

DANVILLE MUNICIPAL AUTHORITY – JOINT WATER AND SEWER MEETING
AGENDA
JULY 18, 2022

PLEASE TURN ALL CELL PHONES OFF – THANK YOU!

Public Comment

Approve minutes from June 20, 2022 meeting.

WATER:

1. Review Water Superintendent's report – page 1 of packet
2. Review financial report; Review of 12/31/2022 estimates; Reimburse Borough \$204,918.87 for June 30, 2022 – pages 2 – 7 of the packet
3. Review report from the Danville Borough manager – water portion – page 8 of packet.

SEWER:

1. Review financial report: Reimburse Borough \$22,592.02 for June 30, 2022 – pages 9 – 14 of packet.
2. Review sewer superintendent's report page 15 of the packet.
3. Review report from the Danville Borough Manager – page 15

Engineer's Report – Tia Trate – Pages 17-18

Other Business

1. Meeting with VTMA – still waiting on a response from VTMA on the additional requested information to calculate rates based on new the proposed rates
2. Rate Comparisons (water, sewer tapping), attached - pages 19-23
3. Rate study decisions, attached - page 24

Adjournment

WATER DEPARTMENT REPORT JUNE 2022

PLANT FLOW

• Total:		42,647,442 gal.
• Average:		1,421,581 gal.
• Maximum:	June 6 th	1,922,942 gal.
• Minimum:	June 1 st	856,554 gal.

WATER LEAKS:

- 6.6.22 130 Center St.: Replaced a broken ¾" service line and installed a new tapping saddle

OTHER

- June water quality and flows were average to better than average.
- Around noon on the 16th of the month the electrical bucket in the MCC that provides power to the #3 high service pump malfunctioned. The inside of the component caught fire resulting in the plant momentarily losing power until the generator took over. There is an insurance claim on this matter.

Because the new pump is already on sight it is being used to replace the problem pump and components. There has been a slight interruption in flow capability which is being handled by slightly extending pumping hours. Minimal overtime has been realized by pumping hour adjustments.

Danville Municipal Authority
 Water System Monthly Financial Report
 June 30, 2022

Revenue/ Expense	Current Year			Budget Current Year		Budget Surplus/ (Deficit) YTD
	Current Month	Y-T-D Total	Estimated 12/31/2022	Current Month	Total Budget	
	OPERATING REVENUE					
Unmetered Sales	131,602.66	556,263.67	1,112,527.34	527,370.00	1,054,740.00	28,893.67
Metered Sales	1,197.58	166,369.61	332,739.22	207,295.50	414,591.00	(40,925.89)
Geisinger Med Center	26,460.00	148,120.00	296,240.00	135,000.00	270,000.00	13,120.00
Danville State Hospital	0.00	36,938.95	87,442.00	47,361.50	94,723.00	(10,422.55)
Suez	14,489.15	34,954.77	140,000.00	70,000.00	140,000.00	(35,045.23)
Valley Twp	0.00	49,056.64	131,523.75	54,017.45	109,866.00	(4,960.81)
Interest Earnings	42.25	193.71	387.42	150.00	300.00	43.71
Administrative Fees	125.00	718.94	1,437.88	500.00	1,000.00	218.94
Sale of Bulk Water & Services	9,778.03	304,247.31	309,247.31	150,000.00	300,000.00	154,247.31
Pension	0.00	0.00	83,132.00	0.00	83,132.00	0.00
Miscellaneous	0.00	5,435.20	5,435.20	500.00	1,000.00	4,935.20
Total Operating Rev.	183,694.67	1,302,298.80	2,500,112.12	1,192,194.45	2,469,352.00	110,104.35

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Revenue/ Expense	Current Year			Budget Current Year		Budget Surplus/ (Deficit) YTD
	Current Month	Y-T-D Total	Estimated 12/31/2022	Current Month	Total Budget	
	OPERATING EXPENSE					
Supply & Treatment						
Salaries & Wages	24,375.27	160,401.01	320,802.02	172,568.85	320,485.00	12,167.84
Materials & Supplies	1,094.83	20,952.20	41,904.40	11,000.00	22,000.00	(9,952.20)
Chemicals	25,630.04	59,108.05	118,216.10	75,000.00	150,000.00	15,891.95
Lab Testing	368.00	2,632.00	5,264.00	6,500.00	13,000.00	3,868.00
Fuel	143.87	10,027.13	20,054.26	8,000.00	16,000.00	(2,027.13)
Maintenance	15,654.89	61,184.71	122,369.42	75,000.00	150,000.00	13,815.29
Power	5,490.10	35,226.27	70,452.54	40,000.00	80,000.00	4,773.73
Miscellaneous	64.50	1,444.35	2,888.70	2,500.00	5,000.00	1,055.65
Total Supp & Treatment	72,821.50	350,975.72	701,951.44	390,568.85	756,485.00	39,593.13
Distribution						
Salaries & Wages	21,364.30	125,311.27	250,622.54	174,620.38	324,295.00	49,309.11
Materials & Supplies	23,727.30	86,191.36	238,900.00	119,450.00	238,900.00	33,258.64
Vehicle Expense	1,872.61	8,725.27	17,450.54	8,000.00	16,000.00	(725.27)
Maintenance	0.00	0.00	0.00	0.00	0.00	0.00
Equipment Rentals	0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous	0.00	0.00	0.00	750.00	1,500.00	750.00
Fulton Loan Payment	0.00	109,564.80	241,750.00	120,875.00	241,750.00	11,310.20
Total Distribution	46,964.21	329,792.70	748,723.08	423,695.38	822,445.00	93,902.68
Administration						
Salaries & Wages	6,356.14	42,726.07	85,452.14	45,489.77	84,481.00	2,763.70
Pension	0.00	0.00	181,837.00	0.00	181,837.00	0.00
FICA	3,965.92	26,362.76	52,725.52	28,947.50	57,895.00	2,584.74
Materials & Supplies	250.24	4,073.02	8,146.04	4,000.00	8,000.00	(73.02)
Professional services	3,522.55	32,344.00	64,688.00	33,250.00	66,500.00	906.00
Communications Expense	1,740.56	6,263.08	12,526.16	5,000.00	10,000.00	(1,263.08)
Insurance & Benefits	51,337.93	236,389.88	472,779.76	257,112.33	440,764.00	20,722.45
Miscellaneous	185.00	3,570.90	7,141.80	4,000.00	8,000.00	429.10
Total Administration	67,358.34	351,729.71	885,296.42	377,799.60	857,477.00	26,069.89
Non-Recurring Charges						
Capital Replacement	0.00	0.00	0.00	50,000.00	100,000.00	50,000.00
Lagoon Cleaning	0.00	9,600.00	9,600.00	9,000.00	9,000.00	(600.00)
Street Patching	17,774.82	17,774.82	75,000.00	37,500.00	75,000.00	19,725.18
Interconnection	0.00	0.00	0.00	50,000.00	100,000.00	50,000.00
Equipment	0.00	73,827.00	73,827.00	66,863.50	133,727.00	(6,963.50)
Upgrades	0.00	22,285.46	131,078.46	65,139.00	130,278.00	42,853.54
New Capital	0.00	309,733.56	631,841.60	277,655.50	555,311.00	(32,078.06)
Total Non-Recurring Chg	17,774.82	433,220.84	921,347.06	556,158.00	1,103,316.00	122,937.16
Total Operating Exp.	204,918.87	1,465,718.97	3,257,318.00	1,748,221.83	3,539,723.00	282,502.86
Net Operating Inc.	(21,224.20)	(163,420.17)	(757,205.88)		(1,070,371.00)	

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Estimated 12/31/22 Net Operating Loss (757,205.88)
Beginning Cash 1/1/2022 1,091,258.00
Non Budget Item - Software (8,600.00)
Non Budget Item - DEP Renewal Permit (22,500.00)
Estimated Ending Cash 12/31/22 **302,952.12**

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Water Fund Disbursements Detail - June 2022

<u>Name</u>	<u>account descr.</u>	<u>amt.</u>
<u>SUPPLY & TREATMENT</u>		
Materials & Supplies		\$ 1,094.83
Chemicals		\$ 671.45
Univar		\$ 3,470.02
Univar		\$ 1,172.66
Univar		\$ 20,315.91
Lab Testing		\$ 368.00
Fuel		\$ 143.87
Maintenance		\$ 1,137.32
Hunter & Lomison, Inc.		\$ 1,340.30
Process Control Solutions		\$ 2,893.05
Process Control Solutions		\$ 5,670.00
Process Control Solutions		\$ 2,565.00
Cardmember Service		\$ 2,049.22
Power		\$ 5,490.10
Miscellaneous		\$ 64.50
Salaries		\$ 24,375.27
<u>Total</u>		<u>\$ 72,821.50</u>
 <u>DISTRIBUTION</u>		
Materials & Supplies		\$ 6,633.46
L/B Water		\$ 5,568.00
L/B Water		\$ 3,166.00
L/B Water		\$ 1,783.10
L/B Water		\$ 2,902.50
Hanson Aggregates		\$ 2,069.82
Hanson Aggregates		\$ 1,604.42
Vehicle Expense		\$ 1,872.61
Salaries		\$ 21,364.30
<u>Total</u>		<u>\$ 46,964.21</u>
 <u>ADMINISTRATION</u>		
FICA		\$ 3,965.92
Materials & Supplies		\$ 250.24
Professional Services		\$ 1,687.55
Gannett Fleming		\$ 1,835.00
Communications		\$ 1,740.56
Insurance & Benefits		\$ 99.37
Associated Ins. Mgmt		\$ 1,657.00
Associated Ins. Mgmt		\$ 22,706.00
PMHIC		\$ 26,875.56
Miscellaneous		\$ 185.00
Salaries		\$ 6,356.14
<u>Total</u>		<u>\$ 67,358.34</u>

<u>Name</u>	<u>account descr.</u>	<u>amt.</u>
<u>NON-RECURRING CHARGES</u>		
Street Patching		\$ 1,153.02
Robert C. Young		\$ 13,732.00
HRI		\$ 1,407.06
HRI		\$ 1,482.74
<u>Total</u>		<u>\$ 17,774.82</u>
Filter & Pump Expenses (Loan)		\$ -
TOTAL DISBURSEMENTS		<u>\$ 204,918.87</u>

Danville Municipal Authority
Water Facility Operating Report
Notes –June 2022

Revenues

- #1 Operating Revenue - Metered Sales – Payments received in July-August should bring this account in line with the budget.
- #2 Operating Revenue – DSH – Should receive two payments in July that will bring this account in line with the budget.
- #3 Operating Revenue – Suez – Usage down.

Expenses

- #4 Supply & Treatment – Materials & Supplies – Spending on this line item will slow down for the remainder of the year.
- #5 Non-recurring Charges – Equipment – Purchased skid steer from Medico \$73,827.
- #6 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>
Jul-21	\$191,517.50	\$192,224.78	-\$707.28
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
Total	\$2,404,895.52	\$3,095,472.83	-\$690,577.31
Average	\$200,407.96	\$257,956.07	-\$57,548.11

Report from the Danville Borough Manager
Municipal Authority Meeting
Monday, July 18th, 2022

Water

- Stormwater runoff at 523 Becker Street

Sewer

- Update on Riverside's testing
- Spec for automatic fence entrance, attached, quotes included on Sewer Superintendent's report

Other

- Meeting with VTMA – still waiting on a response from VTMA on the additional requested information to calculate rates based on new the proposed rates
- Rate comparisons (water, sewer, tapping), attached
- Rate study decisions, attached

Danville Municipal Authority
Sewer System Monthly Financial Report
June 30, 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	962.93	138,153.85	142,350.00	292,000.00	(4,196.15)
Unmetered Sales	124,420.35	537,547.39	507,500.00	1,015,000.00	30,047.39
Suez	77,322.15	455,985.35	480,000.00	960,000.00	(24,014.65) 1
Geisinger Medical Center	147,033.48	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	44,321.12	88,524.01	104,000.00	208,000.00	(15,475.99) 2
Cooper	5,664.16	34,755.95	33,000.00	66,000.00	1,755.95
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	0.00	89,308.03	91,500.00	183,000.00	(2,191.97)
Administrative Fees	75.00	2,934.68	500.00	1,000.00	2,434.68
Sale of Services	0.00	5,600.76	2,500.00	5,000.00	3,100.76
Riverside O & M	3,550.00	10,650.00	10,650.00	21,300.00	0.00
Valley Sampling	0.00	760.00	1,140.00	2,280.00	(380.00)
Solid Waste	2,348.00	10,424.00	5,400.00	10,800.00	5,024.00
Interest Earnings	531.13	2,403.81	550.00	1,100.00	1,853.81
Sale of Assets	0.00	0.00	0.00	0.00	0.00
Total Operating Rev.	406,228.32	1,801,765.72	1,808,140.00	3,678,422.00	(6,374.28)

Danville Municipal Authority
Sewer System Monthly Financial Report
June 30, 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	618.37	4,833.22	22,817.85	42,376.00	17,984.63
Supplies	0.00	0.00	200.00	400.00	200.00
Vehicle Parts	0.00	0.00	250.00	500.00	250.00
Capital Improvements - General	0.00	8,490.53	87,461.00	174,922.00	78,970.47
Meter Project	0.00	15,769.81	82,162.50	164,325.00	66,392.69
Electricity - Collections	295.13	1,809.66	2,100.00	4,200.00	290.34
Repairs & Maintenance Services	0.00	0.00	1,650.00	3,300.00	1,650.00
Contracted Services	0.00	0.00	25,000.00	50,000.00	25,000.00
Salaries - Riverside	593.40	2,926.46	5,569.00	11,138.00	2,642.54
Pennvest Loan Pymts - collection	39,749.64	233,608.88	231,164.50	462,329.00	(2,444.38)
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	125.00	625.00	750.00	1,500.00	125.00
Pump Station Materials	0.00	500.00	750.00	1,500.00	250.00
Total Collection System	41,381.54	268,563.56	227,210.35	916,490.00	193,380.67
Sewer System Operations					
Salaries - Treatment	27,378.99	187,980.28	202,574.62	376,210.00	14,594.34
Chemicals	6,035.35	62,094.75	85,000.00	170,000.00	22,905.25
Laboratory Supplies	0.00	19.90	250.00	500.00	230.10
Heating Fuel	4,767.11	33,404.44	30,000.00	60,000.00	(3,404.44)
Oil, Gas, & Grease	0.00	0.00	0.00	0.00	0.00
Clothing & Uniforms	0.00	298.31	50.00	100.00	(248.31)
Vehicle Expense	3,552.40	6,828.39	10,000.00	20,000.00	3,171.61
Small Tools & Minor Equipment	0.00	0.00	0.00	0.00	0.00
Maintenance Supplies - Misc.	0.00	859.77	3,000.00	6,000.00	2,140.23
Laboratory Services	1,823.00	13,176.00	17,500.00	35,000.00	4,324.00
Electricity	11,016.42	63,024.45	65,000.00	130,000.00	1,975.55
Solid Waste	144.50	49,062.00	27,847.50	55,695.00	(21,214.50)
Water	0.00	3,407.45	2,850.00	5,700.00	(557.45)
Equip. Repairs & Maintenance	10,150.32	97,219.42	37,500.00	75,000.00	(59,719.42)
Rent of Machinery & Equipment	0.00	0.00	0.00	0.00	0.00
Contracted Services	591.00	35,560.60	20,000.00	40,000.00	(15,560.60)
Capital Construction - Gen. & Infrac	0.00	28,023.27	103,757.00	207,514.00	75,733.73
Equipment	0.00	122,692.00	0.00	0.00	(122,692.00)
Total System Operations	65,459.09	703,651.03	605,329.12	1,181,719.00	(98,321.91)
Debt Principal & Interest					
Penn Vest Loan Payment	67,403.00	471,821.00	471,821.00	808,836.00	0.00
Total Debt Payments	67,403.00	471,821.00	471,821.00	808,836.00	0.00

Danville Municipal Authority
Sewer System Monthly Financial Report
June 30, 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	44,379.83	45,490.31	84,482.00	1,110.48
Dental Insurance	0.00	806.33	1,054.00	2,108.00	247.67
Health Insurance	17,668.20	108,955.55	115,183.83	197,458.00	6,228.28
Life Insurance	61.40	334.50	393.00	786.00	58.50
Pension	0.00	0.00	59,979.00	119,958.00	59,979.00
FICA	2,919.87	19,465.91	19,668.50	39,337.00	202.59
Supplies	655.41	5,346.13	5,000.00	10,000.00	(346.13)
Accounting & Auditing	625.00	8,125.00	4,687.50	9,375.00	(3,437.50)
Legal Consulting	537.50	4,574.00	7,500.00	15,000.00	2,926.00
Engineering Services	1,835.00	15,765.79	22,250.00	44,500.00	6,484.21
Communications	262.80	2,838.82	2,500.00	5,000.00	(338.82)
Travel & Education	0.00	1,766.12	1,060.00	2,120.00	(706.12)
Advertising, Printing	41.67	880.13	1,000.00	2,000.00	119.87
Liability	0.00	20,518.00	25,939.00	25,939.00	5,421.00
Workers Compensation	0.00	0.00	26,527.00	53,054.00	26,527.00
Vehicle Insurance	2,485.00	4,974.50	1,986.50	3,973.00	(2,988.00)
Fire Insurance	14,749.00	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	250.00	500.00	(477.08)
DEP Annual Fees	0.00	0.00	875.00	1,750.00	875.00
Contracted Services	0.00	76.67	450.00	900.00	373.33
Prior Year Expense	0.00	1,920.00	0.00	0.00	(1,920.00)
Total Administration	48,348.39	256,203.36	356,266.64	632,713.00	101,983.28
Total Operating Exp.	222,592.02	1,700,238.95	1,660,627.10	3,539,758.00	197,042.03
Net Operating Inc.	183,636.30	101,526.77		138,664.00	

Sewer Fund Disbursements	June 30, 2022	
<u>Name</u>	<u>account descr.</u>	<u>amt.</u>
<u>Sewer System Collections</u>		
Salaries-Collection	\$	618.37
Salaries-Riverside	\$	593.40
Electricity	\$	295.13
Pennvest Loan Payment	\$	39,749.64
Riverside Sampling	\$	125.00
<u>Total Sewer System Operations</u>	\$	41,381.54
<u>Sewer System Operations</u>		
Chemicals		
Pollu-Tech, Inc.	\$	1,499.75
Graymont Inc.	\$	4,535.60
Heating Fuel	\$	4,767.11
Vehicle Expense	\$	3,552.40
Lab Services	\$	1,823.00
Electricity	\$	11,016.42
Solid Waste	\$	144.50
Equip. Repairs & Maintenance	\$	2,211.66
OPSCO Service, Inc.	\$	7,938.66
Contracted Services	\$	591.00
Penn Vest Loan Payment	\$	67,403.00
Salaries-Treatment	\$	27,378.99
<u>Total Sewer System Operations</u>	\$	132,862.09
<u>Sewer Administration</u>		
Health Insurance	\$	725.25
PMHIC	\$	16,942.95
Life Insurance	\$	61.40
FICA	\$	2,919.87
Supplies	\$	655.41
Accounting & Auditing	\$	625.00
Legal Consulting	\$	537.50
Engineering		
Gannett Fleming	\$	1,835.00
Communications	\$	262.80
Advertising & Printing	\$	41.67
Vehicle Insurance		
Associated Ins. Mgmnt	\$	2,485.00
Fire Insurance		
Associated Ins. Mgmnt	\$	14,749.00
Salary - Administration	\$	6,507.54
<u>Total - Administration</u>	\$	48,348.39
TOTAL DISBURSEMENTS	\$	222,592.02

Danville Municipal Authority
Sewer Treatment Facility Operating Report
Notes – June 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

Jul-21	\$228,871.70	\$129,413.22	\$99,458.48
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	\$406,228.32	\$222,592.02	\$183,636.30
Total	\$3,368,803.85	\$2,807,385.20	\$561,418.65
Average	\$280,733.65	\$233,948.77	\$46,784.89

JULY 2022

SEWER AUTHORITY REPORT

PLANT

- June 26 the plant digester experienced an overflow. The box where the supernatant overflows back to the head became blocked. The cause of the block was a breakdown of the concrete in the box over from years of use (not rehabbed during the plant upgrade) . This overflow was reported to DEP and cleanup was immediate and the block was removed via vac truck the next day. Lime was applied to the area of the spill per DEP guidance. The concrete box is scheduled for repair after the belt press can be in service to take the sludge level down in the secondary digester.
- Plant staff put the attached gate spec out to three local fence contractors requesting a quote...to date two responses have been received, Buffalo Valley Fence \$13,500, Suburban Fence \$17,000
- The belt press belts have torn at a critical point ... new belts have been ordered. Delivery is expected the week of Aug 5. Per the manufacturer we are not to use the belt press in this condition and therefore we have been liquid hauling solids weekly from the plant until the new belts are installed. We held off on any large belt press repairs considering we are working on a dewatering rebuild for the past 3 years and were hoping the construction would have started.
- WETT testing and NPDES testing being performed mid-July
- 2 new DO interfaces have been purchased for the biotanks ... the old ones were irreparable
- Took down primary clarifier for cleaning
- Clean DO probes

COLLECTIONS

- Camerize and troubleshoot block along DL &W... homeowner lined broken lateral by shoving a smaller pipe within he lateral and pushed it so far they blocked themselves and the main.
- Weekly jetting
- Clean and vac at pumpstations
- Test and service generators for pumpstations

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



Corporate Headquarters
207 Senate Avenue
Camp Hill, PA 17011
P 717.763.7211 | F 717.763.8150

gannettfleming.com

Engineer's Report

Report Period: June 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. GF received test results and analyzing those results.

Act 537 Plan and UER

- Cost Estimate has been updated (see next page)
- Resolutions signed before the end of the comment period will need to be resigned following distribution of the revised study.

Rate Study

- Update discussed at last month's meeting 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

Construction Cost Estimate	
Dewatering Project	
Dewatering Building	\$8,200,000
Digester Pump Improvements	\$1,200,000
TOTAL	\$9,400,000
Fisher Court Project	
Fisher Court Pump Station	\$1,000,000
Franklin Street Sewer and Fisher Court Pump Station Force Main	\$3,900,000
TOTAL	\$4,900,000

Notes:

1. Pricing of material and equipment has increased due to supply chain issues. Not only are we seeing unprecedented increases in cost, but this is also impacting contract times as items that were typically "shelf" items are now seeing significant lead times.
2. Equipment and material manufacturers are no longer providing pricing that is good for 6 months to a year, it is now typically 3 months. This is creating pricing shifts from contractors and suppliers at all levels of the construction industry.
3. We hope to see pricing stabilize, but there are no guarantees.
4. Construction projects that have bid during the pandemic (2020 – current time) are experiencing delays and large change orders as a result of these issues.

Water

Account ID	Entity	Address	Meter Size	July	August	Sept	Oct	Nov	Dec	Projected Annual Loss	Actual Min. Annual Loss Current Rates	Annual Loss New Rates	Est. Usage Annual Loss	
7103	Danv. Boro Rental House	632 W. MAHONING ST	0.75	3,000	4,000	3,000	3,000	3,000	3,000	\$456.00	\$660.00	\$475.12	\$236.80	
7009	Grove Presbyterian Church	376 BLOOM STREET	0.75	7,872	5,633	5,270	3,722	450	2,739	\$456.00	\$660.00	\$542.44	\$304.12	
7009	Washies Fire Co.	532 RAILROAD STREET	1.0	5,384	2,636	2,745	5,093	3,326	2,240	\$456.00	\$1,032.00	\$626.38	\$253.66	
7006	Christ Memorial Episcopal Church	196 E. MARKET STREET	0.75	273	276	1,086	1,976	1,996	2,378	\$456.00	\$660.00	\$332.86	\$94.54	
7276	Montour County Historical Society	11-19 BLOOM STREET	0.75	437	619	1,220	1,421	1,014	1,047	\$456.00	\$660.00	\$306.49	\$68.17	
7002	St. Joseph's Church	68 CENTER STREET	1.0	11,398	11,609	7,428	13,857	7,773	6,909	\$456.00	\$1,032.00	\$1,070.97	\$698.25	
7007	Pine St Lutheran Church	621 PINE STREET	0.75	3	3	3	3	3	3	\$456.00	\$660.00	\$238.53	\$0.21	
7010	Continental Fire Co.	331 MEADOW LANE	1.5	11,410	11,274	11,454	11,609	11,583	10,649	\$456.00	\$1,920.00	\$1,498.23	\$804.87	
7105	Goodwill Fire Co.	407 CENTER STREET	2.0	22,076	7,746	2,978	3,392	3,270	3,275	\$456.00	\$3,096.00	\$1,624.05	\$506.01	
7100	Danv. Boro Municipal Building	463 MILL STREET	0.75	2,000	3,000	4,000	5,000	4,000	3,000	\$456.00	\$660.00	\$486.96	\$248.64	
7101	Danv. Boro Street Barn	602 W. MAHONING ST	1.0	3,000	4,000	2,000	3,000	1,000	2,000	\$456.00	\$660.00	\$550.32	\$177.60	
7102	Senior Center	605 W. MAHONING ST	0.75	3,000	2,000	2,000	2,000	1,000	1,000	\$456.00	\$660.00	\$368.56	\$130.24	
7001	Shiloh U.C.C.	512 BLOOM STREET	1.0	1,000	2,000	1,000	2,000	1,000	2,000	\$456.00	\$1,032.00	\$479.28	\$106.56	
7200	Thomas Beaver Library	317 FERRY STREET	0.75	1,306	1,306	2,114	1,293	1,072	1,255	\$456.00	\$660.00	\$337.14	\$98.82	
7003	Mahoning Presbyterian Church	352 FERRY STREET	0.75	7,857	4,973	3,480	278	4,956	2,249	\$456.00	\$660.00	\$520.03	\$281.71	
7106	Danv. Boro Police Station	218 IRON STREET	1.0	1,763	2,012	1,683	1,695	1,654	1,511	\$456.00	\$1,032.00	\$494.89	\$122.17	
7008	God's Missionary Church	500 E. FRONT STREET	0.75	4,740	5,064	2,555	2,062	2,793	4,187	\$456.00	\$660.00	\$491.71	\$253.39	
7004	Trinity Lutheran Church	241 E. MARKET STREET	0.75	728	781	286	698	871	1,250	\$456.00	\$660.00	\$292.95	\$54.63	
7005	St. Paul United Methodist Church	417 PINE STREET	0.75	237	300	227	256	264	238	\$456.00	\$660.00	\$256.34	\$18.02	
7201	Soccer Park	1510 RIVER DRIVE	1.0	0	0	0	0	0	0	\$456.00	\$1,032.00	\$372.72	\$0.00	
7011	Friendship Fire Co.	219 Ferry Street	2.0	5,059	6,224	5,046	5,552	6,875	6,918	\$456.00	\$3,096.00	\$1,540.42	\$422.38	
7104	Danv. Boro	F.Q. HARTMAN FIELD - ECHO & TRAILER	1.0	0	0	0	0	0	0	\$456.00	\$1,032.00	\$372.72	\$0.00	
Totals for metered											\$10,032.00	\$23,256.00	\$13,279.11	\$4,880.79
Not Metered Yet														
Washies Playground														
Danville Little League Field - Washies														
Danville Little League Field - Senior Division W														
Little League Utility Field - Washies														
Totals for unmetered											\$1,824.00	\$2,640.00	\$1,095.36	\$142.08
Total Loss Revenue											\$11,856.00	\$25,896.00	\$14,374.47	\$5,022.87

Sewer

Account ID	Entity	Address	Meter Size	Monthly Losses												Projected Annual Loss	Actual Min. Annual Loss	Annual Loss Rates	Est. Usage Annual Loss
				July	August	Sept	Oct	Nov	Dec										
7103	Danv. Boro Rental House	632 W. MAHONING ST	0.75	3,000	4,000	3,000	4,000	3,000	3,000							\$441.60	\$332.00	\$236.00	
7009	Grove Presbyterian Church	376 BLOOM STREET	0.75	7,872	5,633	5,270	3,722	450	2,739							\$441.60	\$399.09	\$303.09	
7009	Washies Fire Co.	532 RAILROAD STREET	1.0	5,384	2,636	2,745	5,093	3,326	2,240							\$441.60	\$367.88	\$252.80	
7006	Christ Memorial Episcopal Church	156 E. MARKET STREET	0.75	273	276	1,086	1,976	1,996	2,378							\$441.60	\$190.22	\$94.22	
7276	Montour County Historical Society	11-19 BLOOM STREET	0.75	437	619	1,220	1,421	1,014	1,047							\$441.60	\$163.94	\$87.94	
7002	St. Joseph's Church	68 CENTER STREET	1.0	11,398	11,609	7,428	13,857	7,773	6,909							\$441.60	\$810.97	\$695.89	
7007	Pine St Lutheran Church	621 PINE STREET	0.75	3	3	3	3	3	3							\$441.60	\$96.21	\$0.21	
7010	Continental Fire Co.	331 MEADOW LANE	1.5	11,410	11,274	11,454	11,609	11,583	10,649							\$441.60	\$949.27	\$802.15	
7105	Goodwill Fire Co.	407 CENTER STREET	2.0	22,076	7,746	2,978	3,392	3,270	3,275							\$441.60	\$689.82	\$504.30	
7100	Danv. Boro Municipal Building	463 MILL STREET	0.75	2,000	3,000	4,000	5,000	4,000	3,000							\$441.60	\$343.80	\$247.80	
7101	Danv. Boro Street Barn	602 W. MAHONING ST	1.0	3,000	4,000	2,000	3,000	1,000	2,000							\$441.60	\$292.08	\$177.00	
7102	Senior Center	605 W. MAHONING ST	0.75	3,000	2,000	2,000	2,000	2,000	1,000							\$441.60	\$225.80	\$129.80	
7001	Shiloh U.C.C.	512 BLOOM STREET	1.0	1,000	2,000	1,000	2,000	1,000	1,000							\$441.60	\$221.28	\$106.20	
7200	Thomas Beaver Library	317 FERRY STREET	0.75	1,306	1,306	2,114	1,293	1,072	1,255							\$441.60	\$194.48	\$98.48	
7003	Mahoning Presbyterian Church	352 FERRY STREET	0.75	7,857	4,973	3,480	278	4,956	2,249							\$441.60	\$376.76	\$280.76	
7106	Danv. Boro Police Station	218 IRON STREET	1.0	1,763	2,012	1,683	1,695	1,654	1,511							\$441.60	\$236.83	\$121.75	
7008	God's Missionary Church	500 E. FRONT STREET	0.75	4,740	5,064	2,555	2,062	2,793	4,187							\$441.60	\$348.53	\$252.53	
7004	Trinity Lutheran Church	241 E. MARKET STREET	0.75	728	781	286	698	871	1,250							\$441.60	\$150.45	\$54.45	
7005	St. Paul United Methodist Church	417 PINE STREET	0.75	237	300	227	256	264	238							\$441.60	\$113.96	\$17.96	
7201	Soccer Park	1510 RIVER DRIVE	1.0	0	0	0	0	0	0							\$441.60	\$115.08	\$0.00	
7011	Friendship Fire Co.	219 Ferry Street	2.0	5,059	6,224	5,046	5,552	6,875	6,918							\$441.60	\$606.47	\$420.95	
7104	Danv. Boro	F.Q. HARTMAN FIELD - ECHO & TRAILER	1.0	0	0	0	0	0	0							\$441.60	\$115.08	\$0.00	
Totals for metered																\$9,715.20	\$7,578.34	\$4,864.30	
Not Metered Yet																			
		Washies Playground	0.75	500	500	500	500	500	500							\$441.60	\$131.40	\$35.40	
		Danville Little League Field - Washies	0.75	500	500	500	500	500	500							\$441.60	\$131.40	\$35.40	
		Danville Little League Field - Senior Division Washies	0.75	500	500	500	500	500	500							\$441.60	\$131.40	\$35.40	
		Little League Utility Field - Washies	0.75	500	500	500	500	500	500							\$441.60	\$131.40	\$35.40	
Totals for unmetered																\$1,766.40	\$525.60	\$141.60	
Total Loss Revenue																\$11,481.60	\$8,103.94	\$5,005.90	

Billing Rates for Local Water Utilities

Municipality	5000 gallons per quarter	12000 gallons per quarter	15000 gallons per quarter	18000 gallons per quarter	Description of Rate
Danville Borough - Present Rates (Flat Rate Residential)	\$108.00	\$108.00	\$108.00	\$108.00	\$108 minimum meter charge or \$4.20/1000 gallons, whichever is greater
Danville Borough - Proposed Rates (Residential)	\$74.52	\$110.04	\$127.80	\$157.40	\$39 quarterly customer charge + \$5.92 per 1,000 gallons
Borough of Hanover - Inside Borough	\$45.51	\$64.47	\$73.95	\$83.43	\$26.55/quarter and \$3.16 per 1000 gallons
SCMA - Pottsville/Tremont/Pinebrook	\$52.20	\$90.23	\$111.89	\$133.55	\$52.20 Quarterly Minimum Rate for first 900 CF + \$5.40 per 100 CF (901-8100 CF, 4.30 per 100 CF 8101 - 51,000 CF 3.50 per 100 CF (51,001-60,000CF)
City of Lancaster - Outside City	\$52.63	\$81.40	\$95.79	\$110.18	\$7.95/month and \$4.796 per 1000 gallons
City of Lancaster - Inside City	\$55.73	\$84.15	\$98.36	\$112.58	\$9.10/month and \$4.7375 per 1000 gallons
Borough of Hanover - Outside Borough	\$56.84	\$86.74	\$101.78	\$116.83	\$26.55/quarter and \$5.0156 per 1000 gallons
Schuylkill Haven Municipal Authority	\$69.02	\$118.53	\$143.29	\$168.05	\$19.50 quarterly base + \$6.2525/1000 gal
Morea Citizens Water Authority	\$75.00	\$75.00	\$75.00	\$75.00	\$25 per month
Hazleton City Authority	\$75.99	\$108.51	\$123.93	\$139.35	\$42.75 quarterly for meter and first 500 gallons + \$5.60/1000 gallons for next 400.0 \$5.42/100 gallons for next 7,500 gallons and then 5.14 per gallon up to 50,000 gallons
York Water Company - Gravity	\$78.82	\$108.89	\$123.93	\$138.97	\$16.25/month and \$5.012 per 1000 gallons
Ulysses Borough Municipal Authority	\$79.50	\$109.50	\$124.50	\$139.50	\$67.00 for up to 3500 gallons and then \$5 per 1000 gallon
Sunbury Municipal Authority	\$81.06	\$115.80	\$133.17	\$150.54	\$15.44 per month + \$5.79 per 1000 gallons
Mifflin Township Municipal Authority	\$84.00	\$121.00	\$131.50	\$142.00	\$84.00 quarterly base rate (7 th -9 th) + \$3.50/1000
Suez - Bloomsburg	\$87.75	\$134.26	\$157.51	\$180.76	\$41.25 Quarterly rate plus 0.77506 per 100 gallons
Blythe Township Municipal Authority	\$90.00	\$117.00	\$144.00	\$171.00	\$90.00 quarterly up to 9000 gal + \$9.00/1000 gal over 9000 gal
York Water Company - Repumped	\$96.82	\$144.88	\$168.92	\$192.95	\$16.25/month and \$8.111 per 1000 gallons
Ringtown Borough	\$97.25	\$142.25	\$164.75	\$187.25	.016 per month, for the first 500 gallons used. Every gallon over that is .0075 per gallon
Ashland Area Municipal Authority	\$97.50	\$135.00	\$153.75	\$172.50	\$60.00 quarterly + \$6.25/1000 gallons
SCMA - Pine Grove	\$97.65	\$142.65	\$165.15	\$187.65	\$47.25 Quarterly Rate plus \$8.40 per 1000 gallons or fraction thereof
Tamaqua Area Water Authority	\$102.00	\$126.00	\$142.50	\$159.00	\$102.0 quarterly base up to 6000 gal + \$5.50/1000 gal over 6000 gal
Mahanoy Township Authority	\$102.32	\$142.26	\$162.24	\$182.21	\$55.38 for first 875 gal + 0.00977273 for next 4114 gal + 0.00665775 for next 49,862 gal
Shoemakersville Borough	\$103.00	\$181.00	\$220.00	\$259.00	\$25 base fee + \$131,000 gallons
Orwigsburg Borough	\$111.60	\$127.80	\$127.80	\$160.20	\$83.00 quarterly for first 5000 gal + \$5/1000 gal over - Note 8% increase over this proposed 2019
SCMA - West Brunswick	\$114.60	\$173.70	\$203.25	\$232.80	\$55.50 Quarterly Rate plus \$9.85 per 1000 gallons or fraction thereof
Municipal Authority of the Borough of Shenandoah	\$117.06	\$162.30	\$176.21	\$190.26	
PA American - Berwick	\$122.80	\$196.10	\$232.76	\$269.41	\$52.5 quarterly + 1.31/100 gallons
PA American - Frackville	\$131.10	\$209.70	\$249.00	\$288.30	\$52.5 quarterly + 1.31/100 gallons
Aqua America - Rate Zone 1	\$139.83	\$232.54	\$278.89	\$325.24	\$20.51 monthly + \$0.013050/gal up to 2000 + \$0.015451/gal over 2000 per month
Galeton Borough Authority	\$184.10	\$196.82	\$203.18	\$209.54	\$58.54/month for up to 2000 gallons then \$2.12 per 1000 gallons
Average:	\$82.80	\$131.95	\$150.76	\$171.45	

Note: Rates are based on information provided by water suppliers or other sources and correct to the best of our knowledge. We do not guarantee their accuracy.

Billing Rates for Local Sewer Utilities

Municipality	\$/unit/quarter	\$/unit/month	Notes
Danville - Present Rates (Flat Rate Residential)	\$110.40	\$36.80	2022
Danville - Proposed Rates (Residential)	\$125.55	\$41.85	2023
Auburn	\$92.50	\$30.83	
Ashland	\$105.00	\$35.00	2022
City of Lancaster - Outside City*	\$105.70	\$35.23	2022
Frackville	\$112.50	\$37.50	2022
Mahanoy City	\$119.00	\$39.67	2022
Cressona	\$120.00	\$40.00	(2017 rate)
St. Clair	\$125.00	\$41.67	2022
Shoemakersville Borough	\$127.00	\$42.33	2022
SCMA - Pottsville	\$127.50	\$42.50	2022
Greater Hazleton Joint Sewer Authority	\$129.00	\$43.00	2022
Shenandoah	\$129.00	\$43.00	2022
Tamaqua	\$130.00	\$43.33	2022
Schuylkill Haven*	\$130.55	\$43.52	2022
Norwegian Township*	\$135.00	\$45.00	(2017 rate)
SCMA - Orwigsburg*	\$140.00	\$46.67	2022
Rush Township (Lake Hauto)	\$144.00	\$48.00	2022
Berwick Area Joint Sewer Authority - Mifflin Township	\$150.00	\$50.00	
Girardville	\$150.00	\$50.00	2022
Ringtown	\$150.00	\$50.00	2022
McAdoo Borough	\$150.00	\$50.00	2022
Minersville*	\$150.91	\$50.30	2022
Berwick Area Joint Sewer Authority - Briar Creek Borough	\$153.00	\$51.00	
Gordon Borough	\$153.00	\$51.00	2022
Schuylkill Valley Sewer Authority	\$153.00	\$51.00	
Pine Grove	\$155.00	\$51.67	2022
Lewisburg Area Joint Sewer Authority*	\$155.44	\$51.81	2022
City of Lancaster - Inside City*	\$157.04	\$52.35	2022
Northeast Schuylkill Joint Mun. Auth.	\$159.00	\$53.00	2022
Delano*	\$160.00	\$53.33	
Gilberton	\$165.00	\$55.00	
North Manheim Township Authority*	\$172.50	\$57.50	(2017 rate)
Rush Township (Hometown)	\$178.00	\$59.33	2022
Berwick Area Joint Sewer Authority - Salem Township	\$180.00	\$60.00	
West Mahanoy Township	\$183.00	\$61.00	2022
Tremont	\$195.00	\$65.00	2022
Butler Township, Schuylkill County	\$195.00	\$65.00	2022
Aqua PA - Eagle Rock - Zone 1	\$207.00	\$69.00	2022
Sunbury Municipal Authority	\$207.51	\$69.17	2021
Pennsylvania American - Scranton*	\$217.50	\$72.50	2022
Kline Township*	\$218.37	\$72.79	2022
Branch/Cass Twps	\$234.00	\$78.00	2022
Deer Lake/West Brunswick	\$240.00	\$80.00	2022
PA American Water - Zone 1*	\$325.41	\$108.47	2022
Average	\$158.28	\$52.76	

Notes:

1. Rate schedules are converted to an average flat rate for the sake of comparison (15,000 gallons per quarter).
2. Asterix * indicated estimated rate since it is based on water usage.
3. Rates are from fee schedule, phone calls to respective offices, or sewer bills.

Pennsylvania Utilities Water Tapping Fees

Area	Total	Notes
Danville Borough	2,867	Capacity and distribution parts make up total fee.
Easton Suburban Water Authority	4,100	Capacity and distribution parts make up total fee.
Schuylkill County Municipal Authority (SCMA)	2,000	Capacity and distribution parts make up total fee.
City of Lancaster	2,000	Capacity and special purpose part make up total fee.
City of Harrisburg	1,010	Capacity and distribution parts make up total fee.
Bradford City Water Authority	700	Distribution part only.
Carlisle Borough Municipal Authority	200	Capacity and distribution parts make up total fee.

Pennsylvania Utilities Sewer Tapping Fees

Area	Total	Notes
Danville Borough	1,787	Capacity and collection parts make up total fee.
State College Borough	11,265	Capacity, collection parts + A fee for treatment plant expansion owned by University Area Joint Authority.
Schuylkill County Municipal Authority (SCMA)	3,000	Per EDU.
Hanover Borough	2,650	Capacity and collection parts make up total fee.
Ambler Borough	2,508	Collection part only.
Derry Township Municipal Authority	2,400	Capacity and collection parts make up total fee.
City of Harrisburg	2,280	Per EDU.
City of Lancaster	2,000	Capacity and special purpose part make up total fee.
Lewisburg	1,300	Capacity and collection parts make up total fee.
Bradford Sanitary Authority	500	Collection part only.
Carlisle Borough Municipal Authority	200	Capacity and collection parts make up total fee.

Decisions that need to be made to finalize rate study:

1. Free water & sewer customers
 - Usage with proposed new rate structure attached.
2. Valley
3. Customers that have their water shut off at the curb still receive the flat rate charge?
 - May 21, 2018 – Authority decided vacancy credit will be eliminated when everyone is billed based off meter

Decision that needs to be made to finish meter project:

1. Start charging the Change of Ownership Fee and if so, does the fee need an increase?
 - Current rules & regulations - A charge of twenty-five dollars (\$25.00) will be billed to the new Owner/Occupant to cover meter reading and administration costs related to the change in ownership or occupant of a property.
 - Past practice was to never charge this fee – rarely a commercial establishment sells
 - Staff time to perform task – 1 hour
 - \$46
2. The Authority or the owner pay for the meter in new construction after the project is complete?
 - Brad would like to see all new construction have meter pits and the owner pay for it.
3. Customers with a pool receive a sewer credit?
4. Customers receive a credit for letting water run in the winter?
5. Customers with 1" meters continue to be charged the ¾" meter flat rate charge?
 - 2/17/20 Mr. Nash of 537 Bloom Street requested to not be charged for 1" meter and Authority agreed to table it until all meters were installed
 - 5 properties have 1" meters and don't need them
 - Brad states there should be no difference in water pressure to neck down to ¾" meter
 - Mr. Nash does not want to neck down to ¾" meter
 - Proposed new rate structure flat charge
 - ¾" \$59.58
 - 1" \$93.18