

**MINUTES
WORCESTER TOWNSHIP BOARD OF SUPERVISORS
WORKSHOP MEETING
WORCESTER TOWNSHIP COMMUNITY HALL
September 18, 2024 – 6:30 PM**

CALL TO ORDER

The meeting was called to order at 6:31 PM.

PLEDGE OF ALLEGIANCE

ATTENDANCE

All members of the Board of Supervisors were present.

ANNOUNCEMENTS:

The Assistant Township Manager stated that the meeting was being recorded for future broadcast.

INFORMATIONAL ITEMS

PUBLIC COMMENT

WORKSESSION TOPICS

- 2025 preliminary budget presentation

Nicole Quagliariello, the Finance Director, gave the preliminary budget presentation. She started with a warning that the numbers in the budget might change and an acknowledgement that no tax increases are recommended on a township level. Ms. Quagliariello discussed the draft budget including increases to insurance coverage costs and fire company contributions.

Supervisor DeLello thanked the staff for their attention and tracking the numbers from the budget. He then asked for more specific information about line items labeled “other”. He also stated that the Board should look into additional administrative staffing. Mr. DeLello noted that the audit recommended having a separation of financial duties, but acknowledged it is tough with such a small staff.

Mr. DeMeno stated that he is conducting an internal review of this.

Supervisor DeLello also stated that interest rates will go down and the budget is a moving target in this area.

Supervisor Quigley acknowledged that the township might need to hire more staff. He also noted that the old Dutchie Church should be addressed in the next year. Supervisor Quigley added that there was a possibility of a new high school being built in the township by Methacton School District.

Supervisor DeLello asked how information is being shared with the public related to the budget. Ms. Quagliariello stated that the draft budget information is in the packet and on the website. Supervisor DeLello asked that more copies be available at the next meeting as well.

Supervisor Quigley added that the township will not be paying for the new high school, the school district will be responsible for that.

OTHER BUSINESS

PUBLIC COMMENT

ADJOURNMENT

The meeting was adjourned at 7:54 PM.

DRAFT

**MINUTES
WORCESTER TOWNSHIP BOARD OF SUPERVISORS
BUSINESS MEETING
WORCESTER TOWNSHIP COMMUNITY HALL
September 18, 2024 - 7:00 PM**

CALL TO ORDER

The meeting was called to order at 7:01 PM by Chairman DeLello.

PLEDGE OF ALLEGIANCE

ATTENDANCE

All members of the Board of Supervisors were present.

ANNOUNCEMENTS:

The Assistant Township Manager stated that the meeting was being recorded for future broadcast and informed the public of an executive session that occurred on August 28, 2024 concerning legal matters.

PUBLIC COMMENT

Bill McGrane spoke on park usage and the information based on that. He also spoke on the fire training center that was proposed on Nike Park and possible fallout from an equipment storage facility.

Supervisor DeLello responded that the township is looking into the allowability of facilities on Nike Park.

Mr. McGrane also stated that he feels the meeting minutes did not meet Sunshine Act requirements.

Burt Hynes commented on the location and need of a bandshell.

Supervisor DeLello responded that it was budgeted last year and some preliminary work was done but, there was nothing built.

Supervisor Quigley also stated that even though other townships have them Worcester might benefit from an additional community amenity.

OFFICIAL ACTION ITEMS

Consent Agenda

There was some discussion on meeting minutes by the Board of Supervisors. This was an attempt to address the concerns of Mr. McGrane. Wendy McKenna, the township solicitor, informed the Board that the minutes were compliant from a legal stand point.

The Board asked for staff to include more detail in the future.

A motion to approve a consent agenda that includes the following items:

- i. August 21st Work Session Meeting minutes;
- ii. August 21st Business Meeting minutes;
- iii. Treasurer's Report and other Monthly Reports for August 2024; and
- iv. bill payment for August 2024

was made by Supervisor Betz and seconded by Supervisor Quigley.

Bill McGrane read the legal requirements for the meeting minutes.

Deb Walker asked how long the meeting videos exist. Supervisor DeLello shared that the meeting videos should exist in perpetuity and will exist for a long time. Supervisor Quigley stated that the videos help clarify the statements.

Christine Steere stated concern on meeting videos being lost.

Bob Andorn pointed out a spelling mistake and also made comment on the lack of information about the bills.

The motion was approved unanimously.

MOTION

a) Environmental Engineer Appointment

Supervisor DeLello gave background and stated that there were more proposals.

Supervisor Betz gave his support to Earth Engineering

Supervisor Quigley asked for professional staff to give their opinion as he does not have experience with any environmental engineer.

Township Manager Dan DeMeno stated that all of the engineers are qualified and have experience in the area. John Evarts, township engineer, agreed that all proposals were adequate.

Supervisor Betz made a motion to contract with Earth Engineering as the Township Environmental Engineer. Supervisor Quigley seconded. The motion passed without objection.

b) Church Road Parking

Supervisor DeLello gave background on the vision issues on Church Road and stated that a traffic study found cause to create a no parking zone on Church Road. Ms. McKenna stated that this would advertise the ordinance and the adoption would occur next month.

Supervisor Quigley pointed out that the people in the township that attended a prior Board meeting were kind and understood the problem that the truck owner was having.

Supervisor Betz made a motion to advertise the ordinance for no parking on Church Road. Seconded by Supervisor Quigley.

Bob Andorn asked if the study is available. Mr. Andorn also stated concern about the enforcement of this ordinance.

Supervisor Quigley responded that the state police would not enforce this. He also asked to hold the executive session scheduled for the next day after the meeting tonight.

Supervisor DeLello informed the public that the executive session would be after tonight's meeting and it would concern personnel matters.

The motion to advertise passed without objection.

OTHER BUSINESS

PUBLIC COMMENT

Bill McGrane commented on inconsistencies between two open space documents used by the planning commission.

ADJOURNMENT

The meeting was adjourned at 7:57 PM.

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures - Standard

Revenue Account Range: First to Last
Expend Account Range: First to Last
Print Zero YTD Activity: No

Include Non-Anticipated: No
Include Non-Budget: No

Year To Date As Of: 09/30/24
Current Period: 09/01/24 to 09/30/24
Prior Year: Thru 12/31/23

<i>Revenue Account</i>	<i>Description</i>	<i>Prior Yr Rev</i>	<i>Anticipated</i>	<i>Curr Rev</i>	<i>YTD Rev</i>	<i>Excess/Deficit</i>	<i>% Real</i>
001-301-100-000	Property Taxes- Current	50,576.05	43,990.00	184.93	51,101.63	7,111.63	116
001-301-500-000	Property Taxes- Liened	785.07	500.00	44.91	688.62	188.62	138
001-301-600-000	Property Taxes- Interim	872.82	200.00	41.86	211.84	11.84	106
	301 Total	52,233.94	44,690.00	271.70	52,002.09	7,312.09	116
001-310-030-000	Per Capita Taxes- Delinquent	113.30	120.00	2.20	66.00	54.00 -	55
001-310-100-000	Real Estate Transfer Taxes	698,489.99	250,000.00	53,588.60	307,309.73	57,309.73	123
001-310-210-000	Earned Income Taxes	3,616,329.60	3,400,000.00	179,299.59	2,203,068.39	1,196,931.61 -	65
001-310-220-000	Earned Income Taxes- Prior Year	0.00	25.00	0.00	0.00	25.00 -	0
	310 Total	4,314,932.89	3,650,145.00	232,890.39	2,510,444.12	1,139,700.88 -	68
001-321-800-000	Franchise Fees	209,405.71	188,000.00	0.00	102,207.91	85,792.09 -	54
001-322-820-000	Road Opening Permits	901.00	300.00	53.00	318.00	18.00	106
001-322-900-000	Sign Permits	167.50	100.00	0.00	28.00	72.00 -	28
001-322-920-000	Solicitation Permits	532.00	500.00	0.00	588.00	88.00	118
	322 Total	1,600.50	900.00	53.00	934.00	34.00	103
001-331-120-000	Ordinance Violations	2,492.14	1,600.00	550.69	6,111.24	4,511.24	382
001-341-000-000	Interest Earnings	16,691.98	4,000.00	2,038.83	11,963.93	7,963.93	299
001-342-000-000	Rents & Royalties	22,627.62	21,167.37	1,773.16	17,147.89	4,019.48 -	81
001-342-120-000	Cell Tower Rental	145,186.51	165,900.00	13,192.86	119,098.40	46,801.60 -	72
	342 Rents & Royalties	167,814.13	187,067.37	14,966.02	136,246.29	50,821.08 -	72
001-355-010-000	Public Utility Realty Tax	3,384.33	3,384.33	0.00	0.00	3,384.33 -	0
001-355-040-000	Alcohol License Fees	600.00	600.00	400.00	600.00	0.00	100

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

10/10/2024
10:20 AM

<u>Revenue Account</u>	<u>Description</u>	<u>Prior Yr Rev</u>	<u>Anticipated</u>	<u>Curr Rev</u>	<u>YTD Rev</u>	<u>Excess/Deficit</u>	<u>% Real</u>
001-355-050-000	General Municipal Pension State Aid	45,040.40	45,040.40	88,081.77	88,081.77	43,041.37	196
001-355-070-000	Volunteer Fire Relief Association	102,451.40	102,451.40	105,949.04	105,949.04	3,497.64	103
	355 Total	151,476.13	151,476.13	194,430.81	194,630.81	43,154.68	128
001-361-300-000	Land Development Fees	750.00	3,000.00	2,000.00	2,500.00	500.00 -	83
001-361-330-000	Conditional Use Fees	1,000.00	900.00	0.00	0.00	900.00 -	0
001-361-340-000	Zoning Hearing Board Fees	15,300.00	16,150.00	3,250.00	16,075.00	75.00 -	100
001-361-500-000	Map And Publication Sales	0.00	5.00	0.00	66.25	61.25	***
	361 Total	17,050.00	20,055.00	5,250.00	18,641.25	1,413.75 -	92
001-362-410-000	Building Permit Fees	114,654.08	75,000.00	29,649.40	120,614.84	45,614.84	161
001-362-420-000	Zoning Permit Fees	22,797.00	19,500.00	2,919.00	24,414.00	4,914.00	125
001-362-450-000	Commercial U&O Fees	400.00	200.00	0.00	500.00	300.00	250
001-362-460-000	Driveway Permit Fees	1,147.00	500.00	196.00	1,064.00	564.00	213
	362 Total	138,998.08	95,200.00	32,764.40	146,592.84	51,392.84	153
001-367-408-000	Sports & Lesson Fees	1,903.00	3,000.00	210.00	1,715.00	1,285.00 -	57
001-367-420-000	Park Miscellaneous	13,019.75	13,400.00	375.00	22,447.50	9,047.50	168
	367 Total	14,922.75	16,400.00	585.00	24,162.50	7,762.50	147
001-381-000-000	Miscellaneous Income	80,926.26	1,000.00	0.00	15,714.76	14,714.76	***
001-381-001-000	Service Charge Fees	312.59	225.00	31.93	203.45	21.55 -	90
	381 Miscellaneous Income	81,238.85	1,225.00	31.93	15,918.21	14,693.21	***
001-383-200-000	Escrow Administration	1,320.00	880.00	0.00	990.00	110.00	112
001-395-000-000	Refund of Prior Year Expenditures	80.44	0.00	0.00	0.00	0.00	0
	Fund 001 Revenue Totals	5,170,257.54	4,361,638.50	483,832.77	3,220,845.19	1,140,793.31 -	73

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

10/10/2024
10:20 AM

<i>Expenditure Account</i>	<i>Description</i>	<i>Prior Yr Expd</i>	<i>Budgeted</i>	<i>Current Expd</i>	<i>YTD Expended</i>	<i>Unexpended</i>	<i>% Expd</i>
001-400-000-000	LEGISLATIVE BODY:	0.00	0.00	0.00	0.00	0.00	0
001-400-110-000	Legislative- Payroll	7,500.00	7,500.00	630.00	5,670.00	1,830.00	76
001-400-150-000	Legislative- Benefits	27,854.18	55,210.98	3,421.11	24,769.59	30,441.39	45
001-400-312-000	Legislative- Consultant Services	36,687.50	22,750.00	0.00	32,600.00	9,850.00 -	143
001-400-337-000	Legislative- Mileage Reimbursement	0.00	400.00	0.00	353.76	46.24	88
001-400-420-000	Legislative- Dues & Subscriptions	5,776.00	4,625.00	0.00	523.00	4,102.00	11
001-400-460-000	Legislative- Meetings & Seminars	3,480.49	5,175.00	0.00	4,530.57	644.43	88
	400 LEGISLATIVE BODY:	81,298.17	95,660.98	4,051.11	68,446.92	27,214.06	72
001-401-000-000	MANAGER:	0.00	0.00	0.00	0.00	0.00	0
001-401-120-000	Management- Payroll	210,101.65	219,000.00	30,558.74	201,306.85	17,693.15	92
001-401-150-000	Management- Benefits	51,246.62	53,257.20	3,659.61	28,366.53	24,890.67	53
001-401-312-000	Management- Consultant Services	4,000.00	9,950.00	0.00	5,904.60	4,045.40	59
001-401-321-000	Management- Mobile Phone	1,348.58	1,380.00	107.96	968.94	411.06	70
001-401-337-000	Management- Mileage Reimbursement	5,362.42	5,160.00	1,530.00	7,513.49	2,353.49 -	146
001-401-460-000	Management- Meetings & Seminars	7,218.53	7,260.00	143.18	4,232.10	3,027.90	58
	401 MANAGER:	279,277.80	296,007.20	35,999.49	248,292.51	47,714.69	84
001-402-000-000	FINANCIAL ADMINISTRATION:	0.00	0.00	0.00	0.00	0.00	0
001-402-120-000	Finance- Payroll	84,892.77	89,250.00	6,865.38	63,499.78	25,750.22	71
001-402-150-000	Finance- Benefits	40,848.33	54,592.47	3,586.91	29,900.05	24,692.42	55
001-402-321-000	Finance- Mobile Phone	225.00	300.00	25.00	225.00	75.00	75
001-402-337-000	Finance- Mileage Reimbursement	234.63	250.00	0.00	114.57	135.43	46
001-402-460-000	Finance- Meeting & Seminars	115.00	1,300.00	0.00	493.85	806.15	38
	402 FINANCIAL ADMINISTRATION:	126,315.73	145,692.47	10,477.29	94,233.25	51,459.22	65
001-403-000-000	TAX COLLECTION:	0.00	0.00	0.00	0.00	0.00	0
001-403-110-000	Tax Collection- Payroll	2,780.70	2,234.50	0.00	2,644.53	410.03 -	118

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

10/10/2024
10:20 AM

<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
001-403-150-000	Tax Collection- Benefits	212.72	122.26	0.00	202.31	80.05 -	165
001-403-210-000	Tax Collection- Office Supplies	5,544.29	6,050.00	0.00	4,661.31	1,388.69	77
001-403-310-000	Tax Collection- Professional Services	36,912.34	37,400.28	1,782.81	30,893.67	6,506.61	83
	403 TAX COLLECTION:	45,450.05	45,807.04	1,782.81	38,401.82	7,405.22	84
001-404-000-000	LEGAL SERVICES:	0.00	0.00	0.00	0.00	0.00	0
001-404-310-000	Legal- General Services	279,943.05	181,263.50	24,321.25	192,055.96	10,792.46 -	106
001-404-320-000	Legal- RTK Services	0.00	12,000.00	0.00	0.00	12,000.00	0
	404 LEGAL SERVICES:	279,943.05	193,263.50	24,321.25	192,055.96	1,207.54	99
001-405-000-000	CLERICAL:	0.00	0.00	0.00	0.00	0.00	0
001-405-140-000	Clerical- Payroll	77,504.45	105,260.40	7,695.00	68,103.70	37,156.70	65
001-405-150-000	Clerical- Benefits	23,223.42	36,605.43	1,332.20	11,721.88	24,883.55	32
001-405-210-000	Clerical- Office Supplies	4,835.19	6,700.00	152.63	2,562.04	4,137.96	38
001-405-310-000	Payroll Services	12,077.80	13,500.00	1,054.79	9,286.91	4,213.09	69
001-405-321-000	Clerical- Telephone	4,139.02	4,893.00	249.60	2,466.92	2,426.08	50
001-405-325-000	Clerical- Postage	4,034.48	5,619.00	247.99	3,021.03	2,597.97	54
001-405-337-000	Clerical- Mileage Reimbursement	0.00	240.00	0.00	0.00	240.00	0
001-405-340-000	Clerical- Advertisement	4,314.94	6,900.00	98.34	2,596.86	4,303.14	38
001-405-460-000	Clerical- Meetings & Seminars	0.00	2,540.00	67.00	579.94	1,960.06	23
001-405-465-000	Clerical- Computer Expense	63,336.73	95,426.00	6,331.53	56,863.56	38,562.44	60
001-405-470-000	Clerical- Other Expense	11,502.76	14,370.00	899.71	8,654.77	5,715.23	60
	405 CLERICAL:	204,968.79	292,053.83	18,128.79	165,857.61	126,196.22	57
001-408-000-000	ENGINEERING SERVICES:	0.00	0.00	0.00	0.00	0.00	0
001-408-310-000	Engineering Services	63,567.74	41,250.00	6,438.24	55,587.44	14,337.44 -	135
001-409-000-000	GOVERNMENT BUILDINGS & PLANT:	0.00	0.00	0.00	0.00	0.00	0
001-409-136-000	Administration- Utilities	9,373.72	11,964.00	576.58	5,813.67	6,150.33	49

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001-409-137-000	Administration- Maintenance & Repairs	13,868.89	19,416.00	1,221.61	13,350.33	6,065.67	69
001-409-142-000	Administration- Alarm Service	3,276.68	4,632.00	254.43	3,518.92	1,113.08	76
001-409-147-000	Administration- Other Expenses	992.61	2,520.00	29.95	1,214.30	1,305.70	48
001-409-236-000	Garage- Utilities	13,666.75	15,540.00	821.00	8,933.40	6,606.60	57
001-409-237-000	Garage- Maintenance & Repairs	9,800.67	12,732.00	932.18	7,690.90	5,041.10	60
001-409-242-000	Garage- Alarm Service	1,742.45	2,892.00	164.40	1,556.44	1,335.56	54
001-409-247-000	Garage- Other Expenses	1,124.88	1,740.00	23.96	1,268.54	471.46	73
001-409-436-000	Community Hall- Utilities	6,971.62	6,396.00	394.46	3,670.41	2,725.59	57
001-409-437-000	Community Hall- Maintenance & Repairs	5,303.80	6,960.00	525.60	4,099.66	2,860.34	59
001-409-447-000	Community Hall- Other Expenses	122.24	660.00	0.00	89.51	570.49	14
001-409-536-000	Historical Bldg- Utilities	3,020.48	5,352.50	47.47	51.57	5,404.07	1
001-409-537-000	Historical Bldg- Maintenance & Repairs	777.41	1,848.00	0.00	1,150.86	697.14	62
001-409-636-000	Hollow Rd Rental- Utilities	0.00	250.00	0.00	0.00	250.00	0
001-409-637-000	Hollow Rd Rental- Maintenance & Repairs	245.00	4,248.00	0.00	249.00	3,999.00	6
001-409-737-000	Springhouse- Maintenance & Repairs	0.00	1,000.00	0.00	0.00	1,000.00	0
001-409-836-000	Dutchy Church- Utilities	117.37	600.00	40.09	327.16	272.84	55
	409 GOVERNMENT BUILDINGS & PLANT:	70,404.57	98,750.50	5,031.73	52,881.53	45,868.97	54
001-411-000-000	FIRE:	0.00	0.00	0.00	0.00	0.00	0
001-411-380-000	Fire Protection- Hydrant Rentals	20,107.95	30,849.00	1,086.05	7,832.84	23,016.16	25
001-411-540-000	Fire Protection- WVFD Contributions	386,352.40	467,847.40	0.00	356,696.00	111,151.40	76
	411 FIRE:	406,460.35	498,696.40	1,086.05	364,528.84	134,167.56	73
001-413-000-000	UCC & CODE ENFORCEMENT:	0.00	0.00	0.00	0.00	0.00	0
001-413-110-000	Fire Marshal- Payroll	8,315.50	16,380.00	0.00	4,215.00	12,165.00	26
001-413-110-150	Fire Marshal- Benefits	5,061.48	5,694.71	0.00	2,532.72	3,161.99	44
001-413-150-000	Code Enforcement- Benefits	0.00	252.75	0.00	0.00	252.75	0
001-413-210-000	Code Enforcement- Supplies	1,195.00	7,805.00	0.00	1,220.00	6,585.00	16

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

10/10/2024
10:20 AM

<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
001-413-312-000	Code Enforcement- Consultant Services	62,645.00	82,990.80	4,420.00	34,748.00	48,242.80	42
001-413-321-000	Code Enforcement- Mobile Phone	262.86	300.00	27.53	247.77	52.23	83
001-413-337-000	Code Enforcement- Mileage Reimbursement	0.00	840.00	0.00	0.00	840.00	0
001-413-460-000	Code Enforcement- Meetings & Seminars	0.00	400.00	0.00	0.00	400.00	0
	413 UCC & CODE ENFORCEMENT:	77,479.84	114,663.26	4,447.53	42,963.49	71,699.77	37
001-414-000-000	PLANNING & ZONING:	0.00	0.00	0.00	0.00	0.00	0
001-414-140-000	Zoning- Payroll	2,400.00	4,400.00	200.00	1,550.00	2,850.00	35
001-414-150-000	Zoning- Benefits	183.75	337.04	15.32	118.70	218.34	35
001-414-310-000	Zoning- Professional Services	14,114.00	11,400.00	1,428.00	11,154.00	246.00	98
001-414-313-000	Zoning- Engineering	0.00	1,500.00	0.00	308.12	1,191.88	21
001-414-314-000	Zoning- Legal	34,326.12	36,100.00	4,360.00	26,720.00	9,380.00	74
001-414-315-000	Zoning- Conditional Use	0.00	8,700.00	0.00	1,634.00	7,066.00	19
001-414-341-000	Zoning- Advertisement	4,063.25	4,725.00	429.54	3,566.10	1,158.90	75
001-414-460-000	Zoning- Meetings & Seminars	0.00	200.00	0.00	0.00	200.00	0
	414 PLANNING & ZONING:	55,087.12	67,362.04	6,432.86	45,050.92	22,311.12	67
001-419-000-000	OTHER PUBLIC SAFETY:	0.00	0.00	0.00	0.00	0.00	0
001-419-242-000	PA One Call	2,801.16	2,580.00	30.63	579.66	2,000.34	22
001-430-000-000	PUBLIC WORKS - ADMIN:	0.00	0.00	0.00	0.00	0.00	0
001-430-140-000	Public Works- Payroll	517,777.64	602,837.46	42,909.01	376,129.88	226,707.58	62
001-430-150-000	Public Works- Benefits	264,482.47	354,639.51	23,333.00	193,831.86	160,807.65	55
001-430-238-000	Public Works- Uniforms	7,930.61	9,200.00	512.56	5,278.82	3,921.18	57
001-430-326-000	Public Works- Mobile phones	596.30	672.00	42.22	379.98	292.02	57
001-430-460-000	Public Works- Meetings & Seminars	270.00	1,900.00	0.00	270.00	1,630.00	14
001-430-470-000	Public Works- Other Expenses	1,977.00	1,615.00	0.00	1,682.00	67.00 -	104
	430 PUBLIC WORKS - ADMIN:	793,034.02	970,863.97	66,796.79	577,572.54	393,291.43	59

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

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<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
001-432-000-000	WINTER MAINTENANCE- SNOW REMOVAL:	0.00	0.00	0.00	0.00	0.00	0
001-432-200-000	Snow Removal- Materials	9,194.96	40,625.00	0.00	21,526.89	19,098.11	53
001-432-450-000	Snow Removal- Contractor	0.00	1,500.00	0.00	0.00	1,500.00	0
	432 WINTER MAINTENANCE- SNOW REMOVA	9,194.96	42,125.00	0.00	21,526.89	20,598.11	51
001-433-000-000	TRAFFIC CONTROL DEVICES:	0.00	0.00	0.00	0.00	0.00	0
001-433-313-000	Traffic Signal- Engineering	4,051.02	5,000.00	0.00	8,921.72	3,921.72 -	178
001-433-361-000	Traffic Signal- Electricity	4,891.65	4,740.00	376.47	2,765.05	1,974.95	58
001-433-374-000	Traffic Signal- Maintenance	11,636.14	11,400.00	260.00	6,160.31	5,239.69	54
	433 TRAFFIC CONTROL DEVICES:	20,578.81	21,140.00	636.47	17,847.08	3,292.92	84
001-437-000-000	REPAIRS OF TOOLS AND MACHINERY:	0.00	0.00	0.00	0.00	0.00	0
001-437-250-000	Machinery & Tools- Vehicle Maintenance	67,357.31	82,200.00	24,249.10	72,661.81	9,538.19	88
001-437-260-000	Machinery & Tools- Small Tools	4,199.26	16,000.00	1,372.40	5,737.63	10,262.37	36
	437 REPAIRS OF TOOLS AND MACHINERY:	71,556.57	98,200.00	25,621.50	78,399.44	19,800.56	80
001-438-000-000	ROADS & BRIDGES:	0.00	0.00	0.00	0.00	0.00	0
001-438-231-000	Gasoline	5,800.34	5,500.00	423.47	4,846.92	653.08	88
001-438-232-000	Diesel Fuel	20,439.17	29,176.52	1,899.13	17,245.62	11,930.90	59
001-438-242-000	Road Signs	2,582.80	3,000.00	148.67	3,248.07	248.07 -	108
001-438-245-000	Road Supplies	31,303.89	56,500.00	0.00	19,324.31	37,175.69	34
001-438-313-000	Engineering	18,086.33	25,000.00	71.00	10,640.21	14,359.79	43
001-438-370-000	Road Program- Contractor	0.00	13,500.00	0.00	0.00	13,500.00	0
	438 ROADS & BRIDGES:	78,212.53	132,676.52	2,542.27	55,305.13	77,371.39	42
001-446-000-000	STORM WATER MANAGEMENT:	0.00	0.00	0.00	0.00	0.00	0
001-446-313-000	Stormwater Management- Engineering	5,882.91	37,000.00	4,017.50	15,480.75	21,519.25	42
001-452-000-000	PARTICIPANT RECREATION:	0.00	0.00	0.00	0.00	0.00	0

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

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<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
001-452-248-000	Camps & Sport Leagues	1,800.00	2,800.00	0.00	840.00	1,960.00	30
001-452-250-000	Community Day	0.00	13,000.00	3,955.00	10,990.06	2,009.94	85
001-452-520-000	Library	8,444.00	8,866.00	0.00	0.00	8,866.00	0
	452 PARTICIPANT RECREATION:	10,244.00	24,666.00	3,955.00	11,830.06	12,835.94	48
001-454-000-000	PARKS:	0.00	0.00	0.00	0.00	0.00	0
001-454-436-000	Heebner Park- Utilities	7,412.13	3,456.00	0.00	2,447.41	1,008.59	71
001-454-437-001	Heebner Park- Athletic Fields	6,375.93	15,800.00	1,295.50	5,486.73	10,313.27	35
001-454-437-002	Heebner Park- Expenses	6,444.85	8,000.00	796.21	5,153.49	2,846.51	64
001-454-438-001	Mount Kirk Park- Athletic Fields	638.00	3,700.00	0.00	566.00	3,134.00	15
001-454-438-002	Mount Kirk Park- Expenses	2,354.20	1,550.00	375.74	1,058.64	491.36	68
001-454-438-003	Mount Kirk Park- Utilities	1,930.73	1,050.00	181.07	2,085.04	1,035.04	199
001-454-439-001	Sunny Brook Park- Athletic Fields	1,379.02	4,700.00	0.00	1,565.71	3,134.29	33
001-454-439-002	Sunny Brook Park- Expenses	1,519.56	3,602.00	463.30	2,099.27	1,502.73	58
001-454-446-000	Sunny Brook Park- Utilities	1,543.20	1,860.00	0.00	1,116.79	743.21	60
001-454-470-000	Heyser Park- Horse Ring	0.00	500.00	0.00	575.00	75.00	115
001-454-471-000	Heyser Park- Expenses	65.29	350.00	0.00	0.00	350.00	0
001-454-480-000	Trail Expenses	4,380.71	2,850.00	240.39	913.68	1,936.32	32
001-454-490-000	Other Parks	2,191.29	9,320.00	212.43	2,153.69	7,166.31	23
	454 PARKS:	36,234.91	56,738.00	3,564.64	25,221.45	31,516.55	44
001-459-000-000	PUBLIC RELATIONS:	0.00	0.00	0.00	0.00	0.00	0
001-459-340-000	Public Relations- Community Newsletter	22,423.67	22,900.00	4,467.79	11,164.22	11,735.78	49
001-459-341-000	Public Relations- Other Communications	2,248.14	1,600.00	0.00	0.00	1,600.00	0
	459 PUBLIC RELATIONS:	24,671.81	24,500.00	4,467.79	11,164.22	13,335.78	46
001-481-000-000	EMPLOYER PAID BENEFITS AND WITHHOLDII	0.00	0.00	0.00	0.00	0.00	0
001-481-430-000	Inter Gov- Real Estate Taxes	0.00	0.00	6,703.20	0.00	0.00	0

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
001-486-000-000	INSURANCE:	0.00	0.00	0.00	0.00	0.00	0
001-486-350-000	Insurances	102,547.80	129,619.40	2,178.00	83,832.00	45,787.40	65
001-492-300-000	Transfer To Capital Fund	1,894,934.19	934,956.73	0.00	0.00	934,956.73	0
Fund 001 Expenditure Totals		4,740,146.88	4,364,272.84	225,304.54	2,267,059.51	2,097,213.33	52

001 Fund	Prior	Current	YTD
Revenues:	5,170,257.54	483,832.77	3,220,845.19
Expenditures:	4,740,146.88	225,304.54	2,267,059.51
Net Income:	430,110.66	258,528.23	953,785.68

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

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<u>Revenue Account</u>	<u>Description</u>	<u>Prior Yr Rev</u>	<u>Anticipated</u>	<u>Curr Rev</u>	<u>YTD Rev</u>	<u>Excess/Deficit</u>	<u>% Real</u>
008-341-000-000	Interest Earnings	61,070.57	10,000.00	5,876.96	53,631.78	43,631.78	536
008-351-100-000	ARPA Funds	373,323.68	0.00	0.00	0.00	0.00	0
008-364-110-000	Tapping Fees	44,900.00	48,577.62	614.07	27,408.64	21,168.98 -	56
008-364-120-000	Sewer Fees- Residential	595,877.22	599,148.56	8,219.59	463,936.44	135,212.12 -	77
008-364-130-000	Sewer Fees- Commercial	164,923.22	145,000.00	14,449.64	128,970.72	16,029.28 -	89
008-364-140-000	Late Fees	9,775.43	7,500.00	831.80	7,949.00	449.00	106
008-364-150-000	Certification Fees	925.00	1,000.00	175.00	850.00	150.00 -	85
	364 Total	816,400.87	801,226.18	24,290.10	629,114.80	172,111.38 -	78
008-381-000-000	Miscellaneous Income	0.00	25.00	0.00	395,907.88	395,882.88	***
008-395-000-000	Refund of Prior Year Expenditures	61.89	0.00	0.00	0.00	0.00	0
	Fund 008 Revenue Totals	1,250,857.01	811,251.18	30,167.06	1,078,654.46	267,403.28	132
<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
008-429-000-000	WASTWATER COLLECTION AND TREATMENT	0.00	0.00	0.00	0.00	0.00	0
008-429-242-000	Alarm Services	551.88	1,232.00	0.00	601.55	630.45	49
008-429-300-000	Other Expenses	195,942.71	197,520.00	12,318.23	170,648.37	26,871.63	86
008-429-313-000	Engineering	3,034.75	12,500.00	0.00	4,931.00	7,569.00	39
008-429-314-000	Legal	7,525.53	10,000.00	150.00	3,558.88	6,441.12	36
008-429-316-000	Plant Operations	87,422.75	89,434.80	7,262.50	59,900.00	29,534.80	67
008-429-321-000	Telephone	983.60	1,080.00	84.41	771.07	308.93	71
008-429-361-000	Utilities	159,850.04	138,288.00	10,542.54	84,244.18	54,043.82	61
008-429-374-000	Equipment & Repairs	13,838.46	27,852.00	171.88	25,072.55	2,779.45	90
008-429-421-001	Center Point- Operations	5,910.00	6,388.20	492.50	3,940.00	2,448.20	62
008-429-421-002	Center Point- Utilities & Repairs	7,623.97	7,272.00	436.64	3,679.39	3,592.61	51
008-429-422-001	Meadowood- Operations	6,605.25	6,388.20	492.50	3,940.00	2,448.20	62
008-429-422-002	Meadowood- Utilities & Repairs	4,192.31	6,660.00	321.04	2,595.89	4,064.11	39
008-429-423-001	Heritage Village- Operations	5,910.00	6,388.20	492.50	3,940.00	2,448.20	62

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
008-429-423-002	Heritage Village- Utilities & Repairs	4,042.12	6,648.00	215.62	2,532.97	4,115.03	38
008-429-424-001	Fawn Creek- Operations	6,013.00	6,388.20	492.50	4,885.00	1,503.20	76
008-429-424-002	Fawn Creek- Utilities & Repairs	3,750.21	5,652.00	342.83	2,652.17	2,999.83	47
008-429-425-001	Chadwick Place- Operations	5,910.00	6,388.20	492.50	3,940.00	2,448.20	62
008-429-425-002	Chadwick Place- Utilities & Repairs	3,119.42	5,520.00	184.45	2,222.59	3,297.41	40
008-429-426-001	Adair Pump- Operations	5,910.00	6,388.20	492.50	3,940.00	2,448.20	62
008-429-426-002	Adair Pump- Utilities & Repairs	3,314.63	4,680.00	214.30	2,325.18	2,354.82	50
008-429-700-000	Capital Improvements	491,263.87	67,800.00	7,107.65	67,857.25	57.25 -	100
008-429-800-000	Depreciation	319,169.00	0.00	0.00	0.00	0.00	0
	429 WASTWATER COLLECTION AND TREATM	1,341,883.50	620,468.00	42,307.09	458,178.04	162,289.96	74
008-471-000-000	DEBT PRINCIPAL:	0.00	0.00	0.00	0.00	0.00	0
008-471-200-000	General Obligation Bond- Principal	0.00	130,000.00	0.00	0.00	130,000.00	0
008-472-000-000	DEBT INTEREST:	0.00	0.00	0.00	0.00	0.00	0
008-472-200-000	General Obligation Bond- Interest	38,376.26	41,431.26	0.00	18,278.13	23,153.13	44
008-475-000-000	Fiscal Agent Fees- 2016 Bond	1,050.00	1,100.00	0.00	1,050.00	50.00	95
008-486-000-000	INSURANCE:	0.00	0.00	0.00	0.00	0.00	0
008-486-350-000	Insurance Expense	5,001.20	6,689.50	0.00	6,689.50	0.00	100
	Fund 008 Expenditure Totals	1,386,310.96	799,688.76	42,307.09	484,195.67	315,493.09	61

008 Fund	Prior	Current	YTD
Revenues:	1,250,857.01	30,167.06	1,078,654.46
Expenditures:	1,386,310.96	42,307.09	484,195.67
Net Income:	135,453.95 -	12,140.03 -	594,458.79

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

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<u>Revenue Account</u>	<u>Description</u>	<u>Prior Yr Rev</u>	<u>Anticipated</u>	<u>Curr Rev</u>	<u>YTD Rev</u>	<u>Excess/Deficit</u>	<u>% Real</u>
030-341-000-000	Interest Earnings	820,334.39	960,000.00	71,822.39	679,902.62	280,097.38 -	71
030-354-351-000	Grants	802,455.00	382,000.00	0.00	0.00	382,000.00 -	0
030-363-100-000	Traffic Impact Fees	7,954.00	14,204.00	8,948.26	66,183.77	51,979.77	466
030-381-000-000	Miscellaneous Income	49,120.00	2,000.00	0.00	2,000.00	0.00	100
030-392-010-000	Transfer From General Fund	1,894,934.19	934,956.73	0.00	0.00	934,956.73 -	0
030-395-000-000	Refund of Prior Year Expenditures	600.00	0.00	0.00	8,100.00	8,100.00	0
	Fund 030 Revenue Totals	3,575,397.58	2,293,160.73	80,770.65	756,186.39	1,536,974.34 -	32
<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
030-405-000-000	SECRETARY/CLERK:	0.00	0.00	0.00	0.00	0.00	0
030-405-720-000	Office Equipment	3,229.05	32,000.00	1,025.94	4,587.22	27,412.78	14
030-409-000-000	GOVERNMENT BUILDINGS & PLANTS:	0.00	0.00	0.00	0.00	0.00	0
030-409-600-000	Building Improvements	29,410.42	38,300.00	0.00	2,425.50	35,874.50	6
030-430-600-000	Capital Roads	1,313,895.82	1,398,018.00	1,957.00	442,805.33	955,212.67	32
030-430-740-000	Equipment Purchases	111,997.24	514,710.62	0.00	115,771.00	398,939.62	22
	430 Total	1,425,893.06	1,912,728.62	1,957.00	558,576.33	1,354,152.29	29
030-433-600-000	Traffic Signs & Signals	0.00	15,300.00	0.00	12,228.00	3,072.00	80
030-454-600-000	Parks and Trails	214,565.24	674,800.00	21,169.28	188,159.02	486,640.98	28
030-454-710-000	Land Acquisition	800,441.06	31,000.00	4,432.00	7,803.79	23,196.21	25
	454 Total	1,015,006.30	705,800.00	25,601.28	195,962.81	509,837.19	28
030-471-201-000	Bond principal	27,000.00	0.00	0.00	0.00	0.00	0
030-472-200-000	Loan Interest	82,881.56	0.00	85,692.00	135,808.06	135,808.06 -	0
030-492-010-000	Transfer to General Fund	0.00	0.00	0.00	350,000.00	350,000.00 -	0
030-492-080-000	Transfer to Sewer Fund	25,357.71	0.00	0.00	0.00	0.00	0
	492 Total	25,357.71	0.00	0.00	350,000.00	350,000.00 -	0

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
	Fund 030 Expenditure Totals	2,608,778.10	2,704,128.62	114,276.22	1,259,587.92	1,444,540.70	47

030 Fund	Prior	Current	YTD
Revenues:	3,575,397.58	80,770.65	756,186.39
Expenditures:	2,608,778.10	114,276.22	1,259,587.92
Net Income:	966,619.48	33,505.57 -	503,401.53 -

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

<u>Revenue Account</u>	<u>Description</u>	<u>Prior Yr Rev</u>	<u>Anticipated</u>	<u>Curr Rev</u>	<u>YTD Rev</u>	<u>Excess/Deficit</u>	<u>% Real</u>
035-341-000-000	Interest Earnings	14,282.34	5,000.00	1,824.59	13,603.63	8,603.63	272
035-355-020-000	Liquid Fuel Funds	364,920.35	359,353.93	0.00	357,387.92	1,966.01 -	99
	Fund 035 Revenue Totals	379,202.69	364,353.93	1,824.59	370,991.55	6,637.62	101

<u>Expenditure Account</u>	<u>Description</u>	<u>Prior Yr Expd</u>	<u>Budgeted</u>	<u>Current Expd</u>	<u>YTD Expended</u>	<u>Unexpended</u>	<u>% Expd</u>
035-438-000-000	ROADS & BRIDGES:	0.00	0.00	0.00	0.00	0.00	0
035-438-370-000	Road Maintenance Contractor	347,000.00	350,000.00	0.00	0.00	350,000.00	0
	Fund 035 Expenditure Totals	347,000.00	350,000.00	0.00	0.00	350,000.00	0

035 Fund	Prior	Current	YTD
Revenues:	379,202.69	1,824.59	370,991.55
Expenditures:	347,000.00	0.00	0.00
Net Income:	32,202.69	1,824.59	370,991.55

TOWNSHIP OF WORCESTER
Statement of Revenue and Expenditures

<u>Revenue Account</u>	<u>Description</u>	<u>Prior Yr Rev</u>	<u>Anticipated</u>	<u>Curr Rev</u>	<u>YTD Rev</u>	<u>Excess/Deficit</u>	<u>% Real</u>
040-341-200-000	Interest Earnings Developers	1,237.32	0.00	110.14	1,017.19	1,017.19	0
	Fund 040 Revenue Totals	1,237.32	0.00	110.14	1,017.19	1,017.19	0

040 Fund	<u>Prior</u>	<u>Current</u>	<u>YTD</u>
Revenues:	1,237.32	110.14	1,017.19
Expenditures:	0.00	0.00	0.00
Net Income:	1,237.32	110.14	1,017.19

Grand Totals	<u>Prior</u>	<u>Current</u>	<u>YTD</u>
Revenues:	10,376,952.14	596,705.21	5,427,694.78
Expenditures:	9,082,235.94	381,887.85	4,010,843.10
Net Income:	1,294,716.20	214,817.36	1,416,851.68

Skippack Emergency Medical Services

4058 Mensch Rd
P.O. Box 59
Skippack, PA 19474

Business 610.454.9665
Fax 610.454.9666



Skippack EMS September 2024 calls Worcester Township

Calls dispatched	49
Transported	21
Refusals	5
No services *	3
Fire	0
Covered by other squads (A station off status)	17
Lift assist	1
Recall (by facility (mix up at Meadwood) & 322)^	2

* includes: accidental/false alarm for medical alert alarm, no patient found, deceased, or police matters

^308B and 322 each have coverage areas in Worcester Twp

Public Works Department Report

September 2024

1) Road Maintenance

- A. Cleared inlets and drains throughout the Township
- B. Filled potholes throughout the Township
- C. Adding stone to roadway edge erosion areas
- D. Road signage straightening and pruning
- E. Edge of roadway mowing
- F. 2024 Roadway Improvement Program underway (Punchlist Items)
- G. Intersection visibility pruning
- H. Upgraded guiderail install on Hollow and Kriebel Mill Road's

2) Storm Maintenance

- A. No significant storm events in September

3) Parks

- A. Twice weekly cleaning of restrooms, emptying trash receptacles, and stocking dog bags
- B. Repairing washouts and general trail maintenance
- C. Removal of dead trees on Township properties/parks
- D. Power washing fences
- E. Playing field maintenance
- F. Township property weed spraying (fence lines, bleachers, etc.)
- G. Riparian Buffer clean / prune (Zacharias Trail)
- H. Small pavilion door replacement (Heebner Park)
- I. Fall cleanup
- J. Sink hole repairs

4) Vehicle Maintenance

- A. Performed weekly maintenance of all Township vehicles
- B. 64-30/32/61 Inspection

5) Miscellaneous

- A. Setting up and cleaning of Community Hall for rentals and Township events
- B. Nike Compost facility open to residents twice weekly
- C. Community Day preparation (Event Cancelled)

private utility enterprises, inc.

1000 E Walnut Street, Ste 721
Perkasie, PA 18944

office 215-766-2626
fax 215-766-2424

September 24, 2024

Christian Jones
Township of Worcester
1721 Valley Forge Road
Worcester, PA 19490

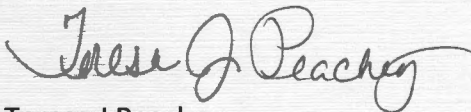
RE: Berwick STP PA0050393 and Valley Green STP PA0050393
Monthly Operation and Maintenance Report for August 2024.

Mr Jones,

Attached, please find the summary of analytical results and operation and maintenance activities for the Berwick and Valley Green sewage treatment plants and collection system.

Please feel free to contact me with questions at the above number.

Thank you,



Teresa J Peachey
Office Manager

Cc: John Scully, President
John Evarts
Jay Finnigan

**Worcester Township WWTP
Operations and Maintenance Report**

August 2024

Non-Routine Maintenance / Events:

Valley Green WWTP

8/13/2024 – Upon arrival found #4 returns not running used submersible pump to pump clarifier water into clogged line to clear clog. Had to run the water through a second time because clog did not clear the first time. (1.5 hr)

8/23/2024 - Found #4 train returns not running used submersible pump in clarifier to pump water into clogged line two times to clear clog. (1.5 hrs)

8/24/2024 - # 3 train return line clogged. Used submersible pump in clarifier to pump water in to clogged line to clear returns. (1hr)

8/24/2024 - Called out for high level influent pump station. Upon arrival found “on” float intermittently working. Pulled float and replaced with new float. Watched station pump down to normal level then watched station cycle 3 times. (3hrs)

Pump Stations

8/01/2024 - Fawn Creek – Called out for high level, replaced all floats. (2hrs)

8/14/2024 – Fawn Creek – Called out for low level, off float was stuck on another float, separated them. (1hr)

8/31/2024 – Adair PS – Called out for pump failure, pump was clogged and cap blew, replaced cap and pulled pump to remove clog. (3hr)



FW: Your eDMR Report Has Been Received For Permit No. PA0055671

From Teresa Peachey <tpeachey@pueinc.com>

Date Thu 9/26/2024 8:30 AM

To Debbie Dunfee <Ddunfee@pueinc.com>

From: depgreenporthelpdesk@state.pa.us <depgreenporthelpdesk@state.pa.us>

Sent: Thursday, September 26, 2024 8:29:48 AM (UTC-05:00) Eastern Time (US & Canada)

To: jscullypue@gmail.com <jscullypue@gmail.com>; tryan@worcestertwp.com <tryan@worcestertwp.com>; jscullypue@gmail.com <jscullypue@gmail.com>

Subject: Your eDMR Report Has Been Received For Permit No. PA0055671

This email is to confirm that the following report was received by DEP through the eDMR system:

Facility Name: BERWICK PLACE STP

Permit Number: PA0055671

Report Frequency: Monthly

Report Type: DMR

Reporting Period: 08/01/2024-08/31/2024

Report Due Date: 09/28/2024

Submitted By: John Scully

Submission Id: 479917

Submission Status: Received

Submission Type: Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

NAME: WORCESTER TWP MONTGOMERY CNTY
 ADDRESS: PO BOX 7671721 VALLEY FORGE RD, WORCESTER, PA , 19490-0767
 FACILITY: BERWICK PLACE STP
 LOCATION: E MT KIRK RD, WORCESTER, PA , 19490-0767
 STAGE: Final Effluent

PA0055671
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 08/01/2024
 DMR Effective To: 08/31/2024
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	08	01	FROM	2024	08	31
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	SAMPLE MEASUREMENT	***	***		6.63	***	***	mg/L	1/day	Grab
	PERMIT REQUIREMENT	***	***		5.0 Daily Min	***	***		1/day	Grab
pH (00400)	SAMPLE MEASUREMENT	***	***		7.31	***	8.39	S.U.	1/day	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 IMAX		1/day	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	<9	2.0	lbs/day	***	<2	3	mg/L	1/week	24-Hr Composite
	PERMIT REQUIREMENT	12.5 Avg Mo	18.8 Wkly Avg		***	10 Avg Mo	15 Wkly Avg		1/week	24-Hr Composite
Total Nitrogen (00600)	SAMPLE MEASUREMENT	<5	***	lbs/day	***	<7.5	***	mg/L	1/week	24-Hr Composite
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	***		***	Monitor & Report Avg Mo	***		1/week	24-Hr Composite
Ammonia-Nitrogen (00610)	SAMPLE MEASUREMENT	.05	.1	lbs/day	***	.1	.1	mg/L	1/week	24-Hr Composite
	PERMIT REQUIREMENT	1.9 Avg Mo	2.9 Wkly Avg		***	1.5 Avg Mo	2.3 Wkly Avg		1/week	24-Hr Composite
Nitrate-Nitrite as N (00630)	SAMPLE MEASUREMENT	<4.3	<6.1	lbs/day	***	<7	<8.65	mg/L	1/week	24-Hr Composite
	PERMIT REQUIREMENT	12.5 Avg Mo	18.8 Wkly Avg		***	10 Avg Mo	15 Wkly Avg		1/week	24-Hr Composite
Total Phosphorus (00665)	SAMPLE MEASUREMENT	.4	***	lbs/day	***	.6	***	mg/L	1/week	24-Hr Composite
	PERMIT REQUIREMENT	.7 Avg Mo	***		***	1.5 Avg Mo	***		1/week	24-Hr Composite



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Ultraviolet light intensity (49607)	SAMPLE MEASUREMENT	***	***		.2	***	***		1/day	Measured
	PERMIT REQUIREMENT	***	***		Monitor & Report Daily Min	***	***	mW/cm ²	1/day	Measured
Flow (50050)	SAMPLE MEASUREMENT	.0652	.0981		***	***	***		Continuous	Metered
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max	MGD	***	***	***		Continuous	Metered
Fecal Coliform (74055)	SAMPLE MEASUREMENT	***	***		***	<2	3		1/week	Grab
	PERMIT REQUIREMENT	***	***		***	200 Geo Mean	1000 IMAX	No./100 ml	1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	SAMPLE MEASUREMENT	<1.2	<1.5		***	<2	<2		1/week	24-Hr Composite
	PERMIT REQUIREMENT	12.5 Avg Mo	18.8 Wkly Avg	lbs/day	***	10 Avg Mo	15 Wkly Avg	mg/L	1/week	24-Hr Composite
Facility Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

NAME: WORCESTER TWP MONTGOMERY CNTY
 ADDRESS: PO BOX 7671721 VALLEY FORGE RD, WORCESTER, PA , 19490-0767
 FACILITY: BERWICK PLACE STP
 LOCATION: E MT KIRK RD, WORCESTER, PA , 19490-0767
 STAGE: Raw Sewage Influent

PA0055671	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 08/01/2024
 DMR Effective To: 08/31/2024
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	08	01	FROM	2024	08	31
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	SAMPLE MEASUREMENT	158	***		***	254	***		1/week	24-Hr Composite
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	***	lbs/day	***	Monitor & Report Avg Mo	***	mg/L	1/week	24-Hr Composite
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	103	***		***	164	***		1/week	24-Hr Composite
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	***	lbs/day	***	Monitor & Report Avg Mo	***	mg/L	1/week	24-Hr Composite
Facility Comments										

ATTACHMENT DETAILS

FILE NAME	ATTACHMENT TYPE	UPLOADED TIME	ATTACHMENT COMMENT
Berwick DMR Aug 2024	Daily Effluent Monitoring Form	9/18/2024 2:52:03 PM	
Berwick Inf Proc Cntl Aug 2024	Influent and Process Control Form	9/18/2024 2:52:26 PM	
Berwick Sludge Form Aug 2024	Sewage Sludge / Biosolids Production and Disposal Form	9/18/2024 2:52:54 PM	
2434805 Inf Eff 8.8.24	Laboratory Analytical Report	9/18/2024 3:01:50 PM	
2432027 Inf Eff 8.1.24	Laboratory Analytical Report	9/18/2024 2:54:13 PM	
2434359 Inf Eff 8.15.24	Laboratory Analytical Report	9/18/2024 3:02:16 PM	
2434360 Inf Eff 8.22.24	Laboratory Analytical Report	9/18/2024 3:02:40 PM	
2434554 Inf Eff 8.29.24	Laboratory Analytical Report	9/18/2024 3:03:14 PM	

COMMENT DETAILS

COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACT NUMBER
	John Scully	S14080	(215)-766-2626

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Berwick Place STP
 Municipality: Worcester Twp County: Montgomery Coun
 Watershed: 3-E
 Laboratories: MJ Reider Associates, Inc

Month: 8 (select number) Year: 2024
 Permit No.: PA0055671 Outfall: 001
 Renewal application due 180 days prior to expiration.
 This permit will expire on: January 31, 2026

Week	Day	Date	Flow	Fecal Coliform	pH	Dissolved Oxygen	CBOD5	TSS	UV Intensity	NO2-N + NO3-N	Total Nitrogen	NH3-N	Total Phosphorus	BOD5	TSS
			1	1	1	1	1	1	1	1	2	1	1	1	RI
Stage			MGD	CFU/100 ml	S.U.	mg/L	mg/L	mg/L	%	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Thu	8/1/24	0.0749	3.0	7.55	7.75	< 2.0	< 1.0	1.1	< 7.18	< 7.68	0.05	0.4	314.0	168.0
	Fri	8/2/24	0.0473		7.81	7.26			0.9						
	Sat	8/3/24	0.0517		7.55	7.12			0.2						
1	Sun	8/4/24	0.0843		7.8	7.23			0.4						
	Mon	8/5/24	0.0575		7.71	6.63			1.2						
	Tue	8/6/24	0.0667		8.25	7.26			1.0						
	Wed	8/7/24	0.0585		7.66	7.51			1.3						
	Thu	8/8/24	0.0896	< 2.0	7.31	8.19	< 2.0	1.0	0.5	< 5.94	< 6.73	0.13	0.53	209.0	157.0
	Fri	8/9/24	0.0539		7.66	7.64			1.0						
	Sat	8/10/24	0.0747		7.64	7.9			0.2						
2	Sun	8/11/24	0.0981		7.47	7.78			0.7						
	Mon	8/12/24	0.05		8.09	7.46			1.2						
	Tue	8/13/24	0.0618		7.95	7.49			1.2						
	Wed	8/14/24	0.0701		7.93	7.81			1.5						
	Thu	8/15/24	0.0788	< 2.0	7.64	7.85	< 2.0	3.0	1.1	< 6.49	< 7.42	0.1	0.57	279.0	183.0
	Fri	8/16/24	0.0646		7.86	7.33			1.1						
	Sat	8/17/24	0.0385		7.89	7.84			1.1						
3	Sun	8/18/24	0.0863		7.83	7.33			1.6						
	Mon	8/19/24	0.0658		7.88	7.22			1.2						
	Tue	8/20/24	0.0609		8.05	7.73			1.1						
	Wed	8/21/24	0.0458		7.89	7.67			1.2						
	Thu	8/22/24	0.0412	< 2.0	7.86	9.23	< 2.0	2.0	1.0	5.94	6.52	0.07	0.63	206.0	136.0
	Fri	8/23/24	0.0879		8.17	9.09			1.2						
	Sat	8/24/24	0.0587		7.79	7.67			0.2						
4	Sun	8/25/24	0.055		7.75	7.48			0.2						
	Mon	8/26/24	0.097		8.39	8.91			1.0						
	Tue	8/27/24	0.0754		7.79	7.34			0.9						
	Wed	8/28/24	0.0521		7.87	6.99			1.2						
	Thu	8/29/24	0.0843	< 2.0	7.8	7.57	< 2.0	< 1.0	1.2	< 8.65	< 9.15	0.05	0.75	261.0	178.0
	Fri	8/30/24	0.0437		7.88	7.33			1.4						
5	Sat	8/31/24	0.0459		7.58	7.31			0.2						

Statistics for DMR																
Daily Minimum (Conc.):	<	2	7.31	6.63	<	2	<	1	0.2	<	5.94	6.52	0.05	0.4	206	136
Daily Maximum (Conc.):		3	8.39	9.23	<	2		3	1.6	<	8.65	9.15	0.13	0.75	314	183
Max Avg Weekly (Conc.):			7.99	<	2		3	1.1	<	9	<	9.15	0.1	0.75	279	183
Avg Monthly (Conc.):			7.64	<	2	<	2	0.9	<	7	<	7.5	0.1	0.6	254	164
Geometric Mean (Conc.):	<	2														
Max Avg Weekly (Load):	0.0693		4	<	1.5		2.0		<	6.1	<	6	0.1	0.5	183	125
Avg Monthly (Load):	0.0652		4	<	1.2	<	0.9		<	4.3	<	5	0.05	0.4	158	103
Total Monthly (Load):	2.021		130	<	38.1	<	29.3		<	132.1	<	145	1.6	10.9	4896	3189
Daily Minimum (Load):	0.0385		3	<	0.7	<	0.6		<	2.0	<	2	0.02	0.2	71	47
Daily Maximum (Load):	0.0981		7	<	1.5		2.0		<	6.1	<	6	0.1	0.5	196	125

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John Scully
 Title: Operator

License No.: S14080
 Date: _____

Facility Name: Berwick Place STP
 Municipality: Worcester Twp County: Montgomery
 Watershed: 3-E

Month: August Year: 2024
 NPDES Permit No.: PA0055671
 Renewal application due 180 days prior to expiration.
 This permit will expire on: January 31, 2026

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0687	314.0	180	168.0	96				
2	0.0548								
3	0.0549								
4	0.091								
5	0.0584								
6	0.065								
7	0.0724								
8	0.0915	209.0	159	157.0	120				
9	0.0568								
10	0.0784								
11	0.0971								
12	0.063								
13	0.0679								
14	0.0784								
15	0.0723	279.0	168	183.0	110				
16	0.0649								
17	0.0432								
18	0.0868								
19	0.0699								
20	0.0595								
21	0.0536								
22	0.0397	206.0	68	136.0	45				
23	0.096								
24	0.0635								
25	0.0462								
26	0.0985								
27	0.0781								
28	0.068								
29	0.0756	261.0	165	178.0	112				
30	0.0505								
31	0.0488								
Avg	0.068	254	148	164	97				
Max	0.099	314	180	183	120				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John Scully
 Title: Operator

License No.: S14080
 Date: _____



**SUPPLEMENTAL REPORT
SEWAGE SLUDGE / BIOSOLIDS PRODUCTION AND DISPOSAL**

Facility Name: Berwick Place STP
 Municipality: Worcester TWP County: Montgomery
 Watershed: 3-E

Month: August Year: 2024
 NPDES Permit No.: PA0055671
 Renewal application due 180 days prior to expiration
 This permit will expire on: January 31, 2026

SEWAGE SLUDGE / BIOSOLIDS PRODUCTION INFORMATION (Identify each off-site removal event and incineration event)

Check here if there were no off-site removal events during the month

Date	Liquid Sewage Sludge/Biosolids			Dewatered Sewage Sludge/Biosolids			Sewage Sludge/Biosolids		
	Hauled Off-site		Dry Tons	Hauled Off-site		Dry Tons	Dewatered and Incinerated On-site		
Gallons	% Solids	Tons Dewatered		% Solids	Tons Dewatered		% Solids	Dry Tons	
8/2/24	8,000	2.00	0.667						
8/8/24	8,000	2.00	0.667						
8/16/24	8,000	2.00	0.667						
8/22/24	8,000	2.00	0.667						
8/29/24	8,000	2.00	0.667						
TOTAL:			3.336	TOTAL:			TOTAL:		

**SEWAGE SLUDGE / BIOSOLIDS AND INCINERATOR ASH DISPOSAL AND BENEFICIAL USE INFORMATION
(Identify all sites where biosolids or ash were disposed or land applied)**

Site Name			
Municipality			
County			
DEP Permit No.			
Type of Material*			
Dry Tons Applied/Disposed			
Type of Disposal/Use*			
Hauler Name	Franc Environmental		

* See Instructions for explanation.

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John Scully
 Title: Operator

License No.: S14080
 Date: _____



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2432027

Report: 08/08/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy

Project Info: Berwick Place STP NPDES - 1x/wk

Reported To: Private Utility Enterprises, Inc.

1000 E. Walnut St. Suite 721

Perkasie, PA 18944

Lab ID: 2432027-01

Collected By: Client

Sampled: 08/01/24 09:35

Received: 08/01/24 13:45

Sample Desc: Berwick Place STP Effluent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.06	mg/L	0.02	EPA 350.1 Rev 2.0	08/02/24		SNF	1.5
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/02/24 12:19	B-03	SXS	10
Nitrate as N	7.08	mg/L	1.00	EPA 300.0 Rev 2.1	08/02/24 17:17		KCS	10
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/02/24 17:17		KCS	
Nitrate+Nitrite as N	<7.18	mg/L	1.10	CALCULATED	08/02/24 17:17		KCS	
Nitrogen, Total	<7.68	mg/L	1.60	CALCULATED	08/05/24 16:35		KMS	
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	08/05/24		KMS	
Phosphorus as P, Total	0.40	mg/L	0.01	SM 4500-P F	08/02/24		SNF	1.5
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	08/02/24		ALD	10

Lab ID: 2432027-02

Collected By: Client

Sampled: 08/01/24 09:35

Received: 08/01/24 13:45

Sample Desc: Berwick Place STP Effluent (Grab)

Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	3	CFU/100mL	2	SM 9222 D	8/1/24 15:58	8/2/24 14:00		ZJB	200

Lab ID: 2432027-03

Collected By: Client

Sampled: 08/01/24 09:40

Received: 08/01/24 13:45

Sample Desc: Berwick Place STP Influent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	314	mg/L	60.0	SM 5210 B	08/02/24 16:42		KXS	
Solids, Total Suspended	168	mg/L	1	SM 2540 D	08/02/24		ALD	



107 Angelica Street ◯ Reading, PA 19611 ◯ www.mjreider.com ◯ (610) 374-5129 ◯ fax (610) 374-7234

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NELAP accredited by PA. (PADEP #06-00003) Visit our website to view our current

NELAC accreditations for various drinking water, wastewater and solid & chemical materials analytes.

Additional accreditations by MD (261)



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2434805

Report: 08/16/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy

Project Info: Berwick Place STP NPDES - 1x/wk

Reported To: Private Utility Enterprises, Inc.

1000 E. Walnut St. Suite 721

Perkasie, PA 18944

Lab ID: 2434805-01

Collected By: Client

Sampled: 08/08/24 09:45

Received: 08/08/24 13:44

Sample Desc: Berwick Place STP Effluent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.13	mg/L	0.02	EPA 350.1 Rev 2.0	08/09/24		SNF	1.5
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/09/24 13:59	B-01	LEH	10
Nitrate as N	5.84	mg/L	1.00	EPA 300.0 Rev 2.1	08/08/24 16:35		KCS	10
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/08/24 16:35		KCS	
Nitrate+Nitrite as N	<5.94	mg/L	1.10	CALCULATED	08/08/24 16:35		KCS	
Nitrogen, Total	<6.73	mg/L	1.60	CALCULATED	08/12/24 16:09		KMS	
Nitrogen, Total Kjeldahl (TKN)	0.79	mg/L	0.50	EPA 351.2 Rev 2.0	08/12/24		KMS	
Phosphorus as P, Total	0.53	mg/L	0.01	SM 4500-P F	08/09/24		SNF	1.5
Solids, Total Suspended	1	mg/L	1	SM 2540 D	08/09/24		BKM	10

Lab ID: 2434805-02

Collected By: Client

Sampled: 08/08/24 09:50

Received: 08/08/24 13:44

Sample Desc: Berwick Place STP Influent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	209	mg/L	40.0	SM 5210 B	08/09/24 10:37	B-01	LEH	
Solids, Total Suspended	157	mg/L	1	SM 2540 D	08/09/24		TMH	

Lab ID: 2434805-03

Collected By: Client

Sampled: 08/08/24 09:45

Received: 08/08/24 13:44

Sample Desc: Berwick Place STP Effluent (Grab)

Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	8/8/24 15:50	8/9/24 14:45		ZJB	200



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Additional accreditations by MD (261)



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2434359

Report: 08/22/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy

Project Info: Berwick Place STP NPDES - 1x/wk

Reported To: Private Utility Enterprises, Inc.

1000 E. Walnut St. Suite 721

Perkasie, PA 18944

Lab ID: 2434359-01

Collected By: Client

Sampled: 08/15/24 09:40

Received: 08/15/24 13:00

Sample Desc: Berwick Place STP Effluent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.10	mg/L	0.02	EPA 350.1 Rev 2.0	08/16/24		SNF	1.5
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/16/24 11:47	B-01, B-02	KMD	10
Nitrate as N	6.39	mg/L	1.00	EPA 300.0 Rev 2.1	08/15/24 15:32		JAF	10
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/15/24 15:32		JAF	
Nitrate+Nitrite as N	<6.49	mg/L	1.10	CALCULATED	08/15/24 15:32		JAF	
Nitrogen, Total	<7.42	mg/L	1.60	CALCULATED	08/18/24 19:13		KMS	
Nitrogen, Total Kjeldahl (TKN)	0.93	mg/L	0.50	EPA 351.2 Rev 2.0	08/18/24		KMS	
Phosphorus as P, Total	0.57	mg/L	0.01	SM 4500-P F	08/16/24		SNF	1.5
Solids, Total Suspended	3	mg/L	1	SM 2540 D	08/20/24		INW	10

Lab ID: 2434359-02

Collected By: Client

Sampled: 08/15/24 09:40

Received: 08/15/24 13:00

Sample Desc: Berwick Place STP Effluent (Grab)

Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	8/15/24 14:10	8/16/24 14:51		MAC	200

Lab ID: 2434359-03

Collected By: Client

Sampled: 08/15/24 09:50

Received: 08/15/24 13:00

Sample Desc: Berwick Place STP Influent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	279	mg/L	40.0	SM 5210 B	08/16/24 11:36		AAM	
Solids, Total Suspended	183	mg/L	1	SM 2540 D	08/20/24		INW	



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Additional accreditations by MD (261)



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2434360

Report: 08/30/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy

Project Info: Berwick Place STP NPDES - 1x/wk

Reported To: Private Utility Enterprises, Inc.

1000 E. Walnut St. Suite 721

Perkasie, PA 18944

Lab ID: 2434360-01 **Collected By:** Client

Sampled: 08/22/24 09:45

Received: 08/22/24 13:35

Sample Desc: Berwick Place STP Effluent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.07	mg/L	0.02	EPA 350.1 Rev 2.0	08/23/24		SNF	1.5
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/23/24 10:22		LEH	10
Nitrate as N	5.82	mg/L	1.00	EPA 300.0 Rev 2.1	08/22/24 15:01		JAF	10
Nitrite as N	0.12	mg/L	0.10	EPA 300.0 Rev 2.1	08/22/24 15:01		JAF	
Nitrate+Nitrite as N	5.94	mg/L	1.10	CALCULATED	08/22/24 15:01		JAF	
Nitrogen, Total	6.52	mg/L	1.60	CALCULATED	08/26/24 14:21		KMS	
Nitrogen, Total Kjeldahl (TKN)	0.58	mg/L	0.50	EPA 351.2 Rev 2.0	08/26/24		KMS	
Phosphorus as P, Total	0.63	mg/L	0.01	SM 4500-P F	08/23/24		SNF	1.5
Solids, Total Suspended	2	mg/L	1	SM 2540 D	08/23/24		ALD	10

Lab ID: 2434360-02 **Collected By:** Client

Sampled: 08/22/24 09:45

Received: 08/22/24 13:35

Sample Desc: Berwick Place STP Effluent (Grab)

Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	8/22/24 15:38	8/23/24 14:11		MAC	200

Lab ID: 2434360-03 **Collected By:** Client

Sampled: 08/22/24 09:50

Received: 08/22/24 13:35

Sample Desc: Berwick Place STP Influent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	206	mg/L	13.3	SM 5210 B	08/23/24 12:10	B-04	LEH	
Solids, Total Suspended	136	mg/L	1	SM 2540 D	08/23/24		ALD	



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Additional accreditations by MD (261)



M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Certificate of Analysis

Laboratory No.: 2434554

Report: 09/05/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy
Reported To: Private Utility Enterprises, Inc.
1000 E. Walnut St. Suite 721
Perkasie, PA 18944

Project Info: Berwick Place STP NPDES - 1x/wk

Lab ID: 2434554-01 **Collected By:** Client
Sample Desc: Berwick Place STP Effluent (Composite)

Sampled: 08/29/24 09:40 **Received:** 08/29/24 14:08
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.05	mg/L	0.02	EPA 350.1 Rev 2.0	08/30/24		SNF	1.5
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/30/24 11:11		KMD	10
Nitrate as N	8.55	mg/L	1.00	EPA 300.0 Rev 2.1	08/29/24 19:13		KCS	10
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/29/24 19:13		KCS	
Nitrate+Nitrite as N	<8.65	mg/L	1.10	CALCULATED	08/29/24 19:13		KCS	
Nitrogen, Total	<9.15	mg/L	1.60	CALCULATED	09/03/24 13:41		KMS	
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	09/03/24		KMS	
Phosphorus as P, Total	0.75	mg/L	0.01	SM 4500-P F	08/30/24		SNF	1.5
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	08/30/24		ALD	10

Lab ID: 2434554-02 **Collected By:** Client
Sample Desc: Berwick Place STP Effluent (Grab)

Sampled: 08/29/24 09:40 **Received:** 08/29/24 14:08
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	8/29/24 15:38	8/30/24 14:52		ZJB	200

Lab ID: 2434554-03 **Collected By:** Client
Sample Desc: Berwick Place STP Influent (Composite)

Sampled: 08/29/24 09:45 **Received:** 08/29/24 14:08
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	261	mg/L	13.3	SM 5210 B	08/30/24 10:24		LEH	
Solids, Total Suspended	178	mg/L	1	SM 2540 D	08/30/24		ALD	



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Additional accreditations by MD (261)

BERWICK WWTP

Worcester

NPDES PERMIT # PA0055671

Month:

August

Year:

2024

#2

DAY	Decant & Aeration Checked				Daily UV Intensity	UV Hours	Weekly Outfall Inspect	Gen Hours	Comments
	1 & 2	AC	3 & 4	AC					
1	✓	✓	✓	✓	1.1	49450			
2	✓	✓	✓	✓	0.9	49474	✓		
3	✓	✓	✓	✓	0.2	49495			
4	✓	✓	✓	✓	0.4	49517			
5	✓	✓	✓	✓	1.2	49547			
6	✓	✓	✓	✓	1.0	49570			
7	✓	✓	✓	✓	1.3	49593			
8	✓	✓	✓	✓	0.5	49618			
9	✓	✓	✓	✓	1.0	49643	✓		
10	✓	✓	✓	✓	0.2	49660			
11	✓	✓	✓	✓	0.7	49685			
12	✓	✓	✓	✓	1.2	49715			
13	✓	✓	✓	✓	1.2	49738			
14	✓	✓	✓	✓	1.5	49763			
15	✓	✓	✓	✓	1.1	49786			
16	✓	✓	✓	✓	1.1	49811	✓		
17	✓	✓	✓	✓	1.1	49835			
18	✓	✓	✓	✓	1.6	49853			
19	✓	✓	✓	✓	1.2	49884			
20	✓	✓	✓	✓	1.1	49910			
21	✓	✓	✓	✓	1.2	49933			
22	✓	✓	✓	✓	1.0	49953	✓		
23	✓	✓	✓	✓	1.2	49969			
24	✓	✓	✓	✓	0.2	50000			
25	✓	✓	✓	✓	0.2	50023			
26	✓	✓	✓	✓	1.0	50041			
27	✓	✓	✓	✓	0.9	50073			
28	✓	✓	✓	✓	1.2	50102			
29	✓	✓	✓	✓	1.2	50123			
30	✓	✓	✓	✓	1.4	50150	✓		Mowed path to outfall
31	✓	✓	✓	✓	0.2	50169			

BERWICK WWTP

Worcester

NPDES PERMIT # PA0055671

Month: August

Year: 2024

#3

DAY	Op Int	Influent		Effluent			Test Auto Dialer	Gen Hrs	Effluent Lab Testing					
		Totalizer	MGD	Totalizer x 10	GPM	MGD			PH	DO	Temp	NH3	Phos	NO3
1	CCC	11575642	0.068677	2354601		0.0749	X	521.4(F)	7.55	7.75	6	0.2	0.42	8.4
2	CCC	11644319	0.054810	2355350		0.0473	X	521.4	7.81	7.26	28	0.2	0.63	7.0
3	JO	11699129	0.054928	2355823		0.0517	X	521.4	7.55	7.12	29	0.2		
4	JO	11754057	0.090982	2356340		0.0843	X	521.4	7.80	7.23	27	0.2		
5	CCC	11845039	0.058428	2357183		0.0575	X	521.4	7.71	6.63	28	0.2	0.61	4.3
6	CCC	11903467	0.064991	2357758		0.0667	X	521.9(F)	8.25	7.26	28	0.2	0.55	4.7
7	CCC	11968458	0.072399	2358425		0.0585	X	521.9	7.66	7.51	26	0.2	0.55	6.0
8	CCC	12040857	0.091480	2359010		0.0896	X	521.9	7.31	8.19	6	0.2	0.56	6.7
9	CCC	12132337	0.056774	2359906		0.0539	X	521.9	7.66	7.64	26	0.2	0.56	6.4
10	CW	12189111	0.078377	2360445		0.0747	X	521.9	7.64	7.90	26	0.2		
11	CW	12267488	0.097110	2361192		0.0981	X	521.9	7.47	7.78	25	0.2		
12	CCC	12364598	0.062972	2362173		0.0500	X	521.9	8.09	7.46	25	0.2	0.56	5.7
13	CCC	12427570	0.067940	2362673		0.0618	X	521.9	7.95	7.49	25	0.2	0.50	5.3
14	CCC	12495510	0.078378	2363291		0.0701	X	522.4(F)	7.93	7.81	25	0.2	0.70	6.6
15	CCC	12573888	0.072309	2363992		0.0788	X	522.5	7.64	7.85	6	0.2	0.59	7.1
16	CCC	12646197	0.064937	2364780		0.0646	X	522.5	7.86	7.33	26	0.2	0.59	7.6
17	MB	12711134	0.043233	2365426		0.0385	X	522.5	7.89	7.84	26	0.2		
18	MB	12754367	0.086765	2365811		0.0863	X	522.5	7.83	7.33	26	0.2		
19	CCC	12841132	0.069856	2366674		0.0658	X	522.5	7.88	7.22	26	0.2	0.58	4.4
20	CCC	12910988	0.059494	2367332		0.0609	X	523.0(F)	8.05	7.73	24	0.2	0.54	4.3
21	CCC	12970482	0.053612	2367941		0.0458	X	523.0	7.89	7.67	24	0.2	0.58	5.4
22	CCC	13024094	0.039746	2368399		0.0412	X	523.0	7.86	9.23	5	0.2	0.66	6.7
23	MB	13063840	0.096001	2368811		0.0879	X	523.0	8.17	9.09	24	0.2		
24	JO	13159841	0.063544	2369690		0.0587	X	523.0	7.79	7.67	25	0.2		
25	JO	13223385	0.046223	2370277		0.0550	X	523.0	7.75	7.48	25	0.2		
26	MB	13269608	0.098527	2370827		0.0970	X	523.0	8.39	8.91	24	0.2		
27	MB	13368135	0.078103	2371797		0.0754	X	523.5	7.79	7.34	26	0.2		7.9
28	CCC	13446238	0.067991	2372551		0.0521	X	523.5(F)	7.87	6.99	26	0.2	0.61	6.9
29	CCC	13514229	0.075585	2373072		0.0843	X	523.5	7.80	7.57	6	0.2	0.79	8.0
30	CCC	13589814	0.050496	2373915		0.0437	X	523.5	7.88	7.33	25	0.2	0.69	9.4
31	CW	13640310	0.048766	2374352		0.0459	X	523.5	7.58	7.31	26	0.2		
		0.0682		Total:		2.0210			Min:	7.31	6.63			
		Max: 0.099							Max:	8.39	9.23			

BERWICK WWTP

Worcester

NPDES PERMIT # PA005671

Month: August

Year: 2024

#4

DAY	EQ for Trains 3 & 4				Pump Setting				ND = New Drum					Sludge Removal - Gals		
	Pump 1	D/H	Pump 2	D/H	Alum 1	Alum 2	Alum 3	Alum 4	Meth 1	Meth 2	Meth 3	Meth 4	Inches	Inches	Trains 1 & 2	Trains 3 & 4
1	38582.2	15.7	47325.3	0.0	2.0	3.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	ND		
2	38597.9	11.4	47325.3	0.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	ND	OK	4000	4000
3	38609.3	11.9	47325.3	0.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
4	38621.2	16.1	47325.3	0.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
5	38637.3	0.0	47325.3	15.7	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	ND	OK		
6	38637.3	0.0	47341.0	15.9	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	ND	OK		
7	38637.3	0.0	47356.9	14.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
8	38637.3	0.0	47370.9	21.4	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK	4000	4000
9	38637.3	0.0	47392.3	14.4	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	ND	ND		
10	38637.3	0.0	47406.7	19.6	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
11	38637.3	0.0	47426.3	21.5	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
12	38637.3	22.3	47447.8	0.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	ND	OK		
13	38659.6	24.8	47447.8	0.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
14	38684.4	1.3	47447.8	16.4	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
15	38685.7	17.4	47464.2	0.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
16	38703.1	15.2	47464.2	0.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	ND	ND	4000	4000
17	38718.3	11.4	47464.2	0.0	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
18	38729.7	18.0	47464.2	1.6	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	OK	OK		
19	38747.7	0.0	47465.8	19.4	2.0	2.0	2.0	2.0	5.0	5.0	2.5	2.5	ND	OK		
20	38747.7	0.0	47485.2	17.1	2.0	2.0	2.0	2.0	3.5	6.5	2.0	2.0	OK	OK		
21	38747.7	0.0	47502.3	13.0	2.0	2.0	2.0	2.0	3.5	6.5	2.0	2.0	OK	OK		
22	38747.7	0.0	47515.3	9.5	2.0	2.0	2.0	2.0	4.0	6.0	2.0	2.0	ND	OK	4000	4000
23	38747.7	0.0	47524.8	24.8	2.0	2.0	2.0	2.0	4.0	6.0	2.0	2.0	OK	OK		
24	38747.7	0.0	47549.6	15.2	2.0	2.0	2.0	2.0	4.0	6.0	2.0	2.0	OK	OK		
25	38747.7	0.0	47564.8	12.2	2.0	2.0	2.0	2.0	4.0	6.0	2.0	2.0	OK	ND		
26	38747.7	25.0	47577.0	0.0	2.0	2.0	2.0	2.0	4.0	6.0	2.0	2.0	ND	OK		
27	38772.7	18.2	47577.0	0.0	2.0	2.0	2.0	2.0	4.0	6.0	2.0	2.0	OK	OK		
28	38790.9	14.3	47577.0	0.0	2.0	2.0	2.0	2.0	4.0	6.0	2.0	2.0	OK	OK		
29	38805.2	20.9	47577.0	0.0	2.0	2.0	2.0	2.0	4.0	6.0	2.0	2.0	ND	OK	4000	4000
30	38826.1	10.8	47577.0	0.0	2.0	2.0	2.0	2.0	5.0	5.0	3.0	3.0	OK	OK		
31	38836.9	11.8	47577.0	0.0	2.0	2.0	2.0	2.0	5.0	5.0	3.0	3.0	OK	OK		

08/02/2024 - Franc Env. Hauled 8000 gal. of sludge to NAWC

08/08/2024 - Franc Env. Hauled 8000 gal. of sludge to NAWC

08/16/2024 - Franc Env. Hauled 8000 gal. of sludge to NAWC

08/22/2024 - Franc Env. Hauled 8000 gal. of sludge to Pottstown & NAWC

08/29/2024 - Franc Env. Hauled 8000 gal. of sludge to Pottstown

BERWICK WWTP

Worcester

NPDES PERMIT # PA0055671

Month: August

Year:

2024

#5

DAY	Influent Pumps				Sand Filter for Trains 3 & 4							
	Pump		Pump		Backwash		Backwash		Mudwell		Mudwell	
	1	D/H	2	D/H	1	D/H	2	D/H	1	D/H	2	D/H
1	12642.6	2.2	7965.8	2.3	662.15	0.10	1218.73	0.32	2575.3	0.6	5711.67	0.41
2	12644.8	1.8	7968.1	1.9	662.25	0.00	1219.05	0.31	2575.9	0.2	5712.08	0.40
3	12646.6	1.7	7970.0	1.9	662.25	0.09	1219.36	0.26	2576.1	0.5	5712.48	0.39
4	12648.3	3.0	7971.9	3.1	662.34	0.10	1219.62	0.27	2576.6	0.4	5712.87	0.36
5	12651.3	1.9	7975.0	1.9	662.44	0.10	1219.89	0.18	2577.0	0.2	5713.23	0.42
6	12653.2	2.1	7976.9	2.2	662.54	0.19	1220.07	0.36	2577.2	0.6	5713.65	0.61
7	12655.3	2.3	7979.1	2.4	662.73	0.10	1220.43	0.27	2577.8	0.4	5714.26	0.44
8	12657.6	2.9	7981.5	3.1	662.83	0.19	1220.70	0.27	2578.2	0.4	5714.70	0.61
9	12660.5	1.9	7984.6	1.9	663.02	0.10	1220.97	0.27	2578.6	0.4	5715.31	0.41
10	12662.4	2.5	7986.5	2.7	663.12	0.09	1221.24	0.27	2579.0	0.4	5715.72	0.41
11	12664.9	3.1	7989.2	3.4	663.21	0.20	1221.51	0.35	2579.4	0.6	5716.13	0.60
12	12668.0	2.0	7992.6	2.1	663.41	0.11	1221.86	0.11	2580.0	1.8	5716.73	1.73
13	12670.0	2.2	7994.7	2.3	663.52	0.09	1221.97	0.18	2581.8	0.3	5718.46	0.21
14	12672.2	2.5	7997.0	2.5	663.61	0.10	1222.15	0.18	2582.1	0.4	5718.67	0.19
15	12674.7	2.3	7999.5	2.5	663.71	0.09	1222.33	0.18	2582.5	0.2	5718.86	0.35
16	12677.0	2.1	8002.0	2.2	663.80	0.11	1222.51	0.18	2582.7	0.2	5719.21	0.41
17	12679.1	1.4	8004.2	1.5	663.91	0.00	1222.69	0.18	2582.9	0.3	5719.62	0.20
18	12680.5	2.8	8005.7	2.9	663.91	0.09	1222.87	0.19	2583.2	0.4	5719.82	0.19
19	12683.3	2.3	8008.6	2.4	664.00	0.10	1223.06	0.18	2583.6	1.1	5720.01	1.43
20	12685.6	1.9	8011.0	2.1	664.10	0.00	1223.24	0.19	2584.7	0.3	5721.44	0.24
21	12687.5	1.8	8013.1	1.8	664.10	0.11	1223.43	0.20	2585.0	0.4	5721.68	0.21
22	12689.3	1.1	8014.9	1.3	664.21	0.00	1223.63	0.10	2585.4	0.0	5721.89	0.25
23	12690.4	3.2	8016.2	3.3	664.21	0.12	1223.73	0.30	2585.4	0.5	5722.14	0.42
24	12693.6	2.0	8019.5	2.2	664.33	0.00	1224.03	0.24	2585.9	0.3	5722.56	0.22
25	12695.6	1.5	8021.7	1.6	664.33	0.11	1224.27	0.05	2586.2	0.2	5722.78	0.24
26	12697.1	3.2	8023.3	3.3	664.44	0.00	1224.32	0.30	2586.4	0.4	5723.02	0.23
27	12700.3	2.5	8026.6	2.7	664.44	0.12	1224.62	0.35	2586.8	0.2	5723.25	0.45
28	12702.8	2.2	8029.3	2.3	664.56	0.11	1224.97	0.15	2587.0	0.5	5723.70	0.20
29	12705.0	2.4	8031.6	2.5	664.67	0.00	1225.12	0.29	2587.5	0.2	5723.90	0.47
30	12707.4	1.6	8034.1	1.7	664.67	0.12	1225.41	0.12	2587.7	0.3	5724.37	0.21
31	12709.0	1.6	8035.8	3.7	664.79	0.00	1225.53	0.00	2588.0	0.0	5724.58	0.00

BERWICK WWTP

Worcester

NPDES PERMIT # PA0055671

Month: August

Year:

2024

#6

DAY	ML Temp C	30 Minutes Settleometer				TSS mg/L				Wasting (in minutes)			
		Train 1	Train 2	Train 3	Train 4	Train 1	Train 2	Train 3	Train 4	1	2	3	4
1		310	300	250	290	0.2	0.2	0.2	0.2	10	10	10	10
2		300	300	250	300	0.2	0.2	0.2	0.2	10	10	10	10
3										10	10	10	10
4										10	10	10	10
5		320	300	270	320	0.2	0.2	0.2	0.2	10	10	10	10
6		320	290	290	300	0.2	0.2	0.2	0.2	10	10	10	10
7		300	280	320	290	0.2	0.2	0.2	0.2	10	10	10	10
8		300	290	300	280	0.2	0.2	0.2	0.2	10	10	10	10
9		300	290	300	300	0.2	0.2	0.2	0.2	10	10	10	10
10										10	10	10	10
11										10	10	10	10
12		330	270	280	300	0.2	0.2	0.2	0.2	10	10	10	10
13		370	280	300	300	0.2	0.2	0.3	0.2	10	10	10	10
14		310	290	290	300	0.2	0.2	0.2	0.2	10	10	10	10
15		340	290	300	330	0.2	0.2	0.2	0.2	10	10	10	10
16		320	290	300	310	0.2	0.2	0.2	0.2	10	10	10	10
17										10	0	0	10
18										10	0	0	10
19		340	300	310	300	0.2	0.2	0.2	0.2	10	10	10	10
20		330	330	380	300	0.2	0.2	0.2	0.2	10	10	10	10
21		320	320	300	300	0.2	0.2	0.2	0.2	10	10	10	10
22		310	300	300	300	0.2	0.2	0.2	0.2	10	10	10	10
23										10	10	10	10
24										10	10	10	10
25										10	10	10	10
26										10	10	10	10
27										10	10	10	10
28		300	300	300	350	0.2	0.2	0.2	0.2	10	10	10	10
29		300	300	250	420	0.2	0.2	0.2	0.5	10	10	10	10
30		300	300	300	300	0.2	0.2	0.2	0.3	10	10	10	10
31										10	10	10	10

BERWICK WWTP

Worcester

NPDES PERMIT # PA0055671

Month: August

Year:

2024

#7

DAY	Sand Filter for Trains 1 & 2										EQ for Trains 1 & 2			
	Backwash 1	D/H	Backwash 2	D/H	Mudwell 3	D/H	Mudwell 4	D/H	Purge 5	D/H	Pump 1	D/H	Pump 2	D/H
1	2553.6	0.0	2893.2	0.0	4920.3	0.0	4934.5	0.2	573.5	0.0	30842.0	18.7	7459.5	0.0
2	2553.6	0.0	2893.2	0.0	4920.3	0.0	4934.7	0.0	573.5	0.0	30860.7	11.6	7459.5	0.0
3	2553.6	0.0	2893.2	0.0	4920.3	0.0	4934.7	0.0	573.5	0.0	30872.3	13.4	7459.5	0.0
4	2553.6	0.0	2893.2	0.0	4920.3	0.0	4934.7	0.0	573.5	0.0	30885.7	18.1	7459.5	0.0
5	2553.6	0.2	2893.2	0.2	4920.3	0.3	4934.7	0.0	573.5	0.1	30903.8	0.0	7459.5	20.5
6	2553.8	0.0	2893.4	0.0	4920.6	0.0	4934.7	0.0	573.6	0.0	30903.8	0.0	7480.0	17.0
7	2553.8	0.0	2893.4	0.0	4920.6	0.0	4934.7	0.0	573.6	0.0	30903.8	0.0	7497.0	16.1
8	2553.8	0.0	2893.4	0.0	4920.6	0.0	4934.7	0.0	573.6	0.0	30903.8	0.0	7513.1	19.7
9	2553.8	0.0	2893.4	0.0	4920.6	0.0	4934.7	0.0	573.6	0.0	30903.8	0.0	7532.8	11.0
10	2553.8	0.0	2893.4	0.0	4920.6	0.0	4934.7	0.1	573.6	0.0	30903.8	0.0	7543.8	16.5
11	2553.8	0.0	2893.4	0.0	4920.6	0.3	4934.8	0.2	573.6	0.0	30903.8	0.0	7560.3	18.3
12	2553.8	0.0	2893.4	0.0	4920.9	0.3	4935.0	0.0	573.6	0.0	30903.8	16.5	7578.6	0.0
13	2553.8	0.5	2893.4	0.5	4921.2	0.1	4935.0	0.2	573.6	0.2	30920.3	15.7	7578.6	0.0
14	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	30936.0	13.4	7578.6	0.0
15	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	30949.4	18.2	7578.6	0.0
16	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	30967.6	13.8	7578.6	0.0
17	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	30981.4	6.4	7578.6	0.0
18	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	30987.8	15.8	7578.6	3.5
19	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31003.6	0.0	7582.1	15.5
20	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31003.6	0.0	7597.6	12.5
21	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31003.6	0.0	7610.1	10.3
22	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31003.6	0.0	7620.4	9.3
23	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31003.6	0.0	7629.7	18.4
24	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31003.6	0.0	7648.1	13.3
25	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31003.6	0.0	7661.4	12.4
26	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31003.6	19.0	7673.8	0.0
27	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31022.6	17.4	7673.8	0.0
28	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31040.0	9.4	7673.8	0.0
29	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31049.4	17.6	7673.8	0.0
30	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31067.0	8.3	7673.8	0.0
31	2554.3	0.0	2893.9	0.0	4921.3	0.0	4935.2	0.0	573.8	0.0	31075.3	9.0	7673.8	0.0

BERWICK WWTP

Worcester

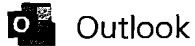
NPDES PERMIT # PA0055671

Month:

August

Year: 2024

DAY	Trains 1 & 2						Trains 3 & 4						Compressor PSI
	Blower 2	D/H	Blower 3	D/H	Blower 1	D/H	Blower 6	D/H	Blower 7	D/H	Blower 5	D/H	
1	2015.3	24.4	2928.8	24.4	19678.4	0.0	56826.59	24.40	61890.02	0.00	83817.62	0.00	95/50
2	2039.7	21.1	2953.2	21.1	19678.4	0.0	56850.99	21.07	61890.02	0.00	83817.62	0.00	95/50
3	2060.8	22.1	2974.3	22.1	19678.4	0.0	56872.06	22.15	61890.02	0.00	83817.62	0.00	95/50
4	2082.9	29.5	2996.4	29.5	19678.4	0.0	56894.21	29.47	61890.02	0.00	83817.62	0.00	95/50
5	2112.4	23.3	3025.9	23.3	19678.4	0.0	56923.68	23.34	61890.02	0.00	83817.62	0.00	95/50
6	2135.7	23.4	3049.2	23.5	19678.4	0.0	56947.02	23.37	61890.02	0.00	83817.62	0.00	95/50
7	2159.1	25.3	3072.7	25.3	19678.4	0.0	56970.39	25.29	61890.02	0.00	83817.62	0.00	95/50
8	2184.4	25.4	3098.0	25.3	19678.4	0.0	56995.68	25.33	61890.02	0.00	83817.62	0.00	95/50
9	2209.8	16.7	3123.3	16.7	19678.4	0.0	57021.01	16.69	61890.02	0.00	83817.62	0.00	95/50
10	2226.5	24.9	3140.0	24.9	19678.4	0.0	57037.70	24.93	61890.02	0.00	83817.62	0.00	95/50
11	2251.4	30.1	3164.9	30.1	19678.4	0.0	57062.63	30.12	61890.02	0.00	83817.62	0.00	95/50
12	2281.5	22.6	3195.0	22.6	19678.4	0.0	57092.75	22.31	61890.02	0.26	83817.62	0.00	95/50
13	2304.1	24.8	3217.6	24.8	19678.4	0.0	57115.06	0.00	61890.28	24.80	83817.62	0.00	95/50
14	2328.9	22.6	3242.4	22.6	19678.4	0.0	57115.06	0.00	61915.08	22.55	83817.62	0.00	95/50
15	2351.5	25.3	3265.0	25.3	19678.4	0.0	57115.06	0.00	61937.63	25.32	83817.62	0.00	95/50
16	2376.8	24.6	3290.3	24.7	19678.4	0.0	57115.06	0.00	61962.95	24.65	83817.62	0.00	95/50
17	2401.4	17.9	3315.0	17.8	19678.4	0.0	57115.06	0.00	61987.60	17.83	83817.62	0.00	95/50
18	2419.3	29.9	3332.8	29.9	19678.4	0.0	57115.06	0.00	62005.43	29.92	83817.62	0.00	95/50
19	2449.2	25.7	3362.7	25.7	19678.4	0.0	57115.06	0.00	62035.35	25.72	83817.62	0.00	95/50
20	2474.9	23.3	3388.4	23.3	19678.4	0.0	57115.06	0.00	62061.07	23.25	83817.62	0.00	60/50
21	2498.2	20.2	3411.7	20.2	19678.4	0.0	57115.06	0.00	62084.32	20.25	83817.62	0.00	60/50
22	2518.4	16.0	3431.9	16.1	19678.4	0.0	57115.06	0.00	62104.57	16.04	83817.62	0.00	60/50
23	2534.4	30.8	3448.0	30.8	19678.4	0.0	57115.06	0.00	62120.61	30.80	83817.62	0.00	60/50
24	2565.2	23.0	3478.8	23.0	19678.4	0.0	57115.06	0.00	62151.41	23.07	83817.62	0.00	60/50
25	2588.2	17.9	3501.8	17.9	19678.4	0.0	57115.06	0.00	62174.48	17.91	83817.62	0.00	60/50
26	2606.1	32.1	3519.7	32.0	19678.4	0.0	57115.06	0.00	62192.39	31.92	83817.62	0.00	60/50
27	2638.2	28.8	3551.7	28.8	19678.4	0.0	57115.06	0.00	62224.31	28.81	83817.62	0.00	60/50
28	2667.0	20.6	3580.5	20.6	19678.4	0.0	57115.06	0.00	62253.12	20.65	83817.62	0.00	60/50
29	2687.6	26.5	3601.1	26.5	19678.4	0.0	57115.06	0.00	62273.77	26.51	83817.62	0.00	60/50
30	2714.1	19.1	3627.6	19.1	19678.4	0.0	57115.06	0.00	62300.28	19.68	83817.62	0.00	60/50
31	2733.2	20.4	3646.7	20.4	19678.4	0.0	57115.06	0.00	62319.96	20.00	83817.62	0.00	60/50



FW: Your eDMR Report Has Been Received For Permit No. PA0050393

From Teresa Peachey <tpeachey@pueinc.com>

Date Thu 9/26/2024 8:31 AM

To Debbie Dunfee <Ddunfee@pueinc.com>

From: depgreenporthelpdesk@state.pa.us <depgreenporthelpdesk@state.pa.us>

Sent: Thursday, September 26, 2024 8:31:25 AM (UTC-05:00) Eastern Time (US & Canada)

To: jscullypue@gmail.com <jscullypue@gmail.com>; jscullypue@gmail.com <jscullypue@gmail.com>; tryan@worcestertwp.com <tryan@worcestertwp.com>

Subject: Your eDMR Report Has Been Received For Permit No. PA0050393

This email is to confirm that the following report was received by DEP through the eDMR system:

Facility Name: VALLEY GREEN STP

Permit Number: PA0050393

Report Frequency: Monthly

Report Type: DMR

Reporting Period: 08/01/2024-08/31/2024

Report Due Date: 09/28/2024

Submitted By: John Scully

Submission Id: 479919

Submission Status: Received

Submission Type: Original

To view the details of this report, access the eDMR system through DEP's [GreenPort](#) and select the link for View/Revise Submitted.



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

NAME: WORCESTER TWP MONTGOMERY CNTY
 ADDRESS: 1721 VALLEY FORGE ROADP. O. BOX 767, WORCESTER, PA, 19490-0767
 FACILITY: VALLEY GREEN STP
 LOCATION: VALLEY FORGE ROAD & DEFFORD ROAD, WORCESTER, PA, 19490
 STAGE: Final Effluent

PA0050393	001
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 08/01/2024
 DMR Effective To: 08/31/2024
 Permit Expires: 06/30/2026
 Permit Application Due: 01/01/2026
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	08	01	TO	2024	08	31

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Dissolved Oxygen (00300)	SAMPLE MEASUREMENT	***	***		8.06	***	***		1/day	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	***	mg/L	1/day	Grab
pH (00400)	SAMPLE MEASUREMENT	***	***		6.92	***	8.74		1/day	Grab
	PERMIT REQUIREMENT	***	***		6.0 Inst Min	***	9.0 MAX	S.U.	1/day	Grab
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	<2.1	3.8		***	<1.6	3.0		1/week	24-Hr Composite
	PERMIT REQUIREMENT	29.0 Avg Mo	44.0 Wkly Avg	lbs/day	***	16.0 Avg Mo	24.0 Wkly Avg	mg/L	1/week	24-Hr Composite
Total Nitrogen (00600)	SAMPLE MEASUREMENT	***	***		***	<36	***		1/week	24-Hr Composite
	PERMIT REQUIREMENT	***	***		***	Monitor & Report Avg Mo	***	mg/L	1/week	24-Hr Composite
Ammonia-Nitrogen (00610)	SAMPLE MEASUREMENT	.6	***		***	.46	***		1/week	24-Hr Composite
	PERMIT REQUIREMENT	3.7 Avg Mo	***	lbs/day	***	2.0 Avg Mo	***	mg/L	1/week	24-Hr Composite
Total Phosphorus (00665)	SAMPLE MEASUREMENT	.8	***		***	.56	***		1/week	24-Hr Composite
	PERMIT REQUIREMENT	1.1 Avg Mo	***	lbs/day	***	.61 Avg Mo	***	mg/L	1/week	24-Hr Composite
Ultraviolet light intensity (49607)	SAMPLE MEASUREMENT	***	***		.1	***	***		1/day	Metered
	PERMIT REQUIREMENT	***	***		Monitor & Report Daily Min	***	***	µw/cm²	1/day	Metered



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	SAMPLE MEASUREMENT	.1401	.1927	MGD	***	***	***		Continuous	Recorded
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Recorded
Fecal Coliform (74055)	SAMPLE MEASUREMENT	***	***		***	<3	18	No./100 ml	1/week	Grab
	PERMIT REQUIREMENT	***	***		***	200 Geo Mean	1000 MAX		1/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5) (80082)	SAMPLE MEASUREMENT	<3.5	7.2	lbs/day	***	<2.5	5.0	mg/L	1/week	24-Hr Composite
	PERMIT REQUIREMENT	18.3 Avg Mo	27.5 Wkly Avg		***	10.0 Avg Mo	15.0 Wkly Avg		1/week	24-Hr Composite
Facility Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER**

DISCHARGE MONITORING REPORT (DMR)

NAME: WORCESTER TWP MONTGOMERY CNTY
 ADDRESS: 1721 VALLEY FORGE ROAD. O. BOX 767, WORCESTER, PA , 19490-0767
 FACILITY: VALLEY GREEN STP
 LOCATION: VALLEY FORGE ROAD & DEFFORD ROAD, WORCESTER, PA , 19490
 STAGE: Raw Sewage Influent

PA0050393
PERMIT NUMBER

001
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 08/01/2024
 DMR Effective To: 08/31/2024
 Permit Expires: 06/30/2026
 Permit Application Due: 01/01/2026
 No Discharge:

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2024	08	01	FROM	2024	08	31
			TO			

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Biochemical Oxygen Demand (BOD5) (00310)	SAMPLE MEASUREMENT	294	***		***	228	***		1/week	24-Hr Composite
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	***	lbs/day	***	Monitor & Report Avg Mo	***	mg/L	1/week	24-Hr Composite
Total Suspended Solids (00530)	SAMPLE MEASUREMENT	391	***		***	294	***		1/week	24-Hr Composite
	PERMIT REQUIREMENT	Monitor & Report Avg Mo	***	lbs/day	***	Monitor & Report Avg Mo	***	mg/L	1/week	24-Hr Composite
Facility Comments										

ATTACHMENT DETAILS

FILE NAME	ATTACHMENT TYPE	UPLOADED TIME	ATTACHMENT COMMENT
W Valley Green DMR Aug 2024	Daily Effluent Monitoring Form	9/18/2024 2:12:29 PM	
W Valley green Inf Proc Cntl Aug 2024	Influent and Process Control Form	9/18/2024 2:12:59 PM	
W valley Green Sludge Form Aug 2024	Sewage Sludge / Biosolids Production and Disposal Form	9/18/2024 2:13:43 PM	
2436916 Inf Eff 8.21.24	Laboratory Analytical Report	9/18/2024 2:15:47 PM	
2432028 Inf Eff 8.1.24	Laboratory Analytical Report	9/18/2024 2:14:13 PM	
2433441 Inf Eff 8.8.24	Laboratory Analytical Report	9/18/2024 2:14:34 PM	
2434555 Inf Eff 8.15.24	Laboratory Analytical Report	9/18/2024 2:15:11 PM	
2436526 Inf Eff 8.29.24	Laboratory Analytical Report	9/18/2024 2:16:12 PM	

COMMENT DETAILS

COMMENTS	OPERATOR NAME	OPERATOR CERTIFICATION NUMBER	OPERATOR CONTACT NUMBER
	John Scully	S14080	(215)-766-2626

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Valley Green STP
Municipality: Worcester Twp County: Montgomery Coun
Watershed: 3-E
Laboratories: MJ Reider Associates, Inc

Month: 8 (select number) Year: 2024
Permit No.: PA0050393 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: June 30, 2026

Week	Day	Date	Flow	Fecal Coliform		pH	Dissolved Oxygen		CBOD5	TSS	UV Intensity	Total Nitrogen	NH3-N	Total Phosphorus		BOD5	TSS							
			MGD	Q	CFU/100 ml	Q	S.U.	Q	mg/L	Q	mg/L	Q	%	Q	mg/L	Q	mg/L	Q	mg/L	Q				
	Thu	8/1/24	0.1498	<	2.0	6.94		8.21	<	2.0	<	1.0		<	45.0		1.38		0.4		286.0		283.0	
	Fri	8/2/24	0.1564			7.14		8.39																
	Sat	8/3/24	0.1263			7.24		8.41																
1	Sun	8/4/24	0.1591			7.18		8.33																
	Mon	8/5/24	0.1299			6.92		8.27																
	Tue	8/6/24	0.1353			7.16		8.38																
	Wed	8/7/24	0.1373			7.38		8.42																
	Thu	8/8/24	0.1927		18.0	7.52		8.29	4.5	2.0			<	45.5		0.39		0.9			131.0		263.0	
	Fri	8/9/24	0.1437			7.44		8.36																
	Sat	8/10/24	0.1474			7.36		8.25																
2	Sun	8/11/24	0.1392			6.96		8.3																
	Mon	8/12/24	0.1303			7.16		8.41																
	Tue	8/13/24	0.1292			7.24		8.45																
	Wed	8/14/24	0.1246			6.92		8.06																
	Thu	8/15/24	0.1688	<	2.0	7.16		8.24	<	2.0		1.0		<	21.5		0.05		0.56			219.0		400.0
	Fri	8/16/24	0.1546			6.94		8.27																
	Sat	8/17/24	0.1054			8.06		8.15																
3	Sun	8/18/24	0.155			8.74		8.18																
	Mon	8/19/24	0.1457			7.79		8.29																
	Tue	8/20/24	0.1294			7.62		8.36																
	Wed	8/21/24	0.1135			7.65		8.16																
	Thu	8/22/24	0.1511	<	2.0	7.56		8.27	<	2.0		3.0		<	25.3		0.03		0.66			272.0		253.0
	Fri	8/23/24	0.1416			7.42		8.39																
	Sat	8/24/24	0.1862			7.58		8.42																
4	Sun	8/25/24	0.0798			7.38		8.47																
	Mon	8/26/24	0.1553			7.24		8.08																
	Tue	8/27/24	0.1348			7.31		8.49																
	Wed	8/28/24	0.1398			7.18		8.31																
	Thu	8/29/24	0.1312	<	2.0	7.24		8.39	<	2.0		1.0		<	42.6		0.45		0.26			250.0		270.0
	Fri	8/30/24	0.1484			7.14		8.41																
	Sat	8/31/24	0.1015			7.35		8.31																

Statistics for DMR																							
Daily Minimum (Conc.):		<	2		6.92		8.06	<	2	<	1		0.1	<	21.5		0.03		0.26		131		253
Daily Maximum (Conc.):			18		8.74		8.49		4.5		3		0.1	<	45.5		1.38		0.9		272		400
Max Avg Weekly (Conc.):							8.35		5		3		0.1	<	45.5		0		1		272		400
Avg Monthly (Conc.):							8.31	<	2.5	<	1.6		0.1	<	36		0.46		0.56		228		294
Geometric Mean (Conc.):		<	3																				
Max Avg Weekly (Load):	0.1493						10		7.2		3.8			<	73		0.6		1		343		563
Avg Monthly (Load):	0.1401						10	<	3.5	<	2.1			<	48		0.6		0.8		294		391
Total Monthly (Load):	4.3431						301	<	107.0	<	66.6			<	1476		18.3		23.9		9111		12109
Daily Minimum (Load):	0.0798						6	<	2.2	<	1.1			<	30		0.04		0.3		211		295
Daily Maximum (Load):	0.1927						13		7.2		3.8			<	73		2		1		343		563

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John Scully
Title: Operator

License No.: S14080
Date: _____

Facility Name: Valley Green STP
 Municipality: Worcester Twp County: Montgomery
 Watershed: 3-E

Month: August Year: 2024
 NPDES Permit No.: PA0050393
 Renewal application due 180 days prior to expiration.
 This permit will expire on: June 30, 2026

Day	Influent					Process Control			
	Flow (MGD)	BOD ₅ (mg/l)	BOD ₅ (lbs)	TSS (mg/l)	TSS (lbs)	Aeration MLSS (mg/l)	Aeration DO (mg/l)	Sludge Wasted (gallons)	
1	0.0	268.0	0	283.0	0				
2	0.0								
3	0.1067								
4	0.0								
5	0.0								
6	0.0								
7	0.0								
8	0.0	131.0	0	263.0	0				
9	0.0								
10	0.0								
11	0.0								
12	0.0								
13	0.0								
14	0.0								
15	0.0	219.0	0	400.0	0				
16	0.0								
17	0.0								
18	0.0								
19	0.0								
20	0.0								
21	0.0								
22	0.1554	272.0	353	253.0	328				
23	0.1113								
24	0.1171								
25	0.1058								
26	0.136								
27	0.1241								
28	0.0893								
29	0.1271	250.0	265	270.0	286				
30	0.1374								
31	0.0677								
Avg	0.041	228	123	294	123				
Max	0.155	272	353	400	328				

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: John Scully
 Title: Operator

License No.: S14080
 Date: _____



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2432028

Report: 08/13/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy

Project Info: Worcester Valley Green NPDES - wky

Reported To: Private Utility Enterprises, Inc.
1000 E. Walnut St. Suite 721
Perkasie, PA 18944

Lab ID: 2432028-01

Collected By: Client

Sampled: 08/01/24 10:10

Received: 08/01/24 13:45

Sample Desc: Worcester Valley Green Effluent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	1.38	mg/L	0.02	EPA 350.1 Rev 2.0	08/02/24		SNF	2
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/02/24 13:26		AAM	10
Nitrate as N	42.4	mg/L	1.00	EPA 300.0 Rev 2.1	08/02/24 13:22		KCS	
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/02/24 13:22		KCS	
Nitrate+Nitrite as N	<42.50	mg/L	1.10	CALCULATED	08/02/24 13:22		KCS	
Nitrogen, Total	<45.00	mg/L	3.60	CALCULATED	08/08/24 0:07		SNF	
Nitrogen, Total Kjeldahl (TKN)	<2.50	mg/L	2.50	EPA 351.2 Rev 2.0	08/08/24		SNF	
Phosphorus as P, Total	0.40	mg/L	0.01	SM 4500-P F	08/02/24		SNF	0.61
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	08/02/24		ALD	16

Lab ID: 2432028-02

Collected By: Client

Sampled: 08/01/24 10:10

Received: 08/01/24 13:45

Sample Desc: Worcester Valley Green Effluent (Grab)

Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	8/1/24 15:58	8/2/24 14:00		ZJB	200

Lab ID: 2432028-03

Collected By: Client

Sampled: 08/01/24 10:10

Received: 08/01/24 13:45

Sample Desc: Worcester Valley Green Influent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	268	mg/L	40.0	SM 5210 B	08/01/24 16:04		KXS	
Solids, Total Suspended	283	mg/L	1	SM 2540 D	08/02/24		ALD	



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Additional accreditations by MD (261)



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2433441

Report: 08/15/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy
Reported To: Private Utility Enterprises, Inc.
1000 E. Walnut St. Suite 721
Perkasie, PA 18944

Project Info: Worcester Valley Green NPDES - wkly

Lab ID: 2433441-01 **Collected By:** Client
Sample Desc: Worcester Valley Green Effluent (Composite)

Sampled: 08/08/24 09:00 **Received:** 08/08/24 13:44
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.39	mg/L	0.02	EPA 350.1 Rev 2.0	08/09/24		SNF	2
Carbonaceous Biochemical Oxygen Demand	4.5	mg/L	2.0	SM 5210 B	08/09/24 12:30		LEH	10
Nitrate as N	44.9	mg/L	1.00	EPA 300.0 Rev 2.1	08/08/24 16:52		KCS	
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/08/24 16:52		KCS	
Nitrate+Nitrite as N	<45.00	mg/L	1.10	CALCULATED	08/08/24 16:52		KCS	
Nitrogen, Total	<45.50	mg/L	1.60	CALCULATED	08/12/24 15:39		KMS	
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	08/12/24		KMS	
Phosphorus as P, Total	0.90	mg/L	0.01	SM 4500-P F	08/09/24		SNF	0.61
Solids, Total Suspended	2	mg/L	1	SM 2540 D	08/09/24		BKM	16

Lab ID: 2433441-02 **Collected By:** Client
Sample Desc: Worcester Valley Green Effluent (Grab)

Sampled: 08/08/24 09:00 **Received:** 08/08/24 13:44
Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	18	CFU/100mL	2	SM 9222 D	8/8/24 15:31	8/9/24 14:45		ZJB	200

Lab ID: 2433441-03 **Collected By:** Client
Sample Desc: Worcester Valley Green Influent (Composite)

Sampled: 08/08/24 09:00 **Received:** 08/08/24 13:44
Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	131	mg/L	40.0	SM 5210 B	08/09/24 10:37	B-01	LEH	
Solids, Total Suspended	263	mg/L	1	SM 2540 D	08/09/24		TMH	



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Additional accreditations by MD (261)



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2434555

Report: 08/22/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy

Project Info: Worcester Valley Green NPDES - wkly

Reported To: Private Utility Enterprises, Inc.

1000 E. Walnut St. Suite 721
Perkasie, PA 18944

Lab ID: 2434555-01

Collected By: Client

Sampled: 08/15/24 09:20

Received: 08/15/24 13:00

Sample Desc: Worcester Valley Green Effluent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.05	mg/L	0.02	EPA 350.1 Rev 2.0	08/16/24		SNF	2
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/16/24 11:47	B-01, B-02	KMD	10
Nitrate as N	20.9	mg/L	1.00	EPA 300.0 Rev 2.1	08/15/24 14:24		JAF	
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/15/24 14:24		JAF	
Nitrate+Nitrite as N	<21.00	mg/L	1.10	CALCULATED	08/15/24 14:24		JAF	
Nitrogen, Total	<21.50	mg/L	1.60	CALCULATED	08/18/24 19:45		KMS	
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	08/18/24		KMS	
Phosphorus as P, Total	0.56	mg/L	0.01	SM 4500-P F	08/16/24		SNF	0.61
Solids, Total Suspended	1	mg/L	1	SM 2540 D	08/19/24		ENM	16

Lab ID: 2434555-02

Collected By: Client

Sampled: 08/15/24 09:20

Received: 08/15/24 13:00

Sample Desc: Worcester Valley Green Effluent (Grab)

Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	8/15/24 13:40	8/16/24 14:51		MAC	200

Lab ID: 2434555-03

Collected By: Client

Sampled: 08/15/24 09:20

Received: 08/15/24 13:00

Sample Desc: Worcester Valley Green Influent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	219	mg/L	13.3	SM 5210 B	08/16/24 10:12		AAM	
Solids, Total Suspended	400	mg/L	1	SM 2540 D	08/16/24		BKM	



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Additional accreditations by MD (261)



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2435609
Report: 08/30/24
Lab Contact: Rafael A Quijada

Attention: Teresa Peachy
Reported To: Private Utility Enterprises, Inc.
1000 E. Walnut St. Suite 721
Perkasie, PA 18944

Project Info: Worcester Valley Green NPDES - wkly

Lab ID: 2435609-01 **Collected By:** Client **Sampled:** 08/22/24 09:30 **Received:** 08/22/24 13:35
Sample Desc: Worcester Valley Green Effluent (Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.03	mg/L	0.02	EPA 350.1 Rev 2.0	08/23/24		SNF	2
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/23/24 10:22		LEH	10
Nitrate as N	24.7	mg/L	1.00	EPA 300.0 Rev 2.1	08/22/24 16:25		JAF	
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/22/24 16:25		JAF	
Nitrate+Nitrite as N	<24.80	mg/L	1.10	CALCULATED	08/22/24 16:25		JAF	
Nitrogen, Total	<25.30	mg/L	1.60	CALCULATED	08/26/24 15:01		KMS	
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	08/26/24		KMS	
Phosphorus as P, Total	0.66	mg/L	0.01	SM 4500-P F	08/23/24		SNF	0.61
Solids, Total Suspended	3	mg/L	1	SM 2540 D	08/23/24		ALD	16

Lab ID: 2435609-02 **Collected By:** Client **Sampled:** 08/22/24 09:30 **Received:** 08/22/24 13:35
Sample Desc: Worcester Valley Green Effluent (Grab) **Sample Type:** Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	8/22/24 14:22	8/23/24 14:11		MAC	200

Lab ID: 2435609-03 **Collected By:** Client **Sampled:** 08/22/24 09:30 **Received:** 08/22/24 13:35
Sample Desc: Worcester Valley Green Influent (Composite) **Sample Type:** Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	272	mg/L	13.3	SM 5210 B	08/23/24 12:10		LEH	
Solids, Total Suspended	253	mg/L	1	SM 2540 D	08/23/24		ALD	



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Additional accreditations by MD (261)



Certificate of Analysis

M.J. Reider Associates, Inc.

ENVIRONMENTAL TESTING LABORATORY
U.S. EPA/PA DEP #06-00003

Laboratory No.: 2436526

Report: 09/05/24

Lab Contact: Rafael A Quijada

Attention: Teresa Peachy

Project Info: Worcester Valley Green NPDES - wkly

Reported To: Private Utility Enterprises, Inc.

1000 E. Walnut St. Suite 721
Perkasie, PA 18944

Lab ID: 2436526-01

Collected By: Client

Sampled: 08/29/24 09:40

Received: 08/29/24 14:08

Sample Desc: Worcester Valley Green Effluent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Ammonia as N	0.45	mg/L	0.02	EPA 350.1 Rev 2.0	08/30/24		SNF	2
Carbonaceous Biochemical Oxygen Demand	<2.0	mg/L	2.0	SM 5210 B	08/30/24 10:03		KMD	10
Nitrate as N	42.0	mg/L	1.00	EPA 300.0 Rev 2.1	08/29/24 20:04		KCS	
Nitrite as N	<0.10	mg/L	0.10	EPA 300.0 Rev 2.1	08/29/24 20:04		KCS	
Nitrate+Nitrite as N	<42.10	mg/L	1.10	CALCULATED	08/29/24 20:04		KCS	
Nitrogen, Total	<42.60	mg/L	1.60	CALCULATED	09/03/24 14:39		KMS	
Nitrogen, Total Kjeldahl (TKN)	<0.50	mg/L	0.50	EPA 351.2 Rev 2.0	09/03/24		KMS	
Phosphorus as P, Total	0.26	mg/L	0.01	SM 4500-P F	08/30/24		SNF	0.61
Solids, Total Suspended	<1	mg/L	1	SM 2540 D	08/30/24		ALD	16

Lab ID: 2436526-02

Collected By: Client

Sampled: 08/29/24 09:40

Received: 08/29/24 14:08

Sample Desc: Worcester Valley Green Effluent (Grab)

Sample Type: Grab

	Result	Unit	Rep. Limit	Analysis Method	Incubated	Analyzed	Notes	Analyst	Action Level
Microbiology									
Fecal Coliform	<2	CFU/100mL	2	SM 9222 D	8/29/24 15:59	8/30/24 14:52		ZJB	200

Lab ID: 2436526-03

Collected By: Client

Sampled: 08/29/24 09:40

Received: 08/29/24 14:08

Sample Desc: Worcester Valley Green Influent (Composite)

Sample Type: Composite

	Result	Unit	Rep. Limit	Analysis Method	Analyzed	Notes	Analyst	Action Level
General Chemistry								
Biochemical Oxygen Demand	250	mg/L	13.3	SM 5210 B	08/30/24 10:24		LEH	
Solids, Total Suspended	270	mg/L	1	SM 2540 D	08/30/24		ALD	



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Additional accreditations by MD (261)

**Valley Green
Worcester**

NPDES PERMIT # PA0050393

Month: August

Year: 2024

#2

DAY	Op Int	Influent		Effluent			Influent PH	Effluent				
		Totalizer	GPD	Totalizer x 10	GPM	MGD		PH	DO	NH3	Phos	NO3
1	JO	2175846.1	0.000000	3781230	69	0.1496		6.94	8.21	0.2	0.2	
2	JO	2175846.1	0.000000	3782726	109	0.1564		7.14	8.39	0.2	0.2	
3	JO	2175846.1	0.106722	3784290	83	0.1263		7.24	8.41	0.2	0.2	
4	JO	2175846.1	0.000000	3785553	60	0.1591		7.18	8.33	0.2	0.2	
5	JO	2175846.1	0.000000	3787144	77	0.1299		6.92	8.27	0.2	0.2	
6	JO	2175846.1	0.000000	3788443	12	0.1353		7.16	8.38	0.2	0.2	
7	JO	2175846.1	0.000000	3789796	83	0.1373		7.38	8.42	0.2	0.3	
8	JO	2175846.1	0.000000	3791169	96	0.1927		7.52	8.29	0.2	0.3	
9	JO	2175846.1	0.000000	3793096	110	0.1437		7.44	8.36	0.2	0.3	
10	CW	2175846.1	0.000000	3794533	152	0.1474		7.36	8.25	0.01		
11	CW	2175846.1	0.000000	3796007	110	0.1392		6.96	8.30	0.01		
12	JO	2175846.1	0.000000	3797399	40	0.1303		7.16	8.41	0.01	0.3	
13	JO	2175846.1	0.000000	3798702	39	0.1292		7.24	8.45	0.01	0.02	
14	JO	2175846.1	0.000000	3799994	87	0.1246		6.92	8.06	0.01	0.04	
15	JO	2175846.1	0.000000	3801240	221	0.1688		7.16	8.24	0.01	0.04	
16	JO	2175846.1	0.000000	3802928	0	0.1546		6.94	8.27	0.01	0.05	
17	MB	2175846.1	0.000000	3804474	85	0.1054		8.06	8.15	0.6		
18	MB	2175846.1	0.000000	3805528	62	0.1550		8.74	8.18	0.6		
19	JO	2175846.1	0.000000	3807078	163	0.1457		7.79	8.29	0.7	0.04	
20	JO	2175846.1	0.000000	3808535	90	0.1294		7.62	8.36	0.7	0.04	
21	JO	2175846.1	0.000000	3809829	60	0.1135		7.65	8.16	0.2	0.06	
22	JO	78869	0.155409	3810964	49	0.1511		7.56	8.27	0.2	0.05	
23	JO	234278	0.111338	3812475	62	0.1416		7.42	8.39	0.2	0.06	
24	JO	345616	0.117051	3813891	60	0.1862		7.58	8.42	0.2	0.06	
25	JO	462667	0.105783	3815753	80	0.0798		7.38	8.47	0.2	0.05	
26	JO	568450	0.136014	3816551	72	0.1553		7.24	8.08	0.2	0.05	
27	JO	704464	0.124070	3818104	82	0.1348		7.31	8.49	0.2	0.05	
28	JO	828534	0.089286	3819452	77	0.1398		7.18	8.31	0.2	0.05	
29	JO	917820	0.127068	3820850	78	0.1312		7.24	8.39	0.2	0.2	
30	JO	1044888	0.137400	3822162	153	0.1484		7.14	8.41	0.2	0.2	
31		1182288	0.067664	3823646		0.1015						
		Average:	0.0412		Avg:	0.1401	Min:	6.92	8.06			
		Max:	0.155409		Total:	4.3431	Max:	8.74	8.49			

VALLEY GREEN WWTP

Worcester

NPDES PERMIT # PA0050939

Month:

August

Year:

2024

Aeration Ditches 1 & 2

#3

	Sode Ash Usage				Location: Inf Wet Well - Inf Pumps										Post	
	Side	Side	Side	Side	Pump		Pump		Main Blower		Main Blower		EQ Blower		Aeration	
DAY	1	2	3	4	1	D/H	2	D/H	1	PSI	2	PSI		PSI	Blower	PSI
1	25	25	25	25	8718.9	0.0	7536.8	6.0	52117.9		37375.5	7.8	71867.0	5.0	70135.8	
2	25	25	25	25	8718.9	0.0	7542.8	6.3	52117.9		37403.9	7.2	71895.4	5.2	70135.8	
3	25	25	25	25	8718.9	0.0	7549.1	4.6	52117.9		37429.2	7.6	71920.7	5.2	70135.8	
4	25	25	25	25	8718.9	0.0	7553.7	5.3	52117.9		37450.5	7.4	71942.0	5.2	70135.8	
5	25	25	25	25	8718.9	0.0	7559.0	6.1	52117.9		37476.6	7.4	71968.1	5.2	70135.8	
6	25	25	25	25	8718.9	0.0	7565.1	5.6	52117.9		37499.3	7.4	71990.7	5.2	70135.8	
7	25	25	25	25	8718.9	0.0	7570.7	4.4	52117.9		37521.6	7.4	72013.1	5.2	70135.8	
8	25	25	25	25	8718.9	0.0	7575.1	7.3	52117.9		37541.7	7.4	72033.2	5.2	70135.8	
9	25	25	25	25	8718.9	0.0	7582.4	6.5	52117.9		37572.0	7.4	72063.5	5.2	70135.8	
10	25	25	25	25	8718.9	0.0	7588.9	6.9	52117.9		37594.1	7.4	72085.6	5.0	70135.8	
11	25	25	25	25	8718.9	0.0	7595.8	4.8	52117.9		37617.8	7.5	72109.3	5.0	70135.8	
12	25	25	25	25	8718.9	0.0	7600.6	5.6	52117.9		37644.1	7.6	72135.6	5.2	70135.8	
13	25	25	25	25	8718.9	0.0	7606.2	5.0	52117.9		37667.5	8.0	72158.9	5.0	70135.8	
14	25	25	25	25	8718.9	0.0	7611.2	4.6	52117.9		37689.4	8.0	72180.9	5.0	70135.8	
15	25	25	25	25	8718.9	0.0	7615.8	6.8	52117.9		37711.3	7.8	72202.8	5.2	70135.8	
16	25	25	25	25	8718.9	0.0	7622.6	6.2	52117.9		37738.9	7.8	72230.4	5.2	70135.8	
17	25	25	25	25	8718.9	0.0	7628.8	3.6	52117.9		37767.6	7.8	72257.6	5.2	70135.8	
18	25	25	25	25	8718.9	0.0	7632.4	6.4	52117.9		37785.6	7.8	72275.5	5.2	70137.3	
19	25	25	25	25	8718.9	0.0	7638.8	6.0	52117.9		37811.5	7.6	72301.4	5.2	70137.3	
20	25	25	25	25	8718.9	0.0	7644.8	6.0	52117.9		37834.6	7.4	72324.6	5.0	70137.3	
21	25	25	25	25	8718.9	0.0	7650.8	3.6	52117.9		37857.0	7.4	72346.9	5.2	70137.3	
22	25	25	25	25	8718.9	0.0	7654.4	7.2	52117.9		37878.7	7.4	72368.7	5.2	70137.3	
23	25	25	25	25	8718.9	0.0	7661.6	4.8	52117.9		37908.6	7.6	72398.6	5.2	70137.3	
24	25	25	25	25	8718.9	0.0	7666.4	4.9	52117.9		37932.9	7.6	72422.9	5.2	70137.3	
25	25	25	25	25	8718.9	0.0	7671.3	5.0	52117.9		37955.6	7.4	72445.5	5.2	70137.3	
26	25	25	25	25	8718.9	0.0	7676.3	5.8	52117.9		37979.0	7.4	72468.9	5.2	70137.3	
27	25	25	25	25	8718.9	0.0	7682.1	5.4	52117.9		38004.6	8.0	72494.5	6.0	70137.3	
28	25	25	25	25	8718.9	0.0	7687.5	4.1	52117.9		38027.5	8.0	72517.4	6.0	70137.3	
29	25	25	25	25	8718.9	0.0	7691.6	5.8	52117.9		38049.0	8.0	72539.0	6.0	70137.3	
30	25	25	25	25	8718.9	0.0	7697.4	6.1	52117.9		38075.7	8.0	72565.6	6.0	70137.3	
31	25	25	25	25	8718.9	0.0	7703.5	3.5	52117.9		38101.2	6.0	72596.1	6.0	70137.3	

VALLEY GREEN WWTP

Worcester

NPDES PERMIT # PA0050939

Month:

August

Year:

2024

#4

DAY	Aluminum Chloride Pump Settings %					Sludge Removal	Daily UV	UV Hours	Weekly	Auto - Dialer	Gen Remote	Rain	Outside
	Tote Inches	Side 1	Side 2	Side 3	Side 4				Outfall Inspt		Display Panel	Fall Inches	Temp ° F
1	NT	8	8	8	8		✓	29492		✓	351.06	0.0	93
2	OK	8	8	8	8		✓	29515		✓	351.06	0.0	95
3	OK	4	4	4	4		✓	29543		✓	351.06	0.0	91
4	OK	4	4	4	4		✓	29565		✓	351.06	0.0	85
5	OK	4	4	4	4		✓	29590		✓	351.06	0.0	93
6	OK	4	4	4	4		✓	29613		✓	351.36	0.0	87
7	OK	4	4	4	4		✓	29626		✓	351.36	0.0	71
8	OK	4	4	4	4		✓	29651		✓	351.36	0.0	70
9	OK	4	4	4	4		✓	29686		✓	351.36	0.0	82
10	OK	4	4	4	4		✓	29699		✓	351.36	0.0	88
11	OK	4	4	4	4		✓	29723		✓	351.36	0.0	76
12	OK	5	5	5	5		✓	29749		✓	351.36	0.0	81
13	OK	5	5	5	5		✓	29782		✓	352.06	0.0	81
14	OK	5	5	5	5		✓	29799		✓	352.06	0.0	82
15	OK	5	5	5	5		✓	29826		✓	352.06	0.0	75
16	OK	5	5	5	5		✓	29855		✓	352.06	0.0	88
17	OK	5	5	5	5		✓	29882		✓	352.06	0.3	75
18	OK	5	5	5	5		✓	29900		✓	352.06		69
19	NT	8	8	8	8		✓	29926		✓	352.06	0.0	82
20	OK	8	8	8	8		✓	29954		✓	352.36	0.0	68
21	OK	8	8	8	8		✓	29971		✓	352.36	0.0	72
22	OK	8	8	8	8		0.1	29993		✓	352.36	0.0	66
23	OK	8	8	8	8		0.1	30024		✓	352.36	0.0	81
24	OK	8	8	8	8		0.1	30047		✓	352.36	0.0	82
25	OK	8	8	8	8		0.1	30070		✓	352.36	0.0	84
26	OK	8	8	8	8		0.1	30094		✓	352.36	0.0	88
27	OK	8	8	8	8		0.1	30119		✓	353.06	0.0	88
28	OK	8	8	8	8		0.1	30142		✓	353.06	0.0	90
29	OK	8	8	8	8		0.1	30163		✓	353.06	0.0	81
30	OK	8	8	8	8		0.1	30184		✓	353.06	0.0	72
31	OK	8	8	8	8		0.1	30199		✓	353.06	0.0	75

GENERAL FUND

January 1, 2025 balance... \$ 250,000.00

RECEIPTS	2023 Actual	2024 Budget	2024 Projected	2025 Budget
Taxes	\$ 4,367,166.83	\$ 3,694,835.00	\$ 3,942,680.00	\$ 3,886,115.00
Licenses & Permits	\$ 211,006.21	\$ 188,900.00	\$ 203,017.00	\$ 196,900.00
Fines & Forfeits	\$ 2,492.14	\$ 1,600.00	\$ 6,300.00	\$ 1,600.00
Interest & Rents	\$ 184,506.11	\$ 191,067.37	\$ 197,644.92	\$ 192,694.87
Intergovernmental Revenue	\$ 327,003.57	\$ 151,476.13	\$ 198,084.38	\$ 198,084.38
Charges for Services	\$ 157,951.08	\$ 118,255.00	\$ 179,119.25	\$ 124,180.00
Miscellaneous Revenue	\$ 94,258.34	\$ 14,625.00	\$ 33,989.76	\$ 15,725.00
Other Financing	\$ 1,320.00	\$ 880.00	\$ 1,100.00	\$ 880.00
	\$ 5,345,704.28	\$ 4,361,638.50	\$ 4,761,935.31	\$ 4,616,179.25

EXPENDITURES	2023 Actual	2024 Budget	2024 Projected	2025 Budget
Legislative	\$ 81,298.17	\$ 95,660.98	\$ 98,850.51	\$ 119,572.78
Management	\$ 279,277.80	\$ 296,007.20	\$ 363,919.74	\$ 396,526.10
Finance	\$ 126,315.73	\$ 145,692.47	\$ 143,257.99	\$ 167,568.04
Tax Collection	\$ 45,449.35	\$ 45,807.04	\$ 41,752.15	\$ 48,282.95
Legal	\$ 279,943.05	\$ 192,000.00	\$ 246,000.00	\$ 194,400.00
Clerical	\$ 204,968.79	\$ 291,826.51	\$ 226,692.66	\$ 287,101.57
Engineering	\$ 63,567.74	\$ 41,250.00	\$ 61,825.00	\$ 52,250.00
Township Building	\$ 29,795.97	\$ 38,533.00	\$ 29,268.00	\$ 39,852.00
Garage	\$ 26,334.75	\$ 32,904.00	\$ 26,825.00	\$ 34,068.00
Community Hall	\$ 12,397.66	\$ 14,016.00	\$ 11,750.00	\$ 14,700.00
Historical Building	\$ 5,561.52	\$ 7,200.50	\$ 5,738.27	\$ 7,521.00
Hollow Road Rental	\$ 245.00	\$ 4,498.00	\$ 250.00	\$ 4,498.00
Springhouse	\$ -	\$ 1,000.00	\$ -	\$ 1,000.00
Dutchy Church	\$ 117.37	\$ 1,560.00	\$ 500.00	\$ 1,560.00
Fire Protection	\$ 406,460.25	\$ 498,696.40	\$ 494,945.04	\$ 513,050.36
Code Enforcement	\$ 77,479.84	\$ 114,410.51	\$ 77,128.08	\$ 113,170.51
Zoning Hearing Board	\$ 55,087.12	\$ 66,912.04	\$ 55,401.12	\$ 66,137.04
PA One Call	\$ 2,801.16	\$ 2,580.00	\$ 1,123.00	\$ 2,580.00
Public Works	\$ 793,469.43	\$ 970,239.73	\$ 808,353.21	\$ 962,726.41
Snow Removal	\$ 9,194.96	\$ 42,125.00	\$ 21,526.89	\$ 40,625.00
Traffic Signals	\$ 20,578.81	\$ 21,140.00	\$ 22,500.00	\$ 25,140.00
Machinery & Tools	\$ 71,556.57	\$ 98,200.00	\$ 90,562.00	\$ 98,200.00
Road Maintenance	\$ 78,212.53	\$ 131,800.00	\$ 86,775.00	\$ 137,600.00
Stormwater Management	\$ 5,882.91	\$ 37,000.00	\$ 19,480.00	\$ 37,000.00
Recreation Administration	\$ -	\$ -	\$ -	\$ -
Recreation & Culture	\$ 10,244.00	\$ 24,666.00	\$ 20,556.00	\$ 24,809.30
Parks	\$ 39,784.41	\$ 56,738.00	\$ 43,655.41	\$ 56,383.00
Public Relations	\$ 24,671.81	\$ 24,500.00	\$ 23,996.00	\$ 25,520.00
Other-Insurance/Trans to Gen	\$ 1,998,882.99	\$ 1,064,576.13	\$ 1,057,377.73	\$ 1,144,337.19
	\$ 4,749,579.69	\$ 4,361,539.51	\$ 4,080,008.80	\$ 4,616,179.25

2025 GENERAL FUND \$ 0.00

December 31, 2025 balance... \$ 250,000.00

STATE FUND

January 1, 2025 balance... \$ 70,975.00

RECEIPTS	2023 Actual	2024 Budget	2024 Projected	2025 Budget
Interest	\$ 14,282.34	\$ 5,000.00	\$ 14,100.00	\$ 6,000.00
Licenses	\$ 364,920.35	\$ 359,353.93	\$ 357,387.92	\$ 355,778.42
	\$ 379,202.69	\$ 364,353.93	\$ 371,487.92	\$ 361,778.42

EXPENDITURES	2023 Actual	2024 Budget	2024 Projected	2025 Budget
Public Works	\$ 347,000.00	\$ 350,000.00	\$ 350,000.00	\$ 357,000.00

2025 STATE FUND \$ 4,778.42

December 31, 2025 balance... \$ 75,753.42

SEWER FUND

January 1, 2025 balance... \$ 1,597,000.00

RECEIPTS	2023 Actual	2024 Budget	2024 Projected	2025 Budget
Wastewater	\$ 1,250,795.12	\$ 811,251.18	\$ 1,258,907.88	\$ 838,445.48
	\$ 1,250,795.12	\$ 811,251.18	\$ 1,258,907.88	\$ 838,445.48

EXPENDITURES	2023 Actual	2024 Budget	2024 Projected	2025 Budget
Wastewater	\$ 1,197,114.96	\$ 801,756.96	\$ 756,686.31	\$ 837,722.76

2025 SEWER FUND \$ **722.72**

December 31, 2025 balance... \$ 1,597,722.72

CAPITAL FUND

January 1, 2025 balance... \$ 15,456,000.00

RECEIPTS	2023 Actual	2024 Budget	2024 Projected	2025 Budget
Interest	\$ 820,334.39	\$ 960,000.00	\$ 920,500.00	\$ 804,000.00
Intergov. Entitlements	\$ -	\$ -	\$ -	\$ -
Other Government Levels	\$ 802,455.00	\$ 382,000.00	\$ 237,906.00	\$ 50,000.00
Fees	\$ 57,074.00	\$ 16,204.00	\$ 68,183.77	\$ 16,204.00
Transfers In	\$ 1,894,934.19	\$ 934,956.73	\$ 934,956.73	\$ 1,009,691.69
	\$ 3,574,797.58	\$ 2,293,160.73	\$ 2,161,546.50	\$ 1,879,895.69

EXPENDITURES	2023 Actual	2024 Budget	2024 Projected	2025 Budget
General Government	\$ 32,639.47	\$ 70,300.00	\$ 30,011.00	\$ 96,000.00
Public Works	\$ 1,435,303.06	\$ 1,928,028.62	\$ 1,916,938.00	\$ 1,955,243.42
Parks & Recreation	\$ 1,018,507.30	\$ 705,800.00	\$ 389,500.00	\$ 667,800.00
	\$ 2,486,449.83	\$ 2,704,128.62	\$ 2,336,449.00	\$ 2,719,043.42

2025 CAPITAL FUND \$ (839,147.73)

December 31, 2025 balance... \$ 14,616,852.27

**TOWNSHIP OF WORCESTER
MONTGOMERY COUNTY, PENNSYLVANIA**

ORDINANCE 2024-_____

**AN ORDINANCE AMENDING THE TOWNSHIP CODE TO PROVIDE PARKING
RESTRICTIONS ON CHURCH ROAD**

WHEREAS, from time to time, corrections and other revisions are required to be made to Township Code of Worcester Township;

WHEREAS, upon receipt of an engineering and traffic study indicating that the parking of vehicles on certain portions of Church Road impedes sight distance and would constitute a safety hazard;

WHEREAS, pursuant to the authority granted under the Second Class Township Code, as amended, and the Vehicle Code, 75 Pa. C.S.A 3353(d), the Board of Supervisors of Worcester Township has determined that it is in the best interests of the Township to amend the Township Code as set forth herein below.

NOW, THEREFORE, the Board of Supervisors of Worcester Township, Montgomery County, Pennsylvania, hereby ordains and enacts as follows:

SECTION I

1. Chapter 145, §145-2.A, No-parking zones established, is hereby amended to add the following location for a “no-parking zone”:

Street:	Location:
Church Road	Western side of road from the north of Wheatsheaf Lane to the boundary of Lower Providence Township

SECTION II

1. In the event that any section, subsection or portion of this Ordinance shall be declared by any competent court to be invalid for any reason, such decision shall not be deemed to affect the validity of any other section, subsection or portion of this Ordinance. The invalidity of section, clause, sentence, or provision of this Ordinance shall not affect the validity of any other part of this Ordinance, which can be given effect without such invalid part or parts. It is hereby declared to be the intention of the Township that this Ordinance would have been adopted had such invalid section, clause, sentence, or provision not been included therein.
2. To the extent this Ordinance is inconsistent with the Code of Worcester Township, the provisions of this Ordinance shall take precedence. All Ordinances or parts of Ordinances in conflict herewith are hereby repealed.
3. The failure of the Township to enforce any provision of this Ordinance shall not constitute a waiver by the Township of its rights of future enforcement hereunder.

4. This Ordinance shall become effective immediately upon enactment.

ENACTED AND ORDAINED by the Supervisors of the Township of Worcester, Montgomery County, Pennsylvania on this _____ day of _____, 2024.

FOR WORCESTER TOWNSHIP

By: _____

Richard DeLello, Chair
Board of Supervisors

Attest: _____

Dan DeMeno, Secretary



August 22, 2024

Mr. John J. Finnigan, Jr., Interim Township Manager
Township of Worcester
1721 Valley Forge Road
PO Box 767
Worcester, PA 1940-0767

RE: Sight Distance Evaluation
Church Road and Wheatsheaf Lane
Worcester Township, Montgomery County, PA
Project No. 313982-24-001

Dear John:

As requested by the Township based on concerns raised by some residents, Bowman Consulting Group (Bowman) has completed a sight distance evaluation at the intersection of Church Road and Wheatsheaf Lane in Worcester Township, Montgomery County, PA. The purpose of the evaluation was to determine the availability of sight distance for vehicles egressing Wheatsheaf Lane onto Church Road and to discern if the parking of vehicles along the curbline on the western side of Church Road to the north and south of Wheatsheaf Lane restricts the sight distance required for the safety of vehicles pulling out of Wheatsheaf Lane onto Church Road. As noted by the Township, there are vehicles currently parking along the curbline on the western side of Church Road, most of which appear to be the vehicles of residents in the adjacent Wheatsheaf Village neighborhood. Based upon our field observations of a few instances, these vehicles were parked along the curbline on the western side of Church Road to the south of Wheatsheaf Lane and included a truck and passenger vehicle that appear to be a combination of commercial/contractor vehicles of residents in the adjacent Wheatsheaf Village neighborhood. In addition, there was physical evidence of vehicles parking along the curbline on the western side of Church Road to the north of Wheatsheaf Lane based on vehicle fluid marks on the roadway.

EXISTING ROADWAY CONDITIONS

Church Road, which is designated as a local Township roadway in the vicinity of Wheatsheaf Lane, is generally oriented in a north-south direction with an approximate 32-foot cartway width that is striped to provide a single travel lane in each direction with a posted speed limit of 35 miles per hour. The boundary with Lower Providence Township crosses Church Road at the horizontal curve approximately 460 feet south of Wheatsheaf Lane. Wheatsheaf Lane, a local Township roadway, is generally oriented in an east-west direction with a cartway width of approximately 40 to 46 feet and no posted speed limit. The ingress and egress lanes for Wheatsheaf Lane are divided by a landscaped median.

SIGHT DISTANCE EVALUATION

Based upon concerns raised to Worcester Township staff, an evaluation of the existing available sight distances were conducted at the intersection of Church Road and Wheatsheaf Lane to determine if adequate sight distance is available for the Wheatsheaf Lane egress movements, as well as the northbound Church

Road left-turn, ingress movement, based upon the minimum intersection sight distance requirements from *A Policy on Geometric Design of Highways and Streets* published by the American Association of State Highway and Transportation Officials (AASHTO). The sight distance measurements for the egress movements from Wheatsheaf Lane were thus measured from 14.5 feet back from the edge of the nearest (southbound) travel lane of Church Road. Photographs depicting the lines of sight for available sight distance are provided in **Attachment A**.

Table 1 provides a summary of the required and available sight distance for the intersection of Church Road and Wheatsheaf Lane with a graphic illustrating the required sight distance triangle provided in **Attachment B**.

Table 1 – Church Road and Wheatsheaf Lane

Movement	Direction	Posted Speed (mph)	Approach Grades	AASHTO Intersection Sight Distance Requirements ⁽¹⁾ (feet)	Available Sight Distance (feet)	Meets Criteria
Exiting	Looking Left	35	+2%	390	285 ⁽²⁾	No
	Looking Right	35	-4%	390	185 ⁽²⁾	No
Left-Turn Entering	Looking Ahead	35	+2%	285	> 500	Yes
	From the Rear	35	-4%	285	> 500	Yes

- (1) Based on AASHTO guidelines as contained in Tables 9-7 and 9-9 for vehicles making left (390 feet) and right (335 feet) turns from stop-controlled approaches. For left-turn ingress movements along the main roadway, the required sight distance is from Table 9-17.
- (2) Sight distance looking to the left is limited due to vegetation, sight distance looking to the right is limited due to vehicles parked along the curbline on the western side of Church Road.

As noted in Table 1, the sight distance looking to the left when exiting Wheatsheaf Lane is limited due to vegetation along the site frontage of the adjacent property to the north (which would be further exacerbated and limited if vehicles were parked in this shoulder), and the sight distance looking to the right when exiting Wheatsheaf Lane is limited due to vehicles currently parking along the curbline on the western side of Church Road.

RECOMMENDATIONS

Based on our evaluation and the graphic illustration in **Attachment B** of the required egressing sight distance from Wheatsheaf Lane showing the Intersection Sight Distance triangle at the posted speed limit of 35 mph along Church Road, it is Bowman’s recommendation that the areas along the curblines on both sides of Wheatsheaf Lane be kept free and clear of physical obstructions, such as parked vehicles, in order to maximize sight distance for egressing vehicles and not impede on a clear intersection triangle for approaching motorists to see the intersection. We recommend implementing the following items at this intersection to assist with the flow of traffic out of Wheatsheaf Lane as well as prevent vehicles from parking along the curbline on the western side of Church Road and obstructing the view of drivers exiting Wheatsheaf Lane onto Church Road:

- Parking should be restricted along the western side of Church Road for the length of the entire curbline (approximately 175 feet) to the north of Wheatsheaf Lane and for a minimum of

approximately 235 feet, but as much as a maximum of approximately 460 feet to the south of Wheatsheaf Lane (at the boundary with Lower Providence Township) via the installation of "No Parking" (R7-302) signs with "Tow Away Zone" (R7-201AP) signs below each to reinforce them. The benefit of extending the parking restriction to the township boundary will enhance the safety for vehicles traversing the horizontal curve on Church Road.

- The Township should remove and/or trim the vegetation/trees within the Township right-of-way along the site frontage of the adjacent properties to the north along Church Road to improve sight distance looking to the left for vehicles exiting Wheatsheaf Lane. If it is determined that the removal of vegetation/trees within the right-of-way is not sufficient to provide the necessary sight distance, we recommend the Township contact the owner of the adjacent properties to the north to discuss the possibility of removing and/or trimming the vegetation/trees in order to improve sight distance looking to the left for vehicles exiting Wheatsheaf Lane.

We trust that this letter responds to your request regarding the sight distance evaluation for the intersection of Church Road and Wheatsheaf Lane. If the Township has any questions, or requires further clarification, please feel free to contact me or the project manager, Chad Dixson, AICP, PP.

Sincerely,



Casey A. Moore, P.E
EVP/Regional Manager, Transportation

CAM/CED/BMJ

cc: Christian Jones, MPA, Assistant Township Manager
Bob D'Hulster, Township Public Works Director
John Evarts, P.E., Township Engineer
Wendy Feiss McKenna, Esquire, Township Solicitor

V:\313982 - Worcester Twp PA\313982-24-001 (TRA) - ChurchRd_WheatsheafLn\Engineering\Traffic\Working_Documents\2024-08-22 Church Road and Wheatsheaf Lane Sight Distance Evaluation.docx

The top of the page features a dark green triangular shape on the left containing the word "Bowman" in white. To the right, an aerial photograph of a roundabout with a central tree island is visible, partially overlapping the green shape.

Bowman

ATTACHMENT A

Sight Distance Photographs

Sight Distance Photographs – Church Road and Wheatsheaf Lane

Looking to the left from 14.5 feet back from edge of Church Road travel lane



Sight Distance Photographs – Church Road and Wheatsheaf Lane

Looking to the right from 14.5 feet back from edge of Church Road travel lane



Sight Distance Photographs – Church Road and Wheatsheaf Lane

Looking ahead for left-turning vehicle from Church Road onto Wheatsheaf Lane



Sight Distance Photographs – Church Road and Wheatsheaf Lane

Looking to the rear for left-turning vehicle from Church Road onto Wheatsheaf Lane



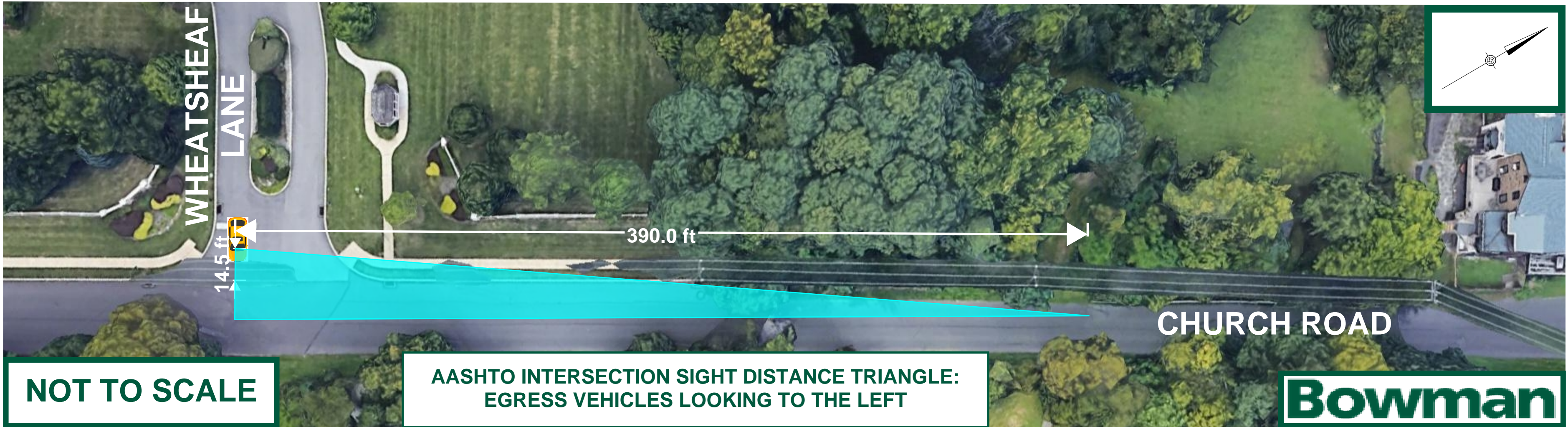
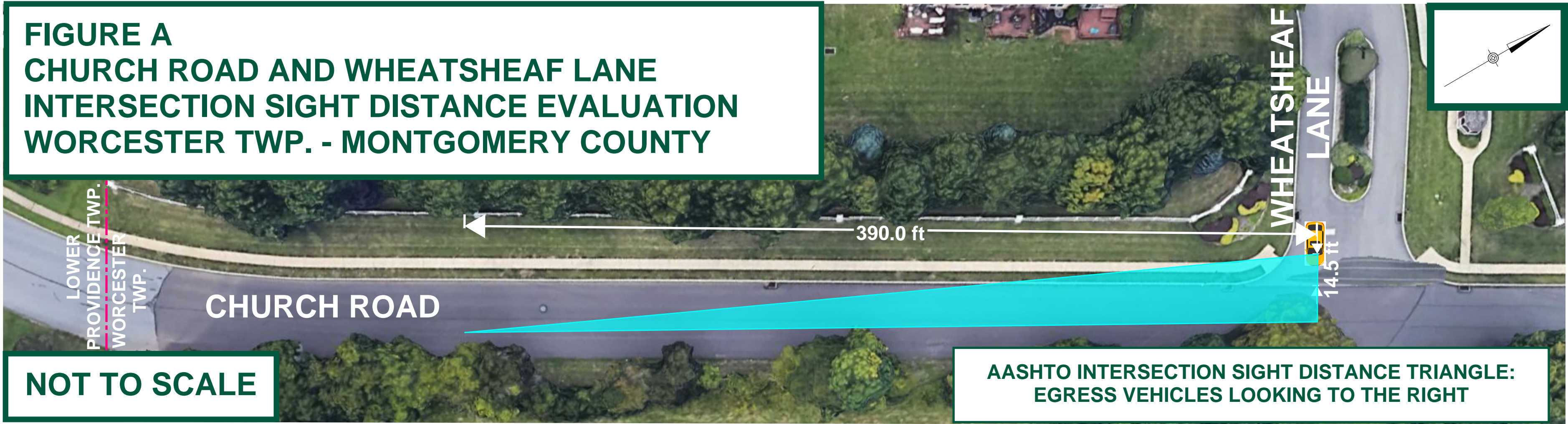


Bowman

ATTACHMENT B

Sight Distance Triangles

**FIGURE A
CHURCH ROAD AND WHEATSHEAF LANE
INTERSECTION SIGHT DISTANCE EVALUATION
WORCESTER TWP. - MONTGOMERY COUNTY**



**TOWNSHIP OF WORCESTER
MONTGOMERY COUNTY, PENNSYLVANIA**

RESOLUTION 2024-08

A RESOLUTION AUTHORIZING THE SUBMISSION OF A GRANT APPLICATION FOR THE 2024 FUNDING ROUND OF THE DEPARTMENT OF COMMUNITY & ECONOMIC DEVELOPMENT (DCED) LOCAL SHARE ACT GRANT PROGRAM

WHEREAS, the Commonwealth of Pennsylvania has established the Local Share Act Grant Program as a competitive funding program to assist municipalities in supporting projects in the public interest of Commonwealth citizens; and

WHEREAS, applications and projects must meet all stated requirements within the Local Share Act grant program guidelines; and

WHEREAS, Worcester Township as received previous funding from other grant programs to design Phase 1 of the Valley Forge Corridor Improvement Project designed to address congestion and other traffic concerns on State Route 363 (Valley Forge Road); and

WHEREAS, Worcester Township wishes to obtain \$1,000,000 from the Local Share Act Grant Program to provide funding to supplement other funding sources to construct Phase 1 of the Valley Forge Corridor Improvement Project; and

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE BOARD OF SUPERVISORS OF WORCESTER TOWNSHIP, AS FOLLOWS:

1. Worcester Township is authorized to apply for Local Share Account (LSA) funding in the amount of \$1,000,000 for the construction of Phase 1 of the Valley Forge Corridor Improvement Project.
2. The Township Manager is authorized and directed to submit said application.
3. The Chairman of the Board of Supervisors and Township Manager are authorized to sign the grant application and any associated grant documentation.

RESOLVED and **ENACTED** this 17th day of October, 2024 by the Worcester Township Board of Supervisors.

FOR WORCESTER TOWNSHIP

By: _____

Richard DeLello, Chairman
Board of Supervisors

Attest: _____

Daniel DeMeno, Secretary

**TOWNSHIP OF WORCESTER
MONTGOMERY COUNTY, PENNSYLVANIA**

RESOLUTION 2024-09

A RESOLUTION AUTHORIZING THE SUBMISSION OF A GRANT APPLICATION FOR THE 2024 FUNDING
ROUND OF THE DEPARTMENT OF COMMUNITY & ECONOMIC DEVELOPMENT (DCED) LOCAL SHARE ACT
GRANT PROGRAM

WHEREAS, the Commonwealth of Pennsylvania has established the Local Share Act Grant Program as a competitive funding program to assist municipalities in supporting projects in the public interest of Commonwealth citizens; and

WHEREAS, applications and projects must meet all stated requirements within the Local Share Act Grant Program guidelines; and

WHEREAS, Worcester Township wishes to obtain \$1,000,000 from the Local Share Act Grant Program to provide funding for mission critical infrastructure improvements for the Worcester Volunteer Fire Department

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE BOARD OF SUPERVISORS OF WORCESTER TOWNSHIP, AS FOLLOWS:

1. Worcester Township is authorized to apply for Local Share Account (LSA) funding in the amount of \$1,000,000 on the behalf of the Worcester Volunteer Fire Department for a variety of mission critical infrastructure projects.
2. The Township Manager is authorized and directed to submit said application.
3. The Chairman of the Board of Supervisors and Township Manager are authorized to sign the grant application and any associated grant documentation.

RESOLVED and **ENACTED** this 17th day of October, 2024 by the Worcester Township Board of Supervisors.

FOR WORCESTER TOWNSHIP

By: _____

Richard DeLello, Chairman
Board of Supervisors

Attest: _____

Daniel DeMeno, Secretary

CKS ENGINEERS

Page 1 of 3

Date: October 10, 2024

**WORCESTER TOWNSHIP
2024 ROADWAY IMPROVEMENT PROGRAM**

CONTRACT NO. 7200-208-24

Bid Amount: \$1,162,350.11

Estimate No. One (1) - Final

Work Performance Cut-Off Date: October 10, 2024

Value of Work Complete to Date Under:		
Materials	\$1,143,581.86	
Change Orders (Page #)	\$0.00	
Total Value of Work Completed to Date		\$1,143,581.86
Previous Total Value of Work Completed		\$0.00
Value of Work Completed this Estimate		\$1,143,581.86
Retainage (0% of Total Value of Work Completed to Date)		\$0.00
Total Value of Work Completed to Date, less Retainage		\$1,143,581.86
Total Value of Work Completed, Previously Certified		\$0.00
Amount to be Paid to Contractor Under this Estimate		\$1,143,581.86

The sum of One Million, One Hundred Forty-Three Thousand, Five Hundred Eighty-One Dollars and Eighty-Six Cents (\$1,143,581.86) is payable to Allan Myers, L.P. as a payment for work completed under this Estimate.

Approved: Date _____ Approved: Date _____

Allan Myers, L.P.

CKS Engineers

By: _____ By: _____

Approved: Date _____

Worcester Township

By: _____

CKS ENGINEERS

Page 2 of 3

Date: October 10, 2024
 Estimate No. One (1) - Final

WORCESTER TOWNSHIP

2024 ROADWAY IMPROVEMENT PROGRAM

CONTRACT NO. 7200-208-24

Bid Amount: \$1,162,350.11

Item No.	Description	Units	Qty.	Unit Prices	Amount/ Percent Complete	Total Item Prices
BASE BID ROADS: AYERSHIRE DRIVE, CONRAD WAY, DOTTS WAY, DRAKE ROAD, LOCUST DRIVE, MANN ROAD, NYCE WAY, SCHEID WAY, SUNNY AYRE DRIVE, WARNER ROAD AND SHEARER ROAD						
1	Rolled Curb Replacements (ADA)	LF	576	\$119.88	592.66	\$71,048.08
2	Concrete Sidewalk Replacements (ADA)	SF	3,376	\$24.41	2,485	\$60,658.85
3	Concrete Cheek Wall (ADA)	LF	25	\$76.27		\$0.00
4	Truncated Dome Inserts (30 Ramps) (ADA)	SF	240	\$50.84	240	\$12,201.60
5	Rolled Curb Replacements (Property Owner)	LF	389	\$116.94	431.25	\$50,430.38
6	Rolled Driveway Depression Curb Replacements (Property Owner) Concrete Apron	LF	111	\$122.03	186.5	\$22,758.60
7	Rolled Driveway Depression Curb Replacements (Property Owner) - Asphalt Apron	LF	83	\$142.36	130.42	\$18,566.59
8	Replace 4' Type "C" Inlet Top	EA	13	\$1,981.89	13	\$25,764.57
9	Pavement Repair - Type I (3" 19 mm Binder)	SY	26	\$60.40		\$0.00
10	Pavement Repair - Type II (5" 25 mm Binder)	SY	48	\$48.37	100	\$4,837.00
11	Full-Width Mill (1-1/2" Depth)	SY	61,413	\$2.01	59,986.97	\$120,573.81
12	Leveling/Scratch Course	TON	505	\$97.64		\$0.00
13	Wearing Course	TON	5,831	\$95.58	6,157.99	\$588,580.68
SUBTOTAL BASE CONTRACT						\$975,420.16
ALTERNATE/ADD-ON NO. 1 (ADMIN. BUILDING PARKING LOT)						
14	Full-Width Mill (1-1/2" Depth)	SY	4,496	\$2.47	4,667	\$11,527.49
15	Leveling/Scratch Course	TON	20	\$106.34		\$0.00
16	Wearing Course	TON	430	\$107.99	445.11	\$48,067.43
17	Replace Pavement Marking (70 Spaces - 2 HC)	LS	1	\$1,606.11	100%	\$1,606.11

WORCESTER TOWNSHIP
2024 ROADWAY IMPROVEMENT PROGRAM
CONTRACT NO. 7200-208-24
Bid Amount: \$1,162,350.11

Item No.	Description	Units	Qty.	Unit Prices	Amount/ Percent Complete	Total Item Prices
18	Traffic Calming Device with Pavement Markings	EA	1	\$6,117.25	1	\$6,117.25
SUBTOTAL - ALTERNATE/ADD-ON NO. 1						\$67,318.28
ALTERNATE/ADD-ON NO. 2 (FIRE HOUSE PARKING AREA/ACCESS DRIVE)						
19	Pavement Repair - Type I (3" 19 mm Binder)	SY	25	\$62.53		\$0.00
20	Curblin/Intersection/Driveway Milling (5' Wide)	LF	525	\$7.92	525	\$4,158.00
21	Leveling/Scratch Course	TON	20	\$106.34		\$0.00
22	Wearing Course	TON	420	\$105.92	469.45	\$49,724.14
23	Replace Pavement Markings (44 Spaces - 2 HC)	LS	1	\$2,004.26	100%	\$2,004.26
SUBTOTAL - ALTERNATE ADD-ON NO. 2						\$55,886.40
ALTERNATE/ADD-ON NO. 3 (PUBLIC WORKS FACILITY)						
24	Pavement Repair - Type I (3" 19 mm Binder)	SY	22	\$47.97		\$0.00
25	Curblin/Intersection/Driveway Milling (5' Wide)	LF	500	\$5.35	500	\$2,675.00
26	Leveling/Scratch Course	TON	20	\$106.34		\$0.00
27	Wearing Course	TON	325	\$116.96	356.37	\$41,681.04
28	Replace Pavement Markings (9 Spaces - 1 HC)	LS	1	\$600.98	100%	\$600.98
SUBTOTAL - ALTERNATE ADD-ON NO. 3						\$44,957.02
TOTAL						\$1,143,581.86