

DANVILLE MUNICIPAL AUTHORITY – JOINT WATER AND SEWER MEETING
AGENDA
AUGUST 15, 2022

PLEASE TURN ALL CELL PHONES OFF – THANK YOU!

Public Comment

Approve minutes from July 18, 2022 meeting.

WATER:

1. Review Water Superintendent's report – page 1 of packet
2. Review financial report; Reimburse Borough \$378,172.69 for pages 2 – 7 of the packet
3. Review report from the Danville Borough manager – water portion – page 8-11 of packet.

SEWER:

1. Review financial report: Reimburse Borough \$308,196.29 for July 1, 2022 – pages 12-17 of packet.
2. Review sewer superintendent's report page 18 of the packet.
3. Review report from the Danville Borough Manager – page 8 - 11

Engineer's Report – Tia Trate – Pages 19-25

Other Business

1. Meeting with VTMA (need meeting dates), financial review
2. Danville Borough Multi-modal Grant application for sidewalk, curbs and paving on Ferry, Pine and Church Streets

Correspondence

1. DEP's acknowledgement of 2021 Annual Wasteland Management Report, attached.

Adjournment

WATER DEPARTMENT REPORT JULY 2022

PLANT FLOW

• Total:		44,548,132 gal.
• Average:		1,437,037 gal.
• Maximum:	July 6 th	2,138,633 gal.
• Minimum:	July 1 st	1,054,654 gal.

WATER LEAKS:

- 7.15.22 603 Bloom St.: Repaired a broken ¾" service line

OTHER

- July water quality and flows were average even with low river levels. There are several issues that come with those low levels such as, high water temps, high ph levels and algae blooms. These things can make treatment a bit tricky at times but, the plant along with equipment and crew are doing well to meet the demand.
- **Meter pits** continue to be installed as expeditiously as possible. While installing pits, the topic of future construction sites has been approached. Having meter pits at all properties would greatly reduce unaccounted for water. In addition, the ease of access to the meters in a pit eliminates the need for scheduling to enter buildings. Not having to go into residences helps keep our employees safer and protects against liability for the homeowner's private property. Although, having so many connections, pits on all lines were not and are not a financially feasible option. Also, pits would be almost impossible to fit in a lot of locations. It is for these reasons that during new construction meter pits should be required. New construction is not frequent enough around the borough to cause a financial strain to the authority or the homeowner. It is respectfully recommended that the authority decide who is responsible for the payment of this equipment and adopt language in the rules and regulations to enact this policy.

Danville Municipal Authority
 Water System Monthly Financial Report
 July 31, 2022

Revenue/ Expense	Current Year		Budget Current Year		Budget Surplus/ (Deficit) YTD
	Current Month	Y-T-D Total	Current Month	Total Budget	
	OPERATING REVENUE				
Unmetered Sales	66,644.51	622,908.18	615,265.00	1,054,740.00	7,643.18
Metered Sales	30,146.46	196,516.07	241,844.75	414,591.00	(45,328.68)
Geisinger Med Center	43,880.00	192,000.00	157,500.00	270,000.00	34,500.00
Danville State Hospital	13,082.98	50,021.93	54,465.73	94,723.00	(4,443.80)
Suez	20,700.07	55,654.84	81,666.67	140,000.00	(26,011.83)
Valley Twp	11,106.22	60,162.86	64,088.50	109,866.00	(3,925.64)
Interest Earnings	38.90	232.61	175.00	300.00	57.61
Administrative Fees	0.00	718.94	583.33	1,000.00	135.61
Sale of Bulk Water & Services	522.79	304,770.10	175,000.00	300,000.00	129,770.10
Pension	0.00	0.00	0.00	83,132.00	0.00
Miscellaneous	0.00	5,435.20	583.33	1,000.00	4,851.87
Total Operating Rev.	186,121.93	1,488,420.73	1,391,172.31	2,469,352.00	97,248.42

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Revenue/ Expense	Current Year		Budget Current Year		Budget Surplus/ (Deficit) YTD
	Current Month	Y-T-D Total	Current Month	Total Budget	
	OPERATING EXPENSE				
Supply & Treatment					
Salaries & Wages	24,275.26	184,676.27	197,221.54	320,485.00	12,545.27
Materials & Supplies	433.07	21,385.27	12,833.33	22,000.00	(8,551.94)
Chemicals	17,308.94	76,416.99	87,500.00	150,000.00	11,083.01
Lab Testing	625.00	3,257.00	7,583.33	13,000.00	4,326.33
Fuel	3,311.76	13,338.89	9,333.33	16,000.00	(4,005.56)
Maintenance	7,990.00	69,174.71	87,500.00	150,000.00	18,325.29
Power	6,099.36	41,325.63	46,666.67	80,000.00	5,341.04
Miscellaneous	0.00	1,444.35	2,916.67	5,000.00	1,472.32
Total Supp & Treatment	60,043.39	411,019.11	451,554.87	756,485.00	40,535.76
Distribution					
Salaries & Wages	22,604.46	147,915.73	199,566.15	324,295.00	51,650.42
Materials & Supplies	18,307.54	104,498.90	139,358.33	238,900.00	34,859.43
Vehicle Expense	792.08	9,517.35	9,333.33	16,000.00	(184.02)
Maintenance	0.00	0.00	0.00	0.00	0.00
Equipment Rentals	0.00	0.00	0.00	0.00	0.00
Miscellaneous	0.00	0.00	875.00	1,500.00	875.00
Fulton Loan Payment	0.00	109,564.80	141,020.83	241,750.00	31,456.03
Total Distribution	41,704.08	371,496.78	490,153.65	822,445.00	118,656.87
Administration					
Salaries & Wages	6,356.14	49,082.21	51,988.31	84,481.00	2,906.10
Pension	0.00	0.00	0.00	181,837.00	0.00
FICA	4,053.14	30,415.90	33,772.08	57,895.00	3,356.18
Materials & Supplies	175.40	4,248.42	4,666.67	8,000.00	418.25
Professional services	9,457.22	41,801.22	38,791.67	66,500.00	(3,009.55)
Communications Expense	870.79	7,133.87	5,833.33	10,000.00	(1,300.54)
Insurance & Benefits	66,243.36	302,633.24	297,883.00	440,764.00	(4,750.24)
Miscellaneous	546.45	4,117.35	4,666.67	8,000.00	549.32
Total Administration	87,702.50	439,432.21	437,601.73	857,477.00	(1,830.48)
Non-Recurring Charges					
Capital Replacement	0.00	0.00	58,333.33	100,000.00	58,333.33
Lagoon Cleaning	0.00	9,600.00	9,000.00	9,000.00	(600.00)
Street Patching	0.00	17,774.82	43,750.00	75,000.00	25,975.18
Interconnection	0.00	0.00	58,333.33	100,000.00	58,333.33
Equipment	0.00	73,827.00	133,727.00	133,727.00	59,900.00
Upgrades	94,917.50	117,202.96	130,278.00	130,278.00	13,075.04
New Capital	105,529.00	415,262.56	323,931.42	555,311.00	(91,331.14)
Total Non-Recurring Chg	200,446.50	633,667.34	757,353.08	1,103,316.00	123,685.74
Total Operating Exp.	389,896.47	1,855,615.44	2,136,663.34	3,539,723.00	281,047.90
Net Operating Inc.	(203,774.54)	(367,194.71)		(1,070,371.00)	

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Water Fund Disbursements Detail - July 2022

<u>Name</u>	<u>account descr.</u>	<u>amt.</u>
<u>SUPPLY & TREATMENT</u>		
Materials & Supplies		\$ 433.07
Chemicals		\$ 299.20
Univar		\$ 15,198.00
Univar		\$ 1,811.74
Lab Testing		\$ 625.00
Fuel		\$ 3,311.76
Maintenance		
Process Control Solutions		\$ 4,995.00
Process Control Solutions		\$ 2,995.00
Power		\$ 6,099.36
Salaries		\$ 24,275.26
<u>Total</u>		<u>\$ 60,043.39</u>
<u>DISTRIBUTION</u>		
Materials & Supplies		\$ 6,082.14
L/B Water		\$ 8,000.00
L/B Water		\$ 1,232.40
L/B Water		\$ 1,349.60
L/B Water		\$ 1,643.40
Vehicle Expense		\$ 792.08
Salaries		\$ 22,604.46
<u>Total</u>		<u>\$ 41,704.08</u>
<u>ADMINISTRATION</u>		
FICA		\$ 4,053.14
Materials & Supplies		\$ 175.40
Professional Services		\$ 1,698.33
Gannett Fleming		\$ 3,463.03
Gannett Fleming		\$ 1,489.61
Marks, McLaughlin & Dennehy		\$ 1,325.00
Diversified Technology		\$ 1,481.25
Communications		\$ 870.79
Insurance & Benefits		\$ 694.80
Amtrust North America		\$ 38,673.00
PMHIC		\$ 26,875.56
Miscellaneous		\$ 546.45
Salaries		\$ 6,356.14
<u>Total</u>		<u>\$ 87,702.50</u>
<u>NON-RECURRING CHARGES</u>		
Upgrades		
Process Control Solutions		\$ 59,317.50
Process Control Solutions		\$ 35,600.00

<u>Name</u>	<u>account descr.</u>	<u>amt.</u>
New Capital		
Martins Electrical Service LLC		\$ 105,529.00
<u>Total</u>		<u>\$ 200,446.50</u>
Filter & Pump Expenses (Loan)		\$ (11,723.78)
TOTAL DISBURSEMENTS		<u>\$ 378,172.69</u>

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Danville Municipal Authority
Water Facility Operating Report
Notes –July 2022

Revenues

#1 Operating Revenue - Metered Sales – Payments received in August should bring this account in line with the budget.

#2 Operating Revenue – Suez – Usage down.

Expenses

#3 Supply & Treatment – Materials & Supplies – Spending on this line item will slow down for the remainder of the year.

#4 Non-recurring Charges – New Capital – Filter & pump projects, will be paid by loan.

12 Month Recap

	<u>Revenue</u>	<u>Expense</u>	<u>Net Income/Loss</u>
Aug-21	\$197,403.12	\$497,732.33	-\$300,329.21
Sep-21	\$252,852.91	\$122,927.28	\$129,925.63
Oct-21	\$116,536.81	\$487,571.78	-\$371,034.97
Nov-21	\$169,075.85	\$132,116.63	\$36,959.22
Dec-21	\$175,210.53	\$197,181.06	-\$21,970.53
Jan-22	\$386,874.74	\$362,515.13	\$24,359.61
Feb-22	\$153,040.83	\$191,243.17	-\$38,202.34
Mar-22	\$191,707.32	\$237,489.91	-\$45,782.59
Apr-22	\$142,300.43	\$240,598.56	-\$98,298.13
May-22	\$244,680.81	\$228,953.33	\$15,727.48
Jun-22	\$183,694.67	\$204,918.87	-\$21,224.20
Jul-22	\$186,121.93	\$389,896.47	-\$203,774.54
Total	\$2,399,499.95	\$3,293,144.52	-\$893,644.57
Average	\$199,958.33	\$274,428.71	-\$74,470.38

Report from the Danville Borough Manager
Municipal Authority Meeting
Monday, August 15th, 2022

Water

- new construction – meters (see Brad's report)

Sewer

- Update on Riverside's testing – August is the last scheduled testing month, spreadsheet attached.
- Automatic fence gate - entrance, it has been determined that both fence quotes that were received are for commercial grade fence, 9 gauge. The quotes received were Buffalo Valley - \$13,500, Suburban Fence - \$17,000. The third vendor did not respond. Updated spec attached.

Other

- Meeting with VTMA (need meeting dates), financial review
- Danville Borough Multi-modal Grant application for sidewalk, curbs and paving on Ferry, Pine and Church Streets

Correspondence

- DEP's acknowledgement of the 2021 Annual Wasteload Management Report, attached

Riverside Borough
Composite sampling

Agreement maximum	Janice Drive		MH D3-3		Pump Station		MH 71		MH 100		MH 75D	
	TN	TP	TN	TP	TN	TP	TN	TP	TN	TP	TN	TP
	40	7			40	7	40	7	40	7	40	7
2022												
January					34.88	4.11						
February					25.98	2.93						
March					24.65	3.35						
April	39	7.2			28.05	3.29	30.9	3.8	49.8	8.1	16.8	1.6
May	44.4	4			27.47	3.47	28.2	3.2	69.7	5.9	12.3	0.37
June	contaminated samples				39.62	8.09	contaminated samples		contaminated samples		contaminated samples	
July	62.8	13	67.8	6.6	37.62	5.96	48.1	6.3	33.6	3.3	not sampled	
August												
September												
October												
November												
December												
totals	146.2	24.2			218.27	31.2	107.2	13.3	153.1	17.3	29.1	1.97

Danville Wastewater Treatment Plant is seeking quotes for installation of an electronic gate.

Specifications listed below.

6' high by 25' wide cantilever gate

All posts

Rollers

Post latch

Gate clamp for cantilever gate

Electronic opener

Pedestals

Keypads

10 remote openers

Labor for installation

Sewer Department will secure fence permit

Commercial Grade
9-gauge

Buffalo Valley \$13,500
Suburban Fence \$17,000
Neighbor Fence no response



July 28, 2022

Pete Rickert
Danville Borough Municipal Authority Montour County
PO Box 179 12 West Market Street
Danville, PA 17821-0179

Re: Annual Wasteload Management (Chapter 94) Report
Danville Borough STP
NPDES Permit No. PA0023531
Danville Borough, Montour County

Dear Mr. Pete Rickert:

The Department of Environmental Protection (DEP) has completed its review of your 2021 Annual Wasteload Management Report as required by 25 Pa. Code § 94.12.

The report is considered acceptable. DEP appreciates your cooperation in meeting the Chapter 94 reporting requirements.

If you have any questions concerning this notice, please contact me at 570 327 3688 or wclees@pa.gov.

Sincerely,

William Clees

William Clees
Sewage Planning Specialist Trainee
Clean Water Program

cc: Riverside Borough
Valley Township Authority
Cooper Township Authority
Gannett Fleming
Daniel Thetford
Thomas Randis
File

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Danville Municipal Authority
Sewer System Monthly Financial Report
July 31, 2022

Revenue/ Expense	Recorded Operations		Budget Estimates		Budget Surplus/ (Deficit) YTD
	Current Year		Current Year		
	Current Month	Y-T-D Total	Current Month	Y-T-D Total	
OPERATING REVENUE					
Metered Sales	23,553.66	161,707.51	166,683.33	292,000.00	(4,975.82)
Unmetered Sales	63,745.53	601,292.52	592,083.33	1,015,000.00	9,209.19
Suez	74,378.26	530,363.61	560,000.00	960,000.00	(29,636.39) 1
Geisinger Medical Center	0.00	294,066.96	294,050.00	588,100.00	16.96
Danville State Hospital	0.00	130,650.93	135,000.00	270,000.00	(4,349.07)
Riverside	0.00	88,524.01	104,000.00	208,000.00	(15,475.99) 2
Cooper	5,745.34	40,501.29	38,500.00	66,000.00	2,001.29
Miscellaneous	0.00	0.00	0.00	0.00	0.00
Pension	0.00	0.00	0.00	54,842.00	0.00
Valley Township	36,166.02	125,474.05	106,750.00	183,000.00	18,724.05
Administrative Fees	0.00	2,934.68	583.33	1,000.00	2,351.35
Sale of Services	0.00	5,600.76	2,916.67	5,000.00	2,684.09
Riverside O & M	1,775.00	12,425.00	12,425.00	21,300.00	0.00
Valley Sampling	0.00	760.00	1,330.00	2,280.00	(570.00)
Solid Waste	1,986.00	12,410.00	6,300.00	10,800.00	6,110.00
Interest Earnings	520.99	2,924.80	641.67	1,100.00	2,283.13
Sale of Assets	0.00	0.00	0.00	0.00	0.00
Total Operating Rev.	207,870.80	2,009,636.12	2,021,263.33	3,678,422.00	(11,627.21)

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Danville Municipal Authority
Sewer System Monthly Financial Report
July 31, 2022

Revenue/ Expense	Recorded Operations		Budget Estimates		Budget Surplus/ (Deficit) YTD
	Current Year		Current Year		
	Current Month	Y-T-D Total	Current Month	Y-T-D Total	
OPERATING EXPENSE					
Sewer System Collection					
Salaries - Collection System	643.34	5,476.56	26,077.54	42,376.00	20,600.98
Supplies	0.00	0.00	233.33	400.00	233.33
Vehicle Parts	0.00	0.00	291.67	500.00	291.67
Capital Improvements - General	48.04	8,538.57	102,037.83	174,922.00	93,499.26
Meter Project	1,155.00	16,924.81	95,856.25	164,325.00	78,931.44
Electricity - Collections	299.95	2,109.61	2,450.00	4,200.00	340.39
Repairs & Maintenance Services	0.00	0.00	1,925.00	3,300.00	1,925.00
Contracted Services	0.00	0.00	29,166.67	50,000.00	29,166.67
Salaries - Riverside	392.20	3,318.66	6,497.17	11,138.00	3,178.51
Pennvest Loan Pymts - collection	39,749.64	273,358.52	269,691.92	462,329.00	(3,666.60)
FNB Loan Payment	0.00	0.00	0.00	0.00	0.00
Capital Project Financing	0.00	0.00	0.00	0.00	0.00
Riverside Pump St. Materials	0.00	625.00	875.00	1,500.00	250.00
Pump Station Materials	0.00	500.00	875.00	1,500.00	375.00
Total Collection System	42,288.17	310,851.73	264,535.46	916,490.00	228,167.25
Sewer System Operations					
Salaries - Treatment	28,020.73	216,001.01	231,513.85	376,210.00	15,512.84
Chemicals	22,876.60	84,971.35	99,166.67	170,000.00	14,195.32
Laboratory Supplies	0.00	19.90	291.67	500.00	271.77
Heating Fuel	1,877.04	35,281.48	35,000.00	60,000.00	(281.48)
Oil, Gas, & Grease	0.00	0.00	0.00	0.00	0.00
Clothing & Uniforms	0.00	298.31	58.33	100.00	(239.98)
Vehicle Expense	1,170.79	7,999.18	11,666.67	20,000.00	3,667.49
Small Tools & Minor Equipment	0.00	0.00	0.00	0.00	0.00
Maintenance Supplies - Misc.	0.00	859.77	3,500.00	6,000.00	2,640.23
Laboratory Services	2,963.00	16,139.00	20,416.67	35,000.00	4,277.67
Electricity	10,083.78	73,108.23	75,833.33	130,000.00	2,725.10
Solid Waste	0.00	49,062.00	32,488.75	55,695.00	(16,573.25)
Water	0.00	3,407.45	3,325.00	5,700.00	(82.45)
Equip. Repairs & Maintenance	10,840.00	108,059.42	43,750.00	75,000.00	(64,309.42)
Rent of Machinery & Equipment	0.00	0.00	0.00	0.00	0.00
Contracted Services	3,625.00	39,185.60	23,333.33	40,000.00	(15,852.27)
Capital Construction - Gen. & Infrac	27,884.77	55,908.04	121,049.83	207,514.00	65,141.79
Equipment	0.00	122,692.00	0.00	0.00	(122,692.00)
Total System Operations	109,341.71	812,992.74	701,394.10	1,181,719.00	(111,598.64)
Debt Principal & Interest					
Penn Vest Loan Payment	67,403.00	539,224.00	539,224.00	808,836.00	0.00
Total Debt Payments	67,403.00	539,224.00	539,224.00	808,836.00	0.00

Danville Municipal Authority
Sewer System Monthly Financial Report
July 31, 2022

Revenue/ Expense	Recorded Operations		Budget Estimates		Budget Surplus/ (Deficit) YTD
	Current Year		Current Year		
	Current Month	Y-T-D Total	Current Month	Y-T-D Total	
Sewer Administration					
Salaries & Wages	6,507.54	50,887.37	51,988.92	84,482.00	1,101.55
Dental Insurance	351.28	1,157.61	1,229.67	2,108.00	72.06
Health Insurance	16,972.16	125,927.71	131,638.67	197,458.00	5,710.96
Life Insurance	61.40	395.90	458.50	786.00	62.60
Pension	0.00	0.00	69,975.50	119,958.00	69,975.50
FICA	2,957.14	22,423.05	22,946.58	39,337.00	523.53
Supplies	2,174.99	7,521.12	5,833.33	10,000.00	(1,687.79)
Accounting & Auditing	0.00	8,125.00	5,468.75	9,375.00	(2,656.25)
Legal Consulting	1,862.50	6,436.50	8,750.00	15,000.00	2,313.50
Engineering Services	642.50	16,408.29	25,958.33	44,500.00	9,550.04
Communications	263.34	3,102.16	2,916.67	5,000.00	(185.49)
Travel & Education	230.00	1,996.12	1,236.67	2,120.00	(759.45)
Advertising, Printing	478.56	1,358.69	1,166.67	2,000.00	(192.02)
Liability	0.00	20,518.00	25,939.00	25,939.00	5,421.00
Workers Compensation	56,662.00	56,662.00	53,054.00	53,054.00	(3,608.00)
Vehicle Insurance	0.00	4,974.50	2,317.58	3,973.00	(2,656.92)
Fire Insurance	0.00	14,749.00	14,473.00	14,473.00	(276.00)
Flood Insurance	0.00	0.00	0.00	0.00	0.00
Dues, Subscriptions & Member.	0.00	727.08	291.67	500.00	(435.41)
DEP Annual Fees	0.00	0.00	1,020.83	1,750.00	1,020.83
Contracted Services	0.00	76.67	525.00	900.00	448.33
Prior Year Expense	0.00	1,920.00	0.00	0.00	(1,920.00)
Total Administration	89,163.41	345,366.77	427,189.34	632,713.00	83,742.57
Total Operating Exp.	308,196.29	2,008,435.24	1,932,342.89	3,539,758.00	200,311.17
Net Operating Inc.	(100,325.49)	1,200.88		138,664.00	

Sewer Fund Disbursements	July 31, 2022	
<u>Name</u>	<u>account descr.</u>	<u>amt.</u>
<u>Sewer System Collections</u>		
Salaries-Collection		\$ 643.34
Salaries-Riverside		\$ 392.20
Capital Improvements		\$ 48.04
Meter Project		\$ 1,155.00
Electricity		\$ 299.95
Pennvest Loan Payment		\$ 39,749.64
<u>Total Sewer System Operations</u>		<u>\$ 42,288.17</u>
<u>Sewer System Operations</u>		
Chemicals		\$ 540.00
Pollu-Tech, Inc.		\$ 3,564.00
Univar		\$ 1,800.00
Univar		\$ 16,972.60
Heating Fuel		\$ 1,877.04
Vehicle Expense		\$ 1,170.79
Lab Services		\$ 2,963.00
Electricity		\$ 10,083.78
Equip. Repairs & Maintenance		\$ 1,631.25
USA Bluebook		\$ 2,030.79
Buffalo Valley Door Service		\$ 2,445.00
OPSCO Service, Inc.		\$ 4,732.96
Contracted Services		\$ 150.00
JS Instr. & Calibr. LLC		\$ 3,475.00
Capital Construction		\$ 48.04
Gannett Fleming		\$ 14,925.78
Gannett Fleming		\$ 12,910.95
Penn Vest Loan Payment		\$ 67,403.00
Salaries-Treatment		\$ 28,020.73
<u>Total Sewer System Operations</u>		<u>\$ 176,744.71</u>
<u>Sewer Administration</u>		
Dental Insurance		\$ 351.28
Health Insurance		\$ 29.21
PMHIC		\$ 16,942.95
Life Insurance		\$ 61.40
FICA		\$ 2,957.14
Supplies		\$ 693.74
Diversified Technology		\$ 1,481.25
Legal Consulting		\$ 537.50
Marks, McLaughlin & Dennehy		\$ 1,325.00
Engineering		\$ 642.50
Communications		\$ 263.34
Travel & Education		\$ 230.00
Advertising & Printing		\$ 478.56
Workers Compensation		
Amtrust North America		\$ 56,662.00
Salary - Administration		\$ 6,507.54
<u>Total - Administration</u>		<u>\$ 89,163.41</u>
TOTAL DISBURSEMENTS		<u>\$ 308,196.29</u>

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Danville Municipal Authority
Sewer Treatment Facility Operating Report
Notes – July 2022

Revenues

- #1 Operating Revenue – Suez – Bill is based off DMA expenses, expenses low.
- #2 Operating Revenue – Riverside – 1st quarter billed received 2021 credit of \$17,768.82.

Expenses

- #3 Sewer System Operations – Solid Waste – Annual transfer to Borough.
- #4 Sewer System Operations – Equip. Repairs & Maintenance – \$21,329.17 to Martins Electrical Service for rebuild of pumps.
- #5 Sewer System Operations – Contracted Services - \$12,000 to Tri-County Spreading for biosolids spreading.
- #6 Sewer System Operations – Equipment – Sludge Truck from 2021 budget \$122,692.

12 Month Recap

Aug-21	\$260,262.05	\$113,279.26	\$146,982.79
Sep-21	\$235,001.44	\$102,495.53	\$132,505.91
Oct-21	\$298,490.06	\$338,563.35	-\$40,073.29
Nov-21	\$179,636.06	\$202,338.94	-\$22,702.88
Dec-21	\$364,776.82	\$222,975.95	\$141,800.87
Jan-22	\$206,589.49	\$387,165.44	-\$180,575.95
Feb-22	\$195,174.42	\$255,551.96	-\$60,377.54
Mar-22	\$488,744.70	\$295,049.04	\$193,695.66
Apr-22	\$194,601.61	\$271,114.08	-\$76,512.47
May-22	\$310,427.18	\$266,846.41	\$43,580.77
Jun-22	\$406,227.92	\$222,592.02	\$183,635.90
Jul-22	\$207,870.80	\$308,196.29	-\$100,325.49
Total	\$3,347,802.55	\$2,986,168.27	\$361,634.28
Average	\$278,983.55	\$248,847.36	\$30,136.19

AUGUST 2022
SEWER AUTHORITY REPORT

PLANT:

- Numerous power outages due to storms and transformer issues with PPL, no overtime or call-outs as a result
- The overflow portion of the secondary digester that had degraded concrete was repaired to better than new condition
- WETT testing was performed and was Pass/Pass on both species
- Yearly Form 43 testing was sent out for any disposal at the landfill
- Liquid hauling weekly, not catching up but enough to keep the process going smoothly
- Belt press - new belts arrived and refitting is scheduled for 2 weeks, then we can press and catch up on solids production
- Lights replaced in digester, still waiting on light order for raw pump room
- A/C unit was inoperable for 2 weeks at the end of July, it has been repaired
- Technician Finn expected to be back to work August 23

COLLECTIONS:

- Sewer line repair at Penn and Rooney – sink hole had been discovered and sewer line was uncovered
- Main block at Jacobs alley
- Weekly jetting as the norm
- Vac at water plant and pumpstations
- Clean the wet well grease



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Engineer's Report

Report Period: July 2022

Client Name: Danville Municipal Authority

Report Prepared By: Tia M. Trate

Wastewater Treatment Plant Dewatering Project

- Digester Pump design in progress.

Fisher Court Pump Station and Franklin Street Sewer Extension Project

- Tank pull was completed, Contractor to remobilize to replace fence.

Act 537 Plan and UER

- Updating Act 537 with Digester Pump Replacement scope and updated costs.
- Resolutions signed before the end of the comment period will need to be resigned following distribution of the revised study.

Rate Study

- Update is ongoing.

Sewer/Wastewater Annual Services

- Will Serve for T&S Realty submitted and completed early July.
- Annual Inspection completed on June 14, 2022.

Water Annual Services

- Will Serve for T&S Realty submitted and completed early July.
- Annual Plant Inspection completed May 3, 2022. Report is forthcoming.
- Water Allocation Permit Renewal
 - In progress

Project	Milestone	Date	Comments
Fisher Court PS Design	90% Design	October 2022	
	Bid Advertisement	May 2023	**project bidding dependent on PennVest funding
	Bid Opening	May 2023	
	Award and NTP	June 2023	
PENNVEST & Act 537	Finalize Act 537 Plan Revision and send to municipalities	September 2022	
	Obtain resolutions	October 2022	
	PADEP Act 537 Approval	November 2022	
	Part 2 Permit approval	January 2023	*submit after Act 537 approval, typically 2-3 months for approval
	PennVest Cut-off	February 2023	**Date not set
	PennVest Board Meeting	April 2023	**Date not set
	Bid Advertisement	May 2023	
WWTP Dewatering	90% Design	October 2022	
	Bid Advertisement	May 2023	**project bidding dependent on PennVest funding
	Bid Opening	May 2023	
	Award and NTP	June 2023	

Dewatering Project Summary:

The purpose of this project is to raze the existing dewatering building "green house" and replace it with a new all-purpose building consisting of the following components:

1. Dewatering Room with two (2) centrifuges, a polymer feed system, electrical and control room.
2. Biosolids truck loading station including new conveyors and a bin leveling mechanism to load the Borough's existing truck.
3. Equipment and storage maintenance area comprised of 3 truck bays
4. Space to empty the Vactor Truck, including a solids drying area.
5. Repair/retrofit of the lime silo, a new lime feed conveyor and lime mixer.
6. Associated site work including pavement, storm drains and yard piping.

Additionally, the project will replace the digester mixing and recirculation pumps (7 in total) with dual purpose mixing and recirculation pumps (4 in total).

Fisher Court PS and Force Main and Franklin Street Sewer Projects Summary:

The project generally consists of the following items:

1. Replace the gravity sewer along Franklin Street from Manhole No. 52, at the Danville State Hospital, to Manhole No. 39. This generally includes:
 - a. Approximately 3,000 LF of replaced main (16-inch and 18-inch)
 - b. Two railroad crossings
 - c. Wetland area work
 - d. Setting new manholes and providing better access to the ww collection operations staff to inaccessible manholes (16 new manholes)
 - e. Repaving of Franklin Street
2. Demolish the existing Fisher Court Pump Station and install a new station complete with
 - a. Pre-cast submersible pump station with integrated wet well
 - b. Lifting equipment for pumps
 - c. Control Panels and Canopy for protection of panels
 - d. Standby Emergency Generator
 - e. Associated site work including fencing, grading and yard pipe.
3. Install new force main for Fisher Court Pump Station which connects to the replaced gravity sewer. This generally consist of:
 - a. Approximately 2,300 LF of 6-inch main
 - b. Two trenchless road crossings (one PennDot, one private)
 - c. Installation of clean-out manholes
 - d. Repaving of Park Avenue and Wall Streets

Riverside Borough
Composite sampling

	BOD	TSS	TN	TP	O&G	Flow	
maximum	200	240	40	7	100 gpm		mgd
2022							
January	128	60	34.88	4.11	14.8		0.125
February	98.8	48	25.98	2.93	19.4		0.150
March	98.2	58	24.65	3.35	20.4	115.79	0.167
April	78.2	44	28.05	3.29	78.2	123.53	0.178
May	183	69	27.47	3.47	9.51	113.18	0.163
June	80.5	124	39.62	8.09	18.4	81.23	0.117
July	190	86	37.62	5.96	14.6		0.000
August							0.000
September							0.000
October							0.000
November							0.000
December							0.000
totals	856.7	489	218.27	31.2	175.31		
12 mo. ave.	71.4	40.8	18.2	2.6	14.6		
# of mo. over							
maximum	250	250	40	7	100		
# of mo. over	0	0	0	1	0		

Riverside agreement - page 7 - 9 mos consecutive or non-consecutive in any calendar year

sewer Rules & Regs - section 3.4 high strength discharge for 1 month

LD

*no data, based on avg of other months

2021 Value

Annual budgeted Operating, Maintenance and Administrative (O/M/A) cost of the Danville WWTP for the year in which the high load occurs in dollars (\$)

M \$ 2,175,737.00

Annual budgeted debt service payment for the Danville WWTP for the year in which the high load occurs in dollars (\$).

T \$ 808,836.00

Q1 Q2

Average concentration for a given parameter over the calendar quarter in milligrams per liter (mg/l).

	BOD	251.33	139.30
	TSS	180.00	115.33
	TN	45.67	34.96
A	TP	4.76	4.77

Average load of a given parameter to the WWTP in pounds per day (lbs/d).

	BOD	2230.33	1297.00
	TSS	2258.67	1062.67
	TN	382.94	420.27
B	TP	63.44	62.12

Average Daily Flow at the point in question for the most recent quarter ending on March 31st, June 30th, September 30th or December 31st, in MGD.

Q 0.1517664 0.1213728

High BOD Fee \$ 95.98 \$ (10,958.88)

High TSS Fee \$ (4,420.51) \$ (14,455.56)

High TN Fee \$ 2,109.28 \$ (1,367.15)

High TP Fee \$ (1,486.57) \$ (1,210.58)

Q3		Q4
	132.83	166.33
	76.67	90.67
	35.09	43.96
	4.56	5.73
	1402.67	1193.00
	751.33	665.33
	364.71	376.57
	48.89	52.70

	0.1716672		0.142
\$	(15,169.60)	\$	(10,535.07)
\$	(37,220.92)	\$	(31,959.95)
\$	(2,170.80)	\$	1,402.86
\$	(2,380.07)	\$	(946.77)