mile.	\$15.40
b. 5 hours including travel. RRP @ \$120.00/hour.	\$600.00
KAP @ \$85.00/hour.	\$425.00
3. Search for and map underground utilities. 6.5 hours Conduit pipe, wire survey, JM @ \$55.00/hour.	\$357.50
4. Review survey line and temperature monitoring station layout with Bellefonte Borough and Barton & Loguidice including site visit. 4 hours assuming need for dedicated trip. 4 hours RRP@ \$120.00/hour. Travel 22 miles.	\$480.00
5. Hand auger representative sites to 3-ft. depths, collect, label and retain samples in sandwich bags.	

Cost and Delivery Time

6. Confirm 3-ft. deep monitoring holes did or did not penetrate the water table. Set 3.3-ft. PVC pipes, but delay backfilling annular auger hole spaces until the 3-ft. target depth is confirmed. RRP, KAP, JM and Bellefonte Borough staff.

7. Concurrently, hammer drill holes along all survey lines, set pipes, and backfill annular spaces for all monitoring stations. Bellefonte Borough staff.

Efforts noted in 4. 5. and 6 include:

Travel to work site 2 round trips (44 miles and 1 1/2 hours)

18 hours RRP @ \$120.00/hour.	\$2,160.00
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18 hours KAP @ \$85.00/hour.	\$1,530.00
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18 hours JM @ \$55.00/hour.	\$990.00
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Travel 44 miles @ \$0.70/mile.	\$30.80
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8. Log auger samples for texture, stone contents, Munsell color, etc.

4 to 6 hours RRP @ \$120.00/hour.	\$480.00 to \$720.00*
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4 to 6 hours KAP @ \$85.00/hour.	\$340.00 to \$510.00*
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9. Prepare graphic logs and cross-sections for each geothermal survey line together with a temperature and utilities map and data table.

2 hours RRP @ \$120.00/hour.	\$240.00
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6 hours KAP @ \$85.00/hour.	\$510.00
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6 hours JH @ \$60.00/hour.	\$360.00
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10. Prepare Report, interpretation of data, conclusions and recommendations.

5 hours RRP @ \$120.00/hour.	\$680.00
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7 hours KAP @ \$80.00/hour.	\$560.00
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6 hours, computer graphics, JH @ \$60.00/hour.	\$360.00
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6.5 hours Word processing and office management, EBP @ \$55.00/hour.	\$357.50
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11. Discussion and review of findings and recommendations with Bellefonte Borough and Barton& Loguidice. Confirm or modify proposed monitoring and water supply test well sites.

Option A To repeat and confirm geothermal measurements and interpretations resulting from first survey within 8 to 10 days.

Cost based on hours and expenses required to complete and analyze first round of measurements.

Cost based on time required for the first temperature survey

	Cost and Delivery Time
Option B Add additional lines to further define the extent and magnitude of thermal anomalies.	Cost To Be Determined

Option C Terminate the geothermal prospecting investigation.

Travel 22 miles @ \$0.70/ mile.	\$15.40
Subtotal A Supplies and Equipment	\$1,388.75
Subtotal B Office and Field Work and Travel \$7,231.20 to \$7,397.20*	
Total	\$10,002.45 to \$10,242.45*

TASK C VLF SURVEY

A. PURCHASE/RENTAL

1. Ronka EM16 Electromagnetic Survey Meter.	\$100.00
2. Flagging pins acquired for TASK B.	_____

B. FIELD AND OFFICE

1. Layout and flag Ronka EM16 survey lines parallel to and at right angles to Logan Branch Lineament and stratigraphic strike and steeply dipping carbonate rock within expanded area southwest, west and northwest of Big Spring.	
5.0 hours RRP @ \$120.00/hour.	\$600.00
5.0 hours JM @ \$55.00/hour.	\$275.00
Travel 22 miles @ \$0.70/mile RRP.	\$15.40
2. Expand buried utility search for conductors to the west and northwest of Big Spring using lines laid out in (1). Flag suspected utilities.	
7 hours JM @ \$55.00/hour, field work.	\$385.00*
Travel 22miles @ \$0.70/ mile, JM.	\$15.40*
JM or Bellefonte Borough*	
3. If Bellefonte Borough has a map that shows utilities in this area, add the planned VFL traverse lines to this map in advance of Ronka field survey.	
2.5 hours JM @ \$55.00/hour.	\$137.50
2.5 hours KAP @ \$80.00/hour.	\$212.50
4. Conduct VLF survey, flag electrically conductive anomalies.	
8 hours RRP including travel @ \$120.00/hour.	\$960.00
8 hours KAP @ \$85.00/hour. Record Ronka EM16 in phase and out of phase reading for each station. Keep track of survey line, station number and heading.	\$680.00

Cost and Delivery Time

5. Prepare cross-sections showing stations and in phase and out of phase readings taken at each station including known or suspected conductive utilities.	
6 hours KAP @ \$85.00/hour.	\$510.00
6 hours JH @ \$60.00/hour.	\$360.00
6. Prepare Analysis Report Findings, Conclusions, edits.	
7.5 hours RRP @ \$120.00/hour.	\$900.00
6 hours Word processing and office management, EBP @ \$55.00/hour.	\$330.00
7. Review VLF Investigation Results Together With Findings From TASKS A and B with Bellefonte Borough and Barton Loguidice. Confirm locations recommended for potential Supply and Monitoring Wells or offer Alternate Sites.	
2 hours RRP @ \$120.00/hour.	\$240.00
Travel 22 miles @ \$0.70/mile RRP.	\$15.40
Subtotal Expenses	\$146.20
Subtotal Professional Services	\$5,589.50
Estimate Total	\$5,735.70

DAILY WATER WITHDRAWAL/INSTREAM FLOW REQUIREMENT REPORT			
BELLEFONTE BOROUGH		CENTRE	23A
NAME-PUBLIC WATER SUPPLY AGENCY		COUNTY	WA Permit No.
(814) 355-1501			313588
TELEPHONE NO.			SF Permit ID
Report for MONTH:		March	Matt Auman
Year:		2025	REPORT PREPARER NAME
Source ID	7939		Total
Name Day	Borough System Big Spring	Corning System Big Spring	
1	2,684,160	1,003,264	3,687,424
2	2,691,584	1,000,576	3,692,160
3	2,700,800	984,960	3,685,760
4	2,704,128	969,344	3,673,472
5	2,669,056	942,080	3,611,136
6	2,669,058	907,904	3,576,962
7	2,675,456	916,096	3,591,552
8	2,739,968	917,888	3,657,856
9	2,687,232	909,952	3,597,184
10	2,687,262	909,982	3,597,244
11	2,643,712	937,600	3,581,312
12	2,560,512	891,264	3,451,776
13	2,551,296	949,376	3,500,672
14	2,511,366	905,600	3,416,966
15	2,552,832	921,088	3,473,920
16	2,513,644	829,696	3,343,340
17	2,449,964	980,996	3,430,960
18	2,501,632	894,720	3,396,352
19	2,483,456	949,248	3,432,704
20	2,469,888	904,832	3,374,720
21	2,447,360	936,576	3,383,936
22	2,456,320	905,344	3,361,664
23	2,492,672	916,736	3,409,408
24	2,494,976	891,648	3,386,624
25	2,511,872	913,280	3,425,152
26	2,516,992	929,152	3,446,144
27	2,544,384	916,224	3,460,608
28	2,577,664	921,600	3,499,264
29	2,662,912	927,616	3,590,528
30	2,624,256	917,760	3,542,016
31	2,605,312	897,664	3,502,976
TOTAL	80,081,726		108,781,792
AVERAGE	2,583,281	925,809	3,509,090
MAXIMUM	2,739,968	1,003,264	3,692,160
MINIMUM	2,447,360	829,696	3,343,340