

**TREASURER'S REPORT
AND OTHER MONTHLY REPORTS**

APRIL 2022

1. Treasurer's Report
2. Planning & Parks Report
3. Permit Activity Report
4. Public Works Department Report
5. Fire Marshal Report
6. Township Engineer Report
7. Worcester Volunteer Fire Department Report
8. Ambulance Report
9. Pennsylvania State Police Report

CASH FLOW REPORT

April 2022

CASH FLOW BY FUND

GF GENERAL FUND

	YTD	budgeted	percent
rec	\$ 1,712,191	\$ 1,082,224	158%
exp	\$ 1,049,898	\$ 1,182,628	89%

SF SEWER FUND

	YTD actual	budgeted	percent
rec	\$ 298,665	\$ 303,045	99%
exp	\$ 232,412	\$ 358,536	65%

CF CAPITAL FUND

	YTD	budgeted	percent
rec	\$ 59,911	\$ 515,041	12%
exp	\$ 417,201	\$ 1,526,501	27%

LF LIQUID FUELS FUND

	YTD	budgeted	percent
rec	\$ 347,191	\$ 339,010	102%
exp	\$ -	\$ -	100%

CASH FLOW FOR KEY LINE ITEMS

GF	earned income tax	121%
GF	real estate transfer tax	383%
GF	building permits	812%
GF	franchise fees	105%
GF	cell tower rental	105%
GF	public works	86%
GF	management	86%
GF	code enforcement	81%
GF	clerical	67%
GF	fire protection	99%

SF	residential sewer fees	93%
SF	commercial sewer fees	131%
SF	tapping fees	86%
SF	wastewater plant operations	81%
SF	wastewater plant utilities	70%
SF	capital improvements	58%

CF	General Fund transfer	100%
CF	grants	10%
CF	traffic impact fees	0%
CF	capital roads	18%
CF	parks and trails	51%
CF	equipment	87%

LF	liquid fuel funds	102%
LF	road maintenance	100%

TOWNSHIP OF WORCESTER

Statement of Revenue and Expenditures

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: 04/30/22
Current Period: 04/01/22 to 04/30/22
Prior Year: 04/01/21 to 04/30/21

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Cancel	Excess/Deficit	% Real
001-301-100-000	Property Taxes- Current	\$46,974.40	\$46,590.00	\$30,883.25	\$45,731.00	\$0.00	-\$859.00	98%
001-301-500-000	Property Taxes- Liened	\$839.99	\$500.00	\$148.80	\$290.38	\$0.00	-\$209.62	58%
001-301-600-000	Property Taxes- Interim	\$564.24	\$200.00	\$101.84	\$278.60	\$0.00	\$78.60	139%
	Segment 3 301 Total	\$48,378.63	\$47,290.00	\$31,133.89	\$46,299.98	\$0.00	-\$990.02	98%
001-310-030-000	Per Capita Taxes- Delinquent	\$713.90	\$525.00	\$14.30	\$41.80	\$0.00	-\$483.20	8%
001-310-100-000	Real Estate Transfer Taxes	\$754,016.00	\$375,000.00	\$125,022.55	\$257,076.84	\$0.00	-\$117,923.16	69%
001-310-210-000	Earned Income Taxes	\$3,022,591.89	\$2,725,000.00	\$158,980.34	\$325,475.94	\$0.00	-\$2,399,524.06	12%
001-310-220-000	Earned Income Taxes- Prior Year	\$0.00	\$25.00	\$0.00	\$0.00	\$0.00	-\$25.00	0%
	Segment 3 310 Total	\$3,777,321.79	\$3,100,550.00	\$284,017.19	\$582,594.58	\$0.00	-\$2,517,955.42	19%
001-321-800-000	Franchise Fees	\$214,587.79	\$208,000.00	\$0.00	\$0.00	\$0.00	-\$208,000.00	0%
001-322-820-000	Road Opening Permits	\$605.00	\$300.00	\$0.00	\$165.00	\$0.00	-\$135.00	55%
001-322-900-000	Sign Permits	\$180.00	\$100.00	\$0.00	\$145.00	\$0.00	\$45.00	145%
001-322-910-000	Yard Sale Permits	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-322-920-000	Solicitation Permits	\$1,040.00	\$500.00	\$0.00	\$100.00	\$0.00	-\$400.00	20%
	Segment 3 322 Total	\$1,825.00	\$900.00	\$0.00	\$410.00	\$0.00	-\$490.00	46%
001-331-120-000	Ordinance Violations	\$1,719.57	\$1,600.00	\$336.42	\$2,177.47	\$0.00	\$577.47	136%
001-341-000-000	Interest Earnings	\$640.64	\$500.00	\$45.71	\$114.06	\$0.00	-\$385.94	23%
001-342-000-000	Rents & Royalties	\$19,217.46	\$19,654.63	\$0.00	\$5,018.07	\$0.00	-\$14,636.56	26%
001-342-120-000	Cell Tower Rental	\$195,866.55	\$174,000.00	\$12,112.26	\$60,650.96	\$0.00	-\$113,349.04	35%
	Segment 3 342 Total	\$215,084.01	\$193,654.63	\$12,112.26	\$65,669.03	\$0.00	-\$127,985.60	34%
001-355-010-000	Public Utility Realty Tax	\$2,721.71	\$2,721.71	\$0.00	\$0.00	\$0.00	-\$2,721.71	0%
001-355-040-000	Alcohol License Fees	\$200.00	\$600.00	\$0.00	\$0.00	\$0.00	-\$600.00	0%
001-355-050-000	General Municipal Pension State Aid	\$57,567.39	\$57,567.39	\$0.00	\$0.00	\$0.00	-\$57,567.39	0%
001-355-070-000	Volunteer Fire Relief Association	\$81,072.20	\$81,072.20	\$0.00	\$0.00	\$0.00	-\$81,072.20	0%
	Segment 3 355 Total	\$141,561.30	\$141,961.30	\$0.00	\$0.00	\$0.00	-\$141,961.30	0%

Statement of Revenue and Expenditures

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Cancel	Excess/Deficit	% Real
001-361-300-000	Land Development Fees	\$2,715.00	\$3,000.00	\$0.00	\$25,680.00	\$0.00	\$22,680.00	856%
001-361-330-000	Conditional Use Fees	\$0.00	\$900.00	\$0.00	\$0.00	\$0.00	-\$900.00	0%
001-361-340-000	Zoning Hearing Board Fees	\$12,900.00	\$11,900.00	\$1,700.00	\$5,505.00	\$0.00	-\$6,395.00	46%
001-361-500-000	Map And Publication Sales	\$1.00	\$5.00	\$0.00	\$7.00	\$0.00	\$2.00	140%
	Segment 3 361 Total	\$15,616.00	\$15,805.00	\$1,700.00	\$31,192.00	\$0.00	\$15,387.00	197%
001-362-410-000	Building Permit Fees	\$358,843.17	\$200,000.00	\$46,044.91	\$154,264.54	\$0.00	-\$45,735.46	77%
001-362-420-000	Zoning Permit Fees	\$40,672.00	\$27,500.00	\$7,377.50	\$18,960.00	\$0.00	-\$8,540.00	69%
001-362-450-000	Commercial U&O Fees	\$200.00	\$200.00	\$0.00	\$0.00	\$0.00	-\$200.00	0%
001-362-460-000	Driveway Permit Fees	\$3,227.50	\$1,500.00	\$1,080.00	\$2,052.50	\$0.00	\$552.50	137%
	Segment 3 362 Total	\$402,942.67	\$229,200.00	\$54,502.41	\$175,277.04	\$0.00	-\$53,922.96	76%
001-367-400-000	PRPS Ticket Sales	\$76.00	\$950.00	\$0.00	\$0.00	\$0.00	-\$950.00	0%
001-367-408-000	Sports & Lesson Fees	\$4,139.00	\$3,400.00	\$375.00	\$1,155.00	\$0.00	-\$2,245.00	34%
001-367-420-000	Park Miscellaneous	\$14,018.56	\$13,300.00	\$1,406.50	\$7,261.25	\$0.00	-\$6,038.75	55%
	Segment 3 367 Total	\$18,233.56	\$17,650.00	\$1,781.50	\$8,416.25	\$0.00	-\$9,233.75	48%
001-381-000-000	Miscellaneous Income	\$14,571.42	\$1,000.00	\$353.75	\$9,287.43	\$0.00	\$8,287.43	929%
001-381-001-000	Service Charge Fees	\$301.14	\$225.00	\$56.94	\$133.81	\$0.00	-\$91.19	59%
	Segment 3 381 Total	\$14,872.56	\$1,225.00	\$410.69	\$9,421.24	\$0.00	\$8,196.24	769%
001-383-200-000	Escrow Administration	\$1,540.00	\$880.00	\$0.00	\$0.00	\$0.00	-\$880.00	0%
001-395-000-000	Refund of Prior Year Expenditures	\$104.00	\$0.00	\$0.00	\$1,891.82	\$0.00	\$1,891.82	0%
	Fund 001 Revenue Total	\$4,854,427.52	\$3,959,215.93	\$386,040.07	\$923,463.47	\$0.00	-\$3,035,752.46	23%
Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
001-400-000-000	LEGISLATIVE BODY:	\$0.00	\$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	\$2,520.00	\$0.00	\$4,980.00	34%
001-400-150-000	Legislative- Benefits	\$28,778.33	\$33,136.74	\$2,425.55	\$9,702.20	\$0.00	\$23,434.54	29%
001-400-312-000	Legislative- Consultant Services	\$39,037.50	\$26,423.50	\$4,555.50	\$16,555.50	\$0.00	\$9,868.00	63%
001-400-337-000	Legislative- Mileage Reimbursement	\$0.00	\$400.00	\$0.00	\$0.00	\$0.00	\$400.00	0%
001-400-420-000	Legislative- Dues & Subscriptions	\$3,415.00	\$4,495.00	\$250.00	\$250.00	\$0.00	\$4,245.00	6%

Statement of Revenue and Expenditures

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
001-405-140-000	Clerical- Payroll	\$51,911.26	\$65,192.82	\$2,884.80	\$10,735.66	\$0.00	\$54,457.16	16%
001-405-150-000	Clerical- Benefits	\$11,354.16	\$13,867.56	\$820.22	\$3,120.08	\$0.00	\$10,747.48	22%
001-405-210-000	Clerical- Office Supplies	\$4,415.34	\$6,700.00	\$837.34	\$1,911.86	\$0.00	\$4,788.14	29%
001-405-310-000	Payroll Services	\$16,781.55	\$18,657.00	\$1,316.74	\$5,262.46	\$0.00	\$13,394.54	28%
001-405-321-000	Clerical- Telephone	\$3,789.16	\$4,773.00	\$265.21	\$1,059.83	\$0.00	\$3,713.17	22%
001-405-325-000	Clerical- Postage	\$4,116.46	\$4,955.00	\$602.94	\$1,612.92	\$0.00	\$3,342.08	33%
001-405-337-000	Clerical- Mileage Reimbursement	\$167.86	\$240.00	\$0.00	\$0.00	\$0.00	\$240.00	0%
001-405-340-000	Clerical- Advertisement	\$4,606.34	\$6,300.00	\$1,178.52	\$1,628.31	\$0.00	\$4,671.69	26%
001-405-460-000	Clerical- Meetings & Seminars	\$0.00	\$1,840.00	\$0.00	\$296.80	\$0.00	\$1,543.20	16%
001-405-465-000	Clerical- Computer Expense	\$79,740.46	\$66,623.00	\$2,689.83	\$15,679.38	\$0.00	\$50,943.62	24%
001-405-470-000	Clerical- Other Expense	\$5,325.28	\$6,828.00	\$702.81	\$1,611.57	\$0.00	\$5,216.43	24%
	Segment 3 405 Total	\$182,207.87	\$195,976.38	\$11,298.41	\$42,918.87	\$0.00	\$153,057.51	22%
001-408-000-000	ENGINEERING SERVICES:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-408-310-000	Engineering Services	\$25,280.49	\$30,250.00	\$2,259.42	\$6,858.22	\$0.00	\$23,391.78	23%
	Segment 3 408 Total	\$25,280.49	\$30,250.00	\$2,259.42	\$6,858.22	\$0.00	\$23,391.78	23%
001-409-000-000	GOVERNMENT BUILDINGS & PLANT:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-409-136-000	Administration- Utilities	\$7,388.45	\$10,164.00	\$1,209.70	\$3,677.28	\$0.00	\$6,486.72	36%
001-409-137-000	Administration- Maintenance & Repairs	\$12,526.46	\$17,136.00	\$874.10	\$4,107.67	\$0.00	\$13,028.33	24%
001-409-142-000	Administration- Alarm Service	\$2,870.43	\$4,008.00	\$200.75	\$1,718.99	\$0.00	\$2,289.01	43%
001-409-147-000	Administration- Other Expenses	\$1,094.96	\$2,400.00	\$52.90	\$1,071.30	\$0.00	\$1,328.70	45%
001-409-236-000	Garage- Utilities	\$12,803.69	\$15,300.00	\$1,341.06	\$7,208.76	\$0.00	\$8,091.24	47%
001-409-237-000	Garage- Maintenance & Repairs	\$10,283.08	\$10,968.00	\$623.03	\$2,960.74	\$0.00	\$8,007.26	27%
001-409-242-000	Garage- Alarm Service	\$2,644.55	\$2,604.00	\$133.19	\$532.76	\$0.00	\$2,071.24	20%
001-409-247-000	Garage- Other Expenses	\$1,079.36	\$1,440.00	\$35.92	\$157.98	\$0.00	\$1,282.02	11%
001-409-436-000	Community Hall- Utilities	\$4,886.94	\$6,060.00	\$1,127.09	\$3,546.18	\$0.00	\$2,513.82	59%
001-409-437-000	Community Hall- Maintenance & Repairs	\$6,392.57	\$5,892.00	\$265.00	\$1,598.80	\$0.00	\$4,293.20	27%
001-409-447-000	Community Hall- Other Expenses	\$519.95	\$660.00	\$0.00	\$0.00	\$0.00	\$660.00	0%
001-409-536-000	Historical Bldg- Utilities	\$1,297.33	\$4,952.50	\$1,709.31	\$3,344.77	\$0.00	\$1,607.73	68%

Statement of Revenue and Expenditures

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
001-409-537-000	Historical Bldg- Maintenance & Repairs	\$2,579.11	\$1,608.00	\$0.00	\$94.91	\$0.00	\$1,513.09	6%
001-409-636-000	Hollow Rd Rental- Utilities	\$0.00	\$250.00	\$0.00	\$0.00	\$0.00	\$250.00	0%
001-409-637-000	Hollow Rd Rental- Maintenance & Repairs	\$688.75	\$4,008.00	\$0.00	\$7,890.00	\$0.00	-\$3,882.00	197%
001-409-737-000	Springhouse- Maintenance & Repairs	\$0.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$1,000.00	0%
	Segment 3 409 Total	\$67,055.63	\$88,450.50	\$7,572.05	\$37,910.14	\$0.00	\$50,540.36	43%
001-411-000-000	FIRE:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-411-380-000	Fire Protection- Hydrant Rentals	\$27,698.38	\$27,702.00	\$848.59	\$878.97	\$0.00	\$26,823.03	3%
001-411-540-000	Fire Protection- WVFD Contributions	\$348,620.20	\$357,297.20	\$0.00	\$267,525.00	\$0.00	\$89,772.20	75%
	Segment 3 411 Total	\$376,318.58	\$384,999.20	\$848.59	\$268,403.97	\$0.00	\$116,595.23	70%
001-413-000-000	UCC & CODE ENFORCEMENT:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-413-110-000	Fire Marshal- Payroll	\$5,047.89	\$9,291.32	\$210.57	\$1,459.16	\$0.00	\$7,832.16	16%
001-413-110-150	Fire Marshal- Benefits	\$3,831.99	\$4,527.72	\$320.42	\$1,357.29	\$0.00	\$3,170.43	30%
001-413-140-000	Code Enforcement- Payroll	\$29,061.43	\$40,705.60	\$3,123.20	\$10,850.66	\$0.00	\$29,854.94	27%
001-413-150-000	Code Enforcement- Benefits	\$8,332.47	\$18,012.33	\$1,465.09	\$5,564.90	\$0.00	\$12,447.43	31%
001-413-210-000	Code Enforcement- Supplies	\$1,345.00	\$8,105.00	\$25.00	\$1,220.00	\$0.00	\$6,885.00	15%
001-413-312-000	Code Enforcement- Consultant Services	\$58,956.25	\$77,133.26	\$6,030.00	\$20,590.00	\$0.00	\$56,543.26	27%
001-413-321-000	Code Enforcement- Mobile Phone	\$240.48	\$300.00	\$20.04	\$60.12	\$0.00	\$239.88	20%
001-413-337-000	Code Enforcement- Mileage Reimbursement	\$637.89	\$960.00	\$22.29	\$137.54	\$0.00	\$822.46	14%
001-413-460-000	Code Enforcement- Meetings & Seminars	\$232.62	\$600.00	\$30.00	\$220.00	\$0.00	\$380.00	37%
	Segment 3 413 Total	\$107,686.02	\$159,635.23	\$11,246.61	\$41,459.67	\$0.00	\$118,175.56	26%
001-414-000-000	PLANNING & ZONING:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-414-140-000	Zoning- Payroll	\$1,300.00	\$4,000.00	\$400.00	\$1,100.00	\$0.00	\$2,900.00	28%
001-414-150-000	Zoning- Benefits	\$99.58	\$306.40	\$30.60	\$84.19	\$0.00	\$222.21	27%
001-414-310-000	Zoning- Professional Services	\$6,032.00	\$5,100.00	\$2,229.00	\$5,946.00	\$0.00	-\$846.00	117%
001-414-313-000	Zoning- Engineering	\$186.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$1,500.00	0%
001-414-314-000	Zoning- Legal	\$32,660.00	\$32,300.00	\$5,600.00	\$9,320.00	\$0.00	\$22,980.00	29%
001-414-315-000	Zoning- Conditional Use	\$0.00	\$8,700.00	\$0.00	\$1,320.00	\$0.00	\$7,380.00	15%
001-414-341-000	Zoning- Advertisement	\$2,035.40	\$4,275.00	\$651.16	\$1,270.40	\$0.00	\$3,004.60	30%

TOWNSHIP OF WORCESTER

Statement of Revenue and Expenditures

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
001-414-460-000	Zoning- Meetings & Seminars	\$0.00	\$200.00	\$0.00	\$0.00	\$0.00	\$200.00	0%
	Segment 3 414 Total	\$42,312.98	\$56,381.40	\$8,910.76	\$19,040.59	\$0.00	\$37,340.81	34%
001-419-000-000	OTHER PUBLIC SAFETY:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-419-242-000	PA One Call	\$2,919.48	\$2,580.00	\$0.00	\$466.01	\$0.00	\$2,113.99	18%
	Segment 3 419 Total	\$2,919.48	\$2,580.00	\$0.00	\$466.01	\$0.00	\$2,113.99	18%
001-430-000-000	PUBLIC WORKS - ADMIN:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-430-140-000	Public Works- Payroll	\$422,216.88	\$489,152.83	\$36,110.67	\$140,847.10	\$0.00	\$348,305.73	29%
001-430-150-000	Public Works- Benefits	\$252,333.16	\$275,651.83	\$19,605.12	\$84,264.80	\$0.00	\$191,387.03	31%
001-430-238-000	Public Works- Uniforms	\$7,961.13	\$10,374.00	\$642.47	\$2,305.51	\$0.00	\$8,068.49	22%
001-430-326-000	Public Works- Mobile phones	\$1,375.36	\$1,452.00	\$114.40	\$343.24	\$0.00	\$1,108.76	24%
001-430-460-000	Public Works- Meetings & Seminars	\$480.81	\$1,700.00	\$0.00	\$95.00	\$0.00	\$1,605.00	6%
001-430-470-000	Public Works- Other Expenses	\$918.04	\$1,465.00	\$95.00	\$249.64	\$0.00	\$1,215.36	17%
	Segment 3 430 Total	\$685,285.38	\$779,795.66	\$56,567.66	\$228,105.29	\$0.00	\$551,690.37	29%
001-432-000-000	WINTER MAINTENANCE- SNOW REMOVAL:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-432-200-000	Snow Removal- Materials	\$27,540.43	\$36,456.25	\$0.00	\$18,936.23	\$0.00	\$17,520.02	52%
001-432-450-000	Snow Removal- Contractor	\$910.00	\$1,500.00	\$0.00	\$0.00	\$0.00	\$1,500.00	0%
	Segment 3 432 Total	\$28,450.43	\$37,956.25	\$0.00	\$18,936.23	\$0.00	\$19,020.02	50%
001-433-000-000	TRAFFIC CONTROL DEVICES:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-433-313-000	Traffic Signal- Engineering	\$0.00	\$5,000.00	\$0.00	\$0.00	\$0.00	\$5,000.00	0%
001-433-361-000	Traffic Signal- Electricity	\$3,570.56	\$3,540.00	\$281.02	\$843.63	\$0.00	\$2,696.37	24%
001-433-374-000	Traffic Signal- Maintenance	\$11,931.16	\$11,400.00	\$1,020.00	\$1,470.00	\$0.00	\$9,930.00	13%
	Segment 3 433 Total	\$15,501.72	\$19,940.00	\$1,301.02	\$2,313.63	\$0.00	\$17,626.37	12%
001-437-000-000	REPAIRS OF TOOLS AND MACHINERY:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-437-250-000	Machinery & Tools- Vehicle Maintenance	\$34,407.53	\$75,000.00	\$4,923.79	\$17,859.32	\$0.00	\$57,140.68	24%
001-437-260-000	Machinery & Tools- Small Tools	\$5,336.00	\$14,500.00	\$388.88	\$3,839.21	\$0.00	\$10,660.79	26%
	Segment 3 437 Total	\$39,743.53	\$89,500.00	\$5,312.67	\$21,698.53	\$0.00	\$67,801.47	24%
001-438-000-000	ROADS & BRIDGES:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-438-231-000	Gasoline	\$3,931.32	\$5,200.00	\$272.77	\$1,303.50	\$0.00	\$3,896.50	25%

Statement of Revenue and Expenditures

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
001-438-232-000	Diesel Fuel	\$22,211.19	\$26,151.52	\$2,119.95	\$8,303.32	\$0.00	\$17,848.20	32%
001-438-242-000	Road Signs	\$1,704.54	\$3,000.00	\$220.50	\$748.91	\$0.00	\$2,251.09	25%
001-438-245-000	Road Supplies	\$16,918.48	\$52,500.00	\$945.94	\$1,495.06	\$0.00	\$51,004.94	3%
001-438-313-000	Engineering	\$23,399.73	\$25,000.00	\$1,527.50	\$1,587.50	\$0.00	\$23,412.50	6%
001-438-370-000	Road Program- Contractor	\$2,448.50	\$13,500.00	\$0.00	\$0.00	\$0.00	\$13,500.00	0%
	Segment 3 438 Total	\$70,613.76	\$125,351.52	\$5,086.66	\$13,438.29	\$0.00	\$111,913.23	11%
001-446-000-000	STORM WATER MANAGEMENT:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-446-313-000	Stormwater Management- Engineering	\$4,155.00	\$35,000.00	\$1,670.00	\$1,670.00	\$0.00	\$33,330.00	5%
	Segment 3 446 Total	\$4,155.00	\$35,000.00	\$1,670.00	\$1,670.00	\$0.00	\$33,330.00	5%
001-451-000-000	RECREATION- ADMINISTRATION:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-451-140-000	Recreation- Payroll	\$724.38	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-451-150-000	Recreation- Benefits	\$101.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-451-337-000	Recreation- Mileage Reimbursement	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-451-460-000	Recreation- Meetings & Seminars	\$0.00	\$900.00	\$0.00	\$0.00	\$0.00	\$900.00	0%
	Segment 3 451 Total	\$825.68	\$900.00	\$0.00	\$0.00	\$0.00	\$900.00	0%
001-452-000-000	PARTICIPANT RECREATION:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-452-247-000	Discounted Tickets (PRPS)	\$76.00	\$900.00	\$0.00	\$0.00	\$0.00	\$900.00	0%
001-452-248-000	Camps & Sport Leagues	\$2,800.00	\$2,800.00	\$0.00	\$0.00	\$0.00	\$2,800.00	0%
001-452-250-000	Community Day	\$1,830.90	\$10,500.00	\$2,588.83	\$4,668.33	\$0.00	\$5,831.67	44%
001-452-520-000	Library	\$7,659.00	\$8,042.00	\$0.00	\$0.00	\$0.00	\$8,042.00	0%
	Segment 3 452 Total	\$12,365.90	\$22,242.00	\$2,588.83	\$4,668.33	\$0.00	\$17,573.67	21%
001-454-000-000	PARKS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-454-436-000	Heebner Park- Utilities	\$2,375.19	\$3,336.00	\$278.96	\$1,252.94	\$0.00	\$2,083.06	38%
001-454-437-001	Heebner Park- Athletic Fields	\$10,360.61	\$15,800.00	\$1,375.50	\$1,375.50	\$0.00	\$14,424.50	9%
001-454-437-002	Heebner Park- Expenses	\$4,681.31	\$8,000.00	\$25.41	\$1,088.51	\$0.00	\$6,911.49	14%
001-454-438-001	Mount Kirk Park- Athletic Fields	\$2,813.65	\$3,700.00	\$196.00	\$196.00	\$0.00	\$3,504.00	5%
001-454-438-002	Mount Kirk Park- Expenses	\$631.80	\$1,000.00	\$0.00	\$228.60	\$0.00	\$771.40	23%
001-454-439-001	Sunny Brook Park- Athletic Fields	\$3,641.76	\$4,700.00	\$490.00	\$490.00	\$0.00	\$4,210.00	10%

Statement of Revenue and Expenditures

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
001-454-439-002	Sunny Brook Park- Expenses	\$1,490.36	\$3,402.00	\$0.00	\$0.00	\$0.00	\$3,402.00	0%
001-454-446-000	Sunny Brook Park- Utilities	\$939.90	\$1,680.00	\$167.05	\$515.87	\$0.00	\$1,164.13	31%
001-454-450-000	Nike Park Expense	\$29.34	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-454-470-000	Heyser Park- Horse Ring	\$0.00	\$500.00	\$0.00	\$0.00	\$0.00	\$500.00	0%
001-454-471-000	Heyser Park- Expenses	\$33.38	\$350.00	\$0.00	\$0.00	\$0.00	\$350.00	0%
001-454-480-000	Trail Expenses	\$898.16	\$2,850.00	\$46.17	\$46.17	\$0.00	\$2,803.83	2%
001-454-490-000	Other Parks	\$1,187.81	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500.00	0%
	Segment 3 454 Total	\$29,083.27	\$47,818.00	\$2,579.09	\$5,193.59	\$0.00	\$42,624.41	11%
001-459-000-000	PUBLIC RELATIONS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-459-340-000	Public Relations- Community Newsletter	\$19,043.65	\$20,300.00	\$825.00	\$5,847.60	\$0.00	\$14,452.40	29%
001-459-341-000	Public Relations- Other Communications	\$1,320.75	\$1,000.00	\$0.00	\$105.26	\$0.00	\$894.74	11%
	Segment 3 459 Total	\$20,364.40	\$21,300.00	\$825.00	\$5,952.86	\$0.00	\$15,347.14	28%
001-486-000-000	INSURANCE:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
001-486-350-000	Insurances	\$90,157.30	\$107,655.70	\$18,135.50	\$43,893.00	\$0.00	\$63,762.70	41%
	Segment 3 486 Total	\$90,157.30	\$107,655.70	\$18,135.50	\$43,893.00	\$0.00	\$63,762.70	41%
001-492-300-000	Transfer To Capital Fund	\$2,174,311.61	\$1,670,770.93	\$0.00	\$0.00	\$0.00	\$1,670,770.93	0%
	Fund 001 Expend Total	\$4,695,988.70	\$4,507,870.27	\$213,644.60	\$1,016,044.60	\$0.00	\$3,491,825.67	23%
001	Fund 001		Prior	Current	YTD			
			\$4,854,427.52	\$386,040.07	\$923,463.47			
		Revenue:						
		Expended:	\$4,695,988.70	\$213,644.60	\$1,016,044.60			
		Net Income:	\$158,438.82	\$172,395.47	-\$92,581.13			
Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Cancel	Excess/Deficit	% Real
008-341-000-000	Interest Earnings	\$736.42	\$1,000.00	\$453.18	\$849.32	\$0.00	-\$150.68	85%
008-364-110-000	Tapping Fees	\$166,400.00	\$42,207.62	\$3,263.28	\$16,282.19	\$0.00	-\$25,925.43	39%
008-364-120-000	Sewer Fees- Residential	\$517,794.68	\$516,504.37	\$80,170.31	\$215,218.73	\$0.00	-\$301,285.64	42%
008-364-130-000	Sewer Fees- Commercial	\$152,275.50	\$145,000.00	\$10,286.32	\$52,605.91	\$0.00	-\$92,394.09	36%

Statement of Revenue and Expenditures

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Cancel	Excess/Deficit	% Real
008-364-140-000	Late Fees	\$8,619.60	\$7,500.00	\$275.86	\$2,387.46	\$0.00	-\$5,112.54	32%
008-364-150-000	Certification Fees	\$2,525.00	\$1,350.00	\$105.00	\$480.00	\$0.00	-\$870.00	36%
	Segment 3 364 Total	\$847,614.78	\$712,561.99	\$94,100.77	\$286,974.29	\$0.00	-\$425,587.70	40%
008-381-000-000	Miscellaneous Income	\$0.00	\$25.00	\$0.00	\$0.00	\$0.00	-\$25.00	0%
	Fund 008 Revenue Total	\$848,351.20	\$713,586.99	\$94,553.95	\$287,823.61	\$0.00	-\$425,763.38	40%
Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
008-429-000-000	WASTWATER COLLECTION AND TREATMENT:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
008-429-242-000	Alarm Services	\$1,048.50	\$1,232.00	\$0.00	\$0.00	\$0.00	\$1,232.00	0%
008-429-300-000	Other Expenses	\$131,728.05	\$148,032.00	\$7,175.70	\$39,666.02	\$0.00	\$108,365.98	27%
008-429-313-000	Engineering	\$9,484.75	\$12,500.00	\$0.00	\$1,838.76	\$0.00	\$10,661.24	15%
008-429-314-000	Legal	\$0.00	\$2,500.00	\$0.00	\$0.00	\$0.00	\$2,500.00	0%
008-429-316-000	Plant Operations	\$85,062.50	\$83,580.00	\$7,635.00	\$22,450.88	\$0.00	\$61,129.12	27%
008-429-321-000	Telephone	\$992.29	\$1,080.00	\$80.19	\$319.28	\$0.00	\$760.72	30%
008-429-361-000	Utilities	\$99,493.77	\$110,688.00	\$8,267.85	\$25,750.85	\$0.00	\$84,937.15	23%
008-429-374-000	Equipment & Repairs	\$18,624.84	\$24,456.00	\$330.25	\$4,765.28	\$0.00	\$19,690.72	19%
008-429-421-001	Center Point- Operations	\$5,968.75	\$5,976.00	\$477.50	\$1,432.50	\$0.00	\$4,543.50	24%
008-429-421-002	Center Point- Utilities & Repairs	\$4,386.38	\$6,552.00	\$282.65	\$1,049.62	\$0.00	\$5,502.38	16%
008-429-422-001	Meadowood- Operations	\$5,956.25	\$5,976.00	\$477.50	\$1,432.50	\$0.00	\$4,543.50	24%
008-429-422-002	Meadowood- Utilities & Repairs	\$4,746.47	\$5,940.00	\$1,533.60	\$2,614.64	\$0.00	\$3,325.36	44%
008-429-423-001	Heritage Village- Operations	\$5,656.25	\$5,976.00	\$477.50	\$1,432.50	\$0.00	\$4,543.50	24%
008-429-423-002	Heritage Village- Utilities & Repairs	\$3,608.07	\$4,968.00	\$377.38	\$1,303.69	\$0.00	\$3,664.31	26%
008-429-424-001	Fawn Creek- Operations	\$6,381.25	\$5,976.00	\$477.50	\$1,432.50	\$0.00	\$4,543.50	24%
008-429-424-002	Fawn Creek- Utilities & Repairs	\$3,193.66	\$4,452.00	\$189.70	\$740.32	\$0.00	\$3,711.68	17%
008-429-425-001	Chadwick Place- Operations	\$6,256.25	\$5,976.00	\$477.50	\$1,432.50	\$0.00	\$4,543.50	24%
008-429-425-002	Chadwick Place- Utilities & Repairs	\$3,273.66	\$4,560.00	\$298.40	\$927.49	\$0.00	\$3,632.51	20%
008-429-426-001	Adair Pump- Operations	\$6,031.25	\$5,976.00	\$477.50	\$1,532.50	\$0.00	\$4,443.50	26%
008-429-426-002	Adair Pump- Utilities & Repairs	\$2,785.50	\$4,320.00	\$168.36	\$764.36	\$0.00	\$3,555.64	18%

Statement of Revenue and Expenditures

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
008-429-700-000	Capital Improvements	\$68,405.54	\$608,000.00	\$88,653.37	\$117,395.96	\$0.00	\$490,604.04	19%
008-429-800-000	Depreciation	\$289,990.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
	Segment 3 429 Total	\$763,073.98	\$1,058,716.00	\$117,857.45	\$228,282.15	\$0.00	\$830,433.85	22%
008-471-000-000	DEBT PRINCIPAL:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
008-471-200-000	General Obligation Bond- Principal	\$130,000.00	\$130,000.00	\$0.00	\$0.00	\$0.00	\$130,000.00	0%
	Segment 3 471 Total	\$130,000.00	\$130,000.00	\$0.00	\$0.00	\$0.00	\$130,000.00	0%
008-472-000-000	DEBT INTEREST:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
008-472-200-000	General Obligation Bond- Interest	\$41,431.26	\$41,431.26	\$0.00	\$0.00	\$0.00	\$41,431.26	0%
	Segment 3 472 Total	\$41,431.26	\$41,431.26	\$0.00	\$0.00	\$0.00	\$41,431.26	0%
008-475-000-000	Fiscal Agent Fees- 2016 Bond	\$1,050.00	\$1,100.00	\$0.00	\$0.00	\$0.00	\$1,100.00	0%
008-486-000-000	INSURANCE:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
008-486-350-000	Insurance Expense	\$3,643.70	\$4,543.30	\$0.00	\$4,130.00	\$0.00	\$413.30	91%
	Segment 3 486 Total	\$3,643.70	\$4,543.30	\$0.00	\$4,130.00	\$0.00	\$413.30	91%
	Fund 008 Expend Total	\$939,198.94	\$1,235,790.56	\$117,857.45	\$232,412.15	\$0.00	\$1,003,378.41	19%
008	Fund 008		Prior	Current	YTD			
		Revenue:	\$848,351.20	\$94,553.95	\$287,823.61			
		Expended:	\$939,198.94	\$117,857.45	\$232,412.15			
		Net Income:	-\$90,847.74	-\$23,303.50	\$55,411.46			
Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Cancel	Excess/Deficit	% Real
030-341-000-000	Interest Earnings	\$6,684.64	\$12,000.00	\$5,393.04	\$8,949.01	\$0.00	-\$3,050.99	75%
030-354-351-000	Grants	\$210,713.00	\$1,516,920.00	\$0.00	\$50,962.00	\$0.00	-\$1,465,958.00	3%
030-363-100-000	Traffic Impact Fees	\$300,827.40	\$14,204.00	\$0.00	\$0.00	\$0.00	-\$14,204.00	0%
030-381-000-000	Miscellaneous Income	\$84,394.94	\$2,000.00	\$0.00	\$0.00	\$0.00	-\$2,000.00	0%
030-392-010-000	Transfer From General Fund	\$2,174,311.61	\$1,124,970.93	\$0.00	\$0.00	\$0.00	-\$1,124,970.93	0%
	Fund 030 Revenue Total	\$2,776,931.59	\$2,670,094.93	\$5,393.04	\$59,911.01	\$0.00	-\$2,610,183.92	2%

Statement of Revenue and Expenditures

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
030-405-000-000	SECRETARY/CLERK:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
030-405-720-000	Office Equipment	\$14,401.05	\$11,000.00	\$0.00	\$3,037.95	\$0.00	\$7,962.05	28%
	Segment 3 405 Total	\$14,401.05	\$11,000.00	\$0.00	\$3,037.95	\$0.00	\$7,962.05	28%
030-409-000-000	GOVERNMENT BUILDINGS & PLANTS:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
030-409-600-000	Building Improvements	\$46,500.00	\$170,500.00	\$16,622.50	\$72,511.60	\$0.00	\$97,988.40	43%
	Segment 3 409 Total	\$46,500.00	\$170,500.00	\$16,622.50	\$72,511.60	\$0.00	\$97,988.40	43%
030-430-600-000	Capital Roads	\$1,339,508.43	\$2,228,670.00	\$55,821.33	\$203,812.20	\$0.00	\$2,024,857.80	9%
030-430-740-000	Equipment Purchases	\$1,014,936.28	\$80,000.00	\$13,668.74	\$69,674.74	\$0.00	\$10,325.26	87%
	Segment 3 430 Total	\$2,354,444.71	\$2,308,670.00	\$69,490.07	\$273,486.94	\$0.00	\$2,035,183.06	12%
030-433-600-000	Traffic Signs & Signals	\$10,371.75	\$15,300.00	\$0.00	\$0.00	\$0.00	\$15,300.00	0%
030-454-600-000	Parks and Trails	\$98,606.36	\$385,700.00	\$16,816.29	\$65,260.10	\$0.00	\$320,439.90	17%
030-454-710-000	Land Acquisition	\$13,611.10	\$51,000.00	\$1,004.65	\$2,904.65	\$0.00	\$48,095.35	6%
	Segment 3 454 Total	\$112,217.46	\$436,700.00	\$17,820.94	\$68,164.75	\$0.00	\$368,535.25	16%
	Fund 030 Expend Total	\$2,537,934.97	\$2,942,170.00	\$103,933.51	\$417,201.24	\$0.00	\$2,524,968.76	14%

030 Fund 030

	Prior	Current	YTD
Revenue:	\$2,776,931.59	\$5,393.04	\$59,911.01
Expended:	\$2,537,934.97	\$103,933.51	\$417,201.24
Net Income:	\$238,996.62	-\$98,540.47	-\$357,290.23

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Cancel	Excess/Deficit	% Real
035-341-000-000	Interest Earnings	\$61.41	\$100.00	\$66.02	\$94.99	\$0.00	-\$5.01	95%
035-355-020-000	Liquid Fuel Funds	\$344,154.30	\$338,977.00	\$0.00	\$347,096.97	\$0.00	\$8,119.97	102%
	Fund 035 Revenue Total	\$344,215.71	\$339,077.00	\$66.02	\$347,191.96	\$0.00	\$8,114.96	102%

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
035-438-000-000	ROADS & BRIDGES:	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0%
035-438-370-000	Road Maintenance Contractor	\$368,000.00	\$333,000.00	\$0.00	\$0.00	\$0.00	\$333,000.00	0%

Statement of Revenue and Expenditures

Expend Account	Description	Prior Yr Expd	Budgeted	Curr Expd	YTD Expd	Cancel	Balance	% Expd
Segment 3 438 Total		\$368,000.00	\$333,000.00	\$0.00	\$0.00	\$0.00	\$333,000.00	0%
Fund 035 Expend Total		\$368,000.00	\$333,000.00	\$0.00	\$0.00	\$0.00	\$333,000.00	0%
035	Fund 035		<u>Prior</u>	<u>Current</u>	<u>YTD</u>			
	Revenue:	\$344,215.71		\$66.02	\$347,191.96			
	Expended:	\$368,000.00		\$0.00	\$0.00			
	Net Income:	-\$23,784.29		\$66.02	\$347,191.96			

Revenue Account	Description	Prior Yr Rev	Anticipated	Curr Rev	YTD Rev	Cancel	Excess/Deficit	% Real
Fund 040 Revenue Total		\$3.93	\$0.00	\$2.92	\$4.32	\$0.00	\$4.32	0%
040	Fund 040		<u>Prior</u>	<u>Current</u>	<u>YTD</u>			
	Revenue:	\$3.93		\$2.92	\$4.32			
	Expended:	\$0.00		\$0.00	\$0.00			
	Net Income:	\$3.93		\$2.92	\$4.32			

Grand Totals		Prior	Current	YTD
Revenue:		\$8,823,929.95	\$486,056.00	\$1,618,394.37
Expended:		\$8,541,122.61	\$435,435.56	\$1,665,657.99
Net Income:		\$282,807.34	\$50,620.44	-\$47,263.62

ERECTED INTO A TOWNSHIP IN 1733
TOWNSHIP OF WORCESTER
AT THE CENTER POINT OF MONTGOMERY COUNTY
PENNSYLVANIA

1721 Valley Forge Road, Post Office Box 767 Worcester, PA 19490

Planning & Parks Report

April 2022

Zoning Hearing Board (April 4)

- Yildiz-Fink (ZHB 21-15) – Conducted a hearing for relief sought for impervious surface coverage and in-ground pool encroachment in a rear-yard setback; continued to May 24.
- Williamson (ZHB 21-17) – Conducted a hearing for relief sought to allow up to fifteen persons unrelated by blood, marriage, or adoption to occupy three dwelling units, as a group home; continued to April 26.

Zoning Hearing Board (April 26)

- Palmer-Body (ZHB 21-14) – Conducted a hearing as to a substantive validity challenge to the Zoning Ordinance; continued to May 24.
- Williamson (ZHB 21-17) – Conducted and completed a hearing for relief sought to allow up to fifteen persons unrelated by blood, marriage, or adoption to occupy three dwelling units, as a group home; approved.
- MikeLen, LLC (ZHB 22-04) – Conducted and completed a hearing for relief sought to permit a change of nonconforming use and to allow an existing structure in a front-yard setback; approved.
- Gallo (ZHB 22-05) – Conducted and completed a hearing for relief sought for driveway pillar height; approved.
- Owen-Abubshait (ZHB 22-06) – Conducted and completed a hearing for relief sought to retain an existing fence in a property-line setback; approved.

Planning Commission (April 28)

- Huganir (LD 2021-02) – Reviewed a preliminary plan and planning module for an 8-lot single-family detached subdivision at Artmar Road; recommended for approval.
- 2083 Bustard Road – Reviewed a planning module for one single-family detached home; recommended for approval.

(over)

- Ordinance 2022-290 – Reviewed a proposed “clean-up” ordinance that revises certain sections of the Township Code; recommended for approval.
- Comprehensive Plan Update – Reviewed select chapters in the draft Worcester Township Comprehensive Plan; continued to May 26.

* * *

Parks

- Scheduled field and pavilion rentals.
- Developed and scheduled 2022 recreation programming.

Worcester Township

1721 Valley Forge Road
 Worcester PA 19490
 Phone: 610-584-1410



Report For 04/01/2022 to 04/30/2022

Item	Count / Fee
Total Issued Permits	86 / \$115,494.84

Building Permit		#of Permits	Construction Cost	Permit Fees
1	Deck	11	\$382,800.00	\$1,509.56
2	Generator	2	\$20,380.00	\$204.00
3	Mechanical	1	\$12,577.00	\$89.50
4	New Single Family Dwelling	10	\$2,668,788.00	\$33,740.99
5	New Townhome	8	\$5,805,179.00	\$69,639.92
6	Residential Additions	1	\$125,000.00	\$244.50
7	Residential Alterations	4	\$182,950.00	\$2,649.37
8	Tank Removal	1	\$2,745.00	\$62.00

Zoning Permit		#of Permits	Construction Cost	Permit Fees
1	Driveway Extension	19	\$71,775.00	\$1,512.50
2	Fence	8	\$104,643.00	\$275.00
3	General Zoning	2	\$10,000.00	\$57.50
4	Grading	16	\$58,980.00	\$5,427.50
5	Patio & Deck (less than 30" above ground)	2	\$45,560.00	\$55.00
6	Walk-way	1	\$800.00	\$27.50

Total	86	\$9,492,177.00	\$115,494.84
--------------	-----------	-----------------------	---------------------

Other Fees Collected

State Fee	\$171.00
------------------	-----------------

permits closed in April – 25

Public Works Department Report

April 2022

1) Road Maintenance

- A. Cleared inlets and drains throughout the Township**
- B. Filled potholes throughout the Township**
- C. Reestablishing edge of roadway swales**
- D. Removal of debris from Wentz Church Road ROW/easement**

2) Storm Maintenance

- A. No significant storm events requiring after hour response**

3) Parks

- A. Twice weekly cleaning of restrooms, emptying trash receptacles, and stocking dog bags**
- B. Mowing and trimming of all Township parks**
- C. Repairing washouts and general trail maintenance**
- D. Removal of dead trees and stumps Township properties/parks**
- E. Mulched Township properties**
- F. Playing field maintenance**
- G. Drinking fountains and all rest rooms opened for the season**
- H. Heyser Park horse ring maintenance**
- I. Spraying of hard surface weeds on Township properties**

4) Vehicle Maintenance

- A. Performed weekly maintenance of all Township vehicles**
- B. Removed all salt boxes from vehicles for the season**
- C. 64-62 Warrantee items addressed (coolant leak)**

5) Miscellaneous

- A. Setting up and cleaning of Community Hall for rentals and Township events**
- B. CDL Class A testing completed**

April 2022 Fire Marshal Report to Board of Supervisors

- 1/ Fire Marshal investigations on 4 miscellaneous dispatches.
- 2/ \$0 Fire Damage.
- 3/ Addressed dispatch information issues at Meadowood with county.
- 4/ Did walk through with staff, PSP and Prom committee on afternoon of prom to look for safety concerns due to decorations for the post prom party.

Respectfully Submitted,

David Cornish
Fire Marshal

MEMORANDUM

TO: Worcester Township Board of Supervisors
FROM: Joseph J. Nolan, P.E., Township Engineer
DATE: May 3, 2022
SUBJECT: Engineering Report - Project Status

This memorandum will provide an update and status report on the various projects that are ongoing within the Township as of May 3, 2022.

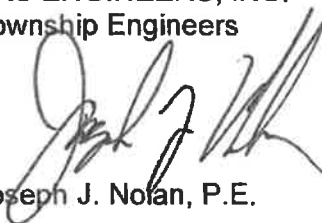
1. **Turnpike Sound Barriers Grant Project:** The pre-construction meeting for the project was held on February 1, 2022. The Notice to Proceed was issued and the project is scheduled for September 2022 completion. We are currently reviewing project submittals.
2. **Valley Green WTP Filter Project:** CKS is continuing with the design of the new tertiary filter at the Valley Green WTP. We are waiting on PADEP for the Part 2 Permit and the preliminary treatment requirements associated with a potential re-rating of the facility. We expect to start construction in 2022 pending PADEP action. The equipment quote has been executed and the contracts for the site work will be bid in May. Contracts can be awarded at the June Board of Supervisors meeting.
3. **Evansburg Park Trail:** The revised trail location has been approved. CKS has completed the additional field survey work due to the changes. We are proceeding with the plan preparation, and we are coordinating this project with the Township, and the Township's traffic engineer. PennDOT will assist with the Kratz Road crossing.
4. **East Mount Kirk Park:** We are working with the Township to install a Pavilion with Restrooms at this park. A new parking area will also be added, and the existing trail will be repaved. The Township has placed the order for the Pavilion building. The project for the Pavilion installation has been awarded by the Township.
5. **Classroom in the Park:** We are working with Township Staff on selecting a building for this project and as well as the site-plan for the project. We are evaluating a second building option for this project.
6. **Drainage Projects:** We have completed our design for three (3) small drainage projects in the Township. This contract has been awarded by the Township.

7. Miscellaneous Items

- a. CKS Engineers assisted the Township on numerous zoning and land development related issues as requested during the month.
- b. CKS Engineers performed various site inspections in conjunction with finalizing Use & Occupancy Permits during the month.
- c. CKS reviewed numerous grading permit applications and stormwater applications for the Township during the month.
- d. CKS Engineers, Inc. continued to provide inspection services in conjunction with all ongoing land development and subdivision projects throughout the Township. This also included verifying completion of items and preparation of escrow releases for these projects, as requested.
- e. CKS continues to assist in work required in conjunction with the review and approval of subdivisions and land developments and Conditional Use applications submitted to the Township. These currently include the Palmer Tract, Huginar property and the Dubner property.

The above represents a status report on the projects and services currently being performed by CKS Engineers, Inc. Please contact me if you have any questions on any of these items.

Respectfully submitted,
CKS ENGINEERS, INC.
Township Engineers



Joseph J. Nolan, P.E.

JJN/paf

cc: Tommy Ryan, Township Manager
File

Worcester Volunteer Fire Department

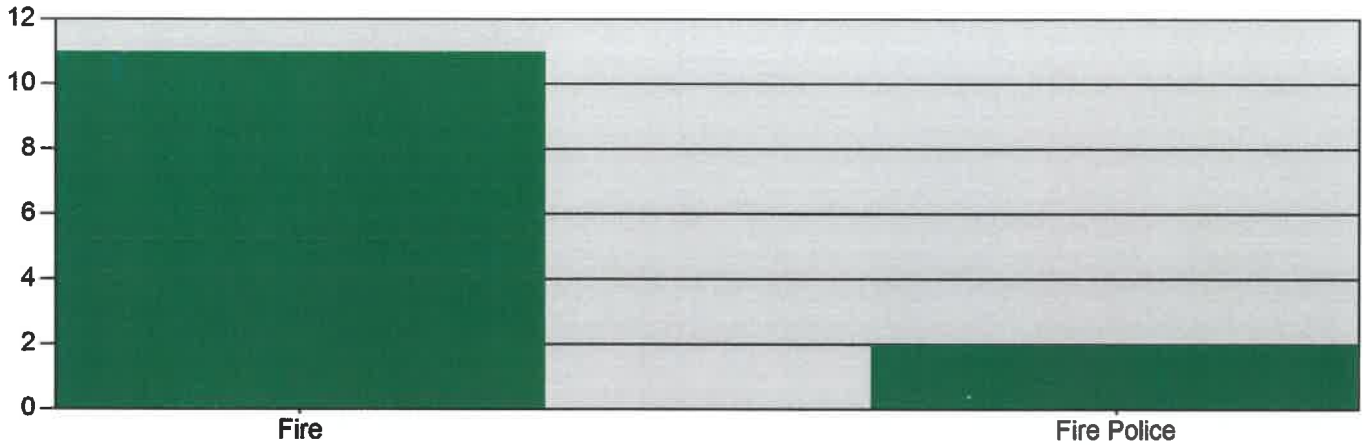
Worcester, PA

This report was generated on 5/1/2022 4:23:05 PM



Incidents by Shift for Date Range

Start Date: 04/01/2022 | End Date: 04/30/2022



SHIFT	# INCIDENTS
Fire	11
Fire Police	2

TOTAL: 13

Fire Call Avg. Attendance: 21.9

Call Man Hours: 84

FP Call Avg. Attendance: 5.5

Weekly Drill Man Hours: 220

Avg. Drill Attendance: 31.3

Daytime Calls Twp. Employees Assisted: 3

Incidents with multiple EXPOSURES, with distinct stations, may create a slight difference between the report total and total number of actual incidents for the DATE RANGE provided. The totals reflect the # INCIDENTS each STATION was assigned. Only REVIEWED incidents included.



Worcester Volunteer Fire Department

Worcester, PA

This report was generated on 5/1/2022 4:23:54 PM



Count of Incidents by Incident Type per Zone

Incident Status: Reviewed | Start Date: 04/01/2022 | End Date: 04/30/2022

% of Incidents per Zone



- 33 - WHITPAIN
- 34 - COLLEGEVILLE
- 46 - WEST NORRITON
- 68 - UPPER PROVIDENCE
- 61 - EAST NORRITON
- 83 - WORCESTER

INCIDENT TYPE	# INCIDENTS	% of TOTAL
33 - WHITPAIN		
611 - Dispatched & cancelled en route	1	7.69%
Zone: 33 - WHITPAIN Total Incident:	1	7.69%
34 - COLLEGEVILLE		
551 - Assist police or other governmental agency	1	7.69%
Zone: 34 - COLLEGEVILLE Total Incident:	1	7.69%
46 - WEST NORRITON		
611 - Dispatched & cancelled en route	1	7.69%
Zone: 46 - WEST NORRITON Total Incident:	1	7.69%
61 - EAST NORRITON		
322 - Motor vehicle accident with injuries	1	7.69%
611 - Dispatched & cancelled en route	1	7.69%
Zone: 61 - EAST NORRITON Total Incident:	2	15.38%
68 - UPPER PROVIDENCE		
412 - Gas leak (natural gas or LPG)	1	7.69%
Zone: 68 - UPPER PROVIDENCE Total Incident:	1	7.69%
83 - WORCESTER		
311 - Medical assist, assist EMS crew	1	7.69%
324 - Motor vehicle accident with no injuries.	1	7.69%
462 - Aircraft standby	1	7.69%
531 - Smoke or odor removal	1	7.69%
745 - Alarm system activation, no fire - unintentional	3	23.08%
Zone: 83 - WORCESTER Total Incident:	7	53.85%
TOTAL INCIDENTS FOR ALL ZONES:	13	100%

Report shows count of incidents for Status selected.

Worcester Volunteer Fire Department

Worcester, PA

This report was generated on 5/1/2022 4:24:46 PM



Total Elapsed Time per Incident by Incident Type for Date Range

Incident Type(s): All Incident Types | Start Date: 04/01/2022 | End Date: 04/30/2022

Incident#	Incident Type	Alarm Date Time	Last Unit Scene Clear Date Time	Total Elapsed Time
3XX - EMS				
2022-85	311 - Medical assist, assist EMS crew	04/01/2022 16:45:11	04/01/2022 17:05:52	00:20:41
Incidents Elapsed Time				00:20:41
2022-94	322 - Motor vehicle accident with injuries	04/25/2022 18:18:28	04/25/2022 19:07:36	00:49:08
Incidents Elapsed Time				00:49:08
2022-90	324 - Motor vehicle accident with no injuries.	04/14/2022 17:27:35	04/14/2022 18:06:11	00:38:36
Incidents Elapsed Time				00:38:36
Total Elapsed Time				01:48:25
4XX - Hazardous Condition				
2022-86	412 - Gas leak (natural gas or LPG)	04/03/2022 20:38:43	04/03/2022 20:55:53	00:17:10
Incidents Elapsed Time				00:17:10
2022-93	462 - Aircraft standby	04/24/2022 13:26:11	04/24/2022 13:31:19	00:05:08
Incidents Elapsed Time				00:05:08
Total Elapsed Time				00:22:18
5XX - Service Call				
2022-88	531 - Smoke or odor removal	04/10/2022 20:33:32	04/10/2022 21:15:26	00:41:54
Incidents Elapsed Time				00:41:54
2022-84	551 - Assist police or other governmental agency	04/01/2022 13:33:56	04/01/2022 15:57:34	02:23:38
Incidents Elapsed Time				02:23:38
Total Elapsed Time				03:05:32
6XX - Good Intent				
2022-83	611 - Dispatched & cancelled en route	04/01/2022 10:12:54	04/01/2022 10:26:16	00:13:22
2022-89	611 - Dispatched & cancelled en route	04/12/2022 16:25:11	04/12/2022 16:34:00	00:08:49
2022-95	611 - Dispatched & cancelled en route	04/26/2022 16:28:00	04/26/2022 16:31:00	00:03:00
Incidents Elapsed Time				00:25:11
Total Elapsed Time				00:25:11
7XX - False Alarm				
2022-87	745 - Alarm system activation, no fire - unintentional	04/04/2022 19:24:04	04/04/2022 19:32:59	00:08:55
2022-91	745 - Alarm system activation, no fire - unintentional	04/22/2022 11:19:39	04/22/2022 11:35:13	00:15:34
2022-92	745 - Alarm system activation, no fire - unintentional	04/24/2022 10:50:27	04/24/2022 10:56:34	00:06:07
Incidents Elapsed Time				00:30:36
Total Elapsed Time				00:30:36
Total Report Elapsed Time				06:12:02

Incident data is restricted to Completed or Reviewed incidents. Alarm Date Time from Basic Info 4



Worcester Volunteer Fire Department

Worcester, PA

This report was generated on 5/1/2022 4:29:16 PM



Count of Classes and People by Class Category with Class Hours and Man Hours for Date Range
Passed/Failed: Both Passed and Failed | Start Date: 04/01/2022 | End Date: 04/30/2022

	CLASS COUNT	TOTAL CLASS HOURS	COUNT OF PEOPLE	TOTAL MAN HOURS
Mutual Aid Drill	1	2:30	12	30:00
Thursday Night Drill	3	7:00	94	220:00
GRAND TOTALS:	4	09:30	106	250:00

This report lists the actual count of Reviewed classes and the class hours, and the number of people who attended those classes and the total Man Hours for each Class Category. This report pulls training hours from the Training Code Hours field on the Info Page.



Worcester Volunteer Fire Department

Worcester, PA

This report was generated on 5/1/2022 4:31:38 PM



Events per Category for Date Range (Landscape)

Start Date: 04/01/2022 | End Date: 04/30/2022

CATEGORY	DATE	EVENT TYPE	EVENT	LOCATION	HOURS	NARRATIVE
Community Detail						
	04/02/2022	Event Traffic Control	FUNERAL DETAIL - FLAG ARCH		2	
	04/22/2022	Event Traffic Control	METHACTON POST PROM		3	
	04/24/2022	Other	CHRISTMAS LIGHT TAKE DOWN		1	REMOVED CHRISTMAS LIGHTS AT 73&363
Department Fundraiser						
	04/24/2022	Ladies Auxiliary Event	CRAFT FAIR		8.5	
Standby/Coverage Detail						
	04/01/2022	Other	STANDBY AT 53A		1.5	
	04/03/2022	Other	Standby at station 34 for L77		6	

Includes Locked / Authorized Events.



emergencyreporting.com

Doc Id: 623

Page # 1 of 1

AMBULANCE REPORT

APRIL 2022



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	totals	percent
Harleysville	0	1	0	0									1	0.4%
Lansdale	4	7	4	3									18	7.3%
Lower Providence	6	8	5	2									21	8.5%
Montgomery County	2	0	0	0									2	0.8%
Narberth	0	0	0	0									0	0.0%
Plymouth	23	18	18	17									76	30.8%
Second Alarmers	6	6	3	2									17	6.9%
Skippack	33	23	22	34									112	45.3%
totals	74	63	52	58	0	0	0	0	0	0	0	0	247	100%

Harleysville
 Lansdale
 Lower Providence
 Montgomery County
 Narberth
 Plymouth
 Second Alarmers
 Skippack
totals



PENNSYLVANIA STATE POLICE CAD Call Print Synopsis

Number of Records Returned: 184

Search Criteria: which_cad='P' and occ_date between '04/01/2022' and '04/30/2022' and municipality='46226' and jurisdiction='PA'

Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Founded	Report #	Closed By
Apr-07-2022	09:13:59	426474	SUICIDE - ATTEMPT OR THREAT	MENTAL HEALTH ACT GO		Yes	2022-426474	GENERAL OFFENSE
Apr-14-2022	14:20:22	458951	911 HANG UP CALL GO	911 HANG UP CALL GO		Yes	2022-458951	GENERAL OFFENSE
Apr-06-2022	11:29:36	422562	911 HANG UP CALL GO	911 HANG UP CALL GO		Yes	2022-422562	GENERAL OFFENSE
Apr-15-2022	23:43:56	469910	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-469910	CLOSED CAD CALL
Apr-19-2022	07:37:27	486638	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-486638	CLOSED CAD CALL
Apr-18-2022	20:42:01	485378	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-485378	CLOSED CAD CALL
Apr-12-2022	12:57:18	448890	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-448890	CLOSED CAD CALL
Apr-22-2022	10:20:41	501718	ALARM - PANIC	ALARM FALSE FAULT CC		Yes	2022-501718	CLOSED CAD CALL
Apr-18-2022	19:59:42	485288	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-485288	CLOSED CAD CALL
Apr-28-2022	03:58:36	528564	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-528564	CLOSED CAD CALL
Apr-16-2022	02:38:42	470455	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-470455	CLOSED CAD CALL
Apr-29-2022	06:12:48	533121	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-533121	CLOSED CAD CALL
Apr-29-2022	04:34:16	533013	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-533013	CLOSED CAD CALL
Apr-05-2022	13:02:57	418318	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-418318	CLOSED CAD CALL
Apr-12-2022	17:11:12	450063	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-450063	CLOSED CAD CALL
Apr-07-2022	04:08:51	425626	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-425626	CLOSED CAD CALL

Printed On: Wed May 04 2022
For User: 665354

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PENNSYLVANIA STATE POLICE CAD Call Print Synopsis

Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Founded	Report #	Closed By
Apr-18-2022	00:15:53	481580	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-481580	CLOSED CAD CALL
Apr-24-2022	05:59:27	509710	ALARM - BURGLAR	ALARM FALSE FAULT CC		Yes	2022-509710	CLOSED CAD CALL
Apr-01-2022	09:16:37	400693	ALARM - BURGLAR	ALARM FALSE NO FAULT (		Yes	2022-400693	CLOSED CAD CALL
Apr-10-2022	10:44:15	439176	ALARM - BURGLAR	ALARM FALSE NO FAULT (		Yes	2022-439176	CLOSED CAD CALL
Apr-21-2022	11:38:36	497749	ALARM - BURGLAR	ALARM FALSE NO FAULT (		Yes	2022-497749	CLOSED CAD CALL
Apr-04-2022	12:00:39	413085	ALARM - BURGLAR	ALARM FALSE NO FAULT (		Yes	2022-413085	CLOSED CAD CALL
Apr-11-2022	02:30:58	441813	DOMESTIC - IN PROGRESS	CANCELLED BY COMPLAINANT X		Yes	2022-441813	CANCELLED
Apr-18-2022	16:42:59	484650	ALARM - BURGLAR	CANCELLED BY COMPLAINANT X		Yes	2022-484650	CANCELLED
Apr-04-2022	19:26:19	414878	REQUEST ASSIST - OTHER AGENCY GO	CANCELLED BY COMPLAINANT X		Yes	2022-414878	CANCELLED
Apr-30-2022	08:25:47	539023	ALARM - BURGLAR	CANCELLED BY COMPLAINANT X		Yes	2022-539023	CANCELLED
Apr-14-2022	13:12:41	458681	ALARM - BURGLAR	CANCELLED BY COMPLAINANT X		Yes	2022-458681	CANCELLED
Apr-08-2022	18:07:01	432738	ALARM - BURGLAR	CANCELLED BY COMPLAINANT X		Yes	2022-432738	CANCELLED
Apr-08-2022	12:25:11	431358	MVC - NON-REPORTABLE	CANCELLED BY COMPLAINANT X		Yes	2022-431358	CANCELLED
Apr-16-2022	20:24:59	475845	ALARM - PANIC	CANCELLED BY COMPLAINANT X		Yes	2022-475845	CANCELLED
Apr-08-2022	09:29:26	430548	ALARM - BURGLAR	CANCELLED BY COMPLAINANT X		Yes	2022-430548	CANCELLED
Apr-13-2022	21:04:01	455949	ALARM - BURGLAR	CANCELLED BY COMPLAINANT X		Yes	2022-455949	CANCELLED
Apr-30-2022	01:13:56	538195	WELFARE CHECK GO	CANCELLED BY COMPLAINANT X		Yes	2022-538195	CANCELLED
Apr-27-2022	16:33:19	526828	REQUEST ASSIST - OTHER AGENCY GO	CANCELLED BY COMPLAINANT X		Yes	2022-526828	CANCELLED

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For User: 665354

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PENNSYLVANIA STATE POLICE CAD Call Print Synopsis

Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Founded	Report #	Cleared By
Apr-15-2022	21:59:54	469535	ALARM - BURGLAR	CANCELLED BY COMPLAINANT X		Yes	2022-469535	CANCELLED
Apr-11-2022	12:12:10	443991	SEE OFFICER	GO CANCELLED BY COMPLAINANT X		Yes	2022-443991	CANCELLED
Apr-21-2022	13:38:59	498174	WELFARE CHECK GO	CANCELLED BY COMPLAINANT X		Yes	2022-498174	CANCELLED
Apr-28-2022	14:08:58	530815	SEE OFFICER	GO CRIMINAL MISCH		Yes	2022-530815	GENERAL OFFENSE
Apr-08-2022	07:08:12	429823	DISABLED MOTORIST CC	DISABLED MOTORIST CC		Yes	2022-429823	CLOSED CAD CALL
Apr-25-2022	22:44:22	517978	DISABLED MOTORIST CC	DISABLED MOTORIST CC		Yes	2022-517978	CLOSED CAD CALL
Apr-20-2022	12:53:35	493242	DISABLED MOTORIST CC	DISABLED MOTORIST CC		Yes	2022-493242	CLOSED CAD CALL
Apr-16-2022	15:18:40	474033	DISABLED MOTORIST ON ROAD CC	DISABLED MOTORIST CC		Yes	2022-474033	CLOSED CAD CALL
Apr-22-2022	23:51:42	504952	DISABLED MOTORIST CC	DISABLED MOTORIST CC		Yes	2022-504952	CLOSED CAD CALL
Apr-13-2022	15:24:30	454475	DISABLED MOTORIST CC	DISABLED MOTORIST CC		Yes	2022-454475	CLOSED CAD CALL
Apr-27-2022	23:26:19	528214	DISABLED MOTORIST CC	DISABLED MOTORIST CC		Yes	2022-528214	CLOSED CAD CALL
Apr-21-2022	07:41:32	496706	DISABLED MOTORIST ON ROAD CC	DISABLED MOTORIST CC		Yes	2022-496706	CLOSED CAD CALL
Apr-22-2022	22:24:04	504699	DISABLED MOTORIST ON ROAD CC	DISABLED MOTORIST ON ROAD CC		Yes	2022-504699	CLOSED CAD CALL
Apr-21-2022	18:31:57	499254	DISABLED MOTORIST ON ROAD CC	DISABLED MOTORIST ON ROAD CC		Yes	2022-499254	CLOSED CAD CALL
Apr-28-2022	10:29:10	529900	DISTURBANCE/NOISE COMPLAINT GO	DISTURBANCE/NOISE COMPLAINT GO		Yes	2022-529900	GENERAL OFFENSE
Apr-21-2022	11:51:12	497796	HARASSMENT - COMM - STALK - OTHER	DISTURBANCE/NOISE COMPLAINT GO		Yes	2022-497796	GENERAL OFFENSE
Apr-29-2022	11:29:33	534756	DOMESTIC - IN PROGRESS	DOMESTIC - OTHER GO		Yes	2022-534756	GENERAL OFFENSE
Apr-29-2022	14:30:09	535657	DOMESTIC - INACTIVE	DOMESTIC - OTHER GO		Yes	2022-535657	GENERAL OFFENSE

Printed On: Wed May 04 2022
For User: 665354

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PENNSYLVANIA STATE POLICE CAD Call Print Synopsis

Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Founded	Report #	Cleared By
Apr-06-2022	10:14:51	422186	SEE OFFICER	GO DRUG - FOUND INCL		Yes	2022-422186	GENERAL OFFENSE
Apr-26-2022	12:59:56	520886	SEE OFFICER	GO PARAPHERNALIA DRUG - POSSESSION		Yes	2022-520886	GENERAL OFFENSE
Apr-22-2022	11:43:00	502079	DOMESTIC SECURITY CHECK - SCHOOL CC	DOMESTIC SECURITY CHECK - SCHOOL CC		Yes	2022-502079	CLOSED CAD CALL
Apr-13-2022	08:58:03	452563	DOMESTIC SECURITY CHECK - SCHOOL CC	DOMESTIC SECURITY CHECK - SCHOOL CC		Yes	2022-452563	CLOSED CAD CALL
Apr-22-2022	13:05:52	502426	DOMESTIC SECURITY CHECK - SCHOOL CC	DOMESTIC SECURITY CHECK - SCHOOL CC		Yes	2022-502426	CLOSED CAD CALL
Apr-25-2022	09:42:25	514805	DOMESTIC SECURITY CHECK - SCHOOL CC	DOMESTIC SECURITY CHECK - SCHOOL CC		Yes	2022-514805	CLOSED CAD CALL
Apr-23-2022	12:44:45	508905	DOMESTIC SECURITY CHECK - SCHOOL CC	DOMESTIC SECURITY CHECK - SCHOOL CC		Yes	2022-508905	CLOSED CAD CALL
Apr-14-2022	08:32:02	457447	DOMESTIC SECURITY CHECK - SCHOOL CC	DOMESTIC SECURITY CHECK - SCHOOL CC		Yes	2022-457447	CLOSED CAD CALL
Apr-08-2022	20:09:28	433082	DOMESTIC SECURITY CHECK - SCHOOL CC	DOMESTIC SECURITY CHECK - SCHOOL CC		Yes	2022-433082	CLOSED CAD CALL
Apr-26-2022	09:41:33	519826	DOMESTIC SECURITY CHECK - SCHOOL CC	DOMESTIC SECURITY CHECK - SCHOOL CC		Yes	2022-519826	CLOSED CAD CALL
Apr-12-2022	15:22:54	449523	THEFT - FRAUD/FORGERY	IDENTITY THEFT		Yes	2022-449523	GENERAL OFFENSE
Apr-25-2022	11:51:02	515438	IDENTITY THEFT	IDENTITY THEFT		Yes	2022-515438	GENERAL OFFENSE
Apr-13-2022	11:21:26	453374	IDENTITY THEFT	IDENTITY THEFT		Yes	2022-453374	GENERAL OFFENSE
Apr-12-2022	17:15:05	450089	THEFT - FRAUD/FORGERY	IDENTITY THEFT		Yes	2022-450089	GENERAL OFFENSE
Apr-10-2022	13:00:24	439636	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC		Yes	2022-439636	CLOSED CAD CALL

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Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Founded	Report #	Cleared By
Apr-29-2022	13:39:24	535425	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC		Yes	2022-535425	CLOSED CAD CALL
Apr-15-2022	16:23:19	466938	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC		Yes	2022-466938	CLOSED CAD CALL
Apr-04-2022	07:40:34	411695	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC		Yes	2022-411695	CLOSED CAD CALL
Apr-21-2022	11:39:29	497754	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC	INTERSTATE HIGHWAY - CLEAR LINE ZONE CC		Yes	2022-497754	CLOSED CAD CALL
Apr-26-2022	13:28:23	521068	POLICE INFORMATION CC	POLICE INFORMATION CC		Yes	2022-521068	CLOSED CAD CALL
Apr-08-2022	17:38:28	432634	POLICE INFORMATION CC	POLICE INFORMATION CC		Yes	2022-432634	CLOSED CAD CALL
Apr-11-2022	18:44:50	445663	POLICE INFORMATION CC	POLICE INFORMATION CC		Yes	2022-445663	CLOSED CAD CALL
Apr-24-2022	19:35:10	512665	POLICE INFORMATION CC	POLICE INFORMATION CC		Yes	2022-512665	CLOSED CAD CALL
Apr-04-2022	12:09:41	413119	INTERSTATE HIGHWAY - STATIONARY PATROL CC	INTERSTATE HIGHWAY - STATIONARY PATROL CC		Yes	2022-413119	CLOSED CAD CALL
Apr-16-2022	15:22:09	474055	INTERSTATE HIGHWAY - STATIONARY PATROL CC	INTERSTATE HIGHWAY - STATIONARY PATROL CC		Yes	2022-474055	CLOSED CAD CALL
Apr-13-2022	15:30:51	454519	INTERSTATE HIGHWAY - STATIONARY PATROL CC	INTERSTATE HIGHWAY - STATIONARY PATROL CC		Yes	2022-454519	CLOSED CAD CALL
Apr-12-2022	15:33:08	449572	INTERSTATE HIGHWAY - STATIONARY PATROL CC	INTERSTATE HIGHWAY - STATIONARY PATROL CC		Yes	2022-449572	CLOSED CAD CALL
Apr-11-2022	15:56:46	444955	INTERSTATE HIGHWAY - STATIONARY PATROL CC	INTERSTATE HIGHWAY - STATIONARY PATROL CC		Yes	2022-444955	CLOSED CAD CALL
Apr-24-2022	18:28:59	512474	SEE OFFICER	MISSING PERSON		Yes	2022-512474	GENERAL OFFENSE

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PENNSYLVANIA STATE POLICE CAD Call Print Synopsis

Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Founded	Report #	Cleared By
Apr-11-2022	09:55:56	443267	MOTOR CARRIER SAFETY	MOTOR CARRIER SAFETY		Yes	2022-443267	CLOSED CAD CALL
Apr-26-2022	12:12:54	520643	MVC - NON-REPORTABLE	MVC - NON-REPORTABLE		Yes	2022-520643	TRACS CRASH REPORT
Apr-06-2022	09:19:05	421882	MVC - NON-REPORTABLE	MVC - NON-REPORTABLE		Yes	2022-421882	TRACS CRASH REPORT
Apr-25-2022	11:15:53	515269	MVC - NON-REPORTABLE	MVC - NON-REPORTABLE		Yes	2022-515269	TRACS CRASH REPORT
Apr-16-2022	17:39:01	475037	MVC - UNKNOWN INJURIES	MVC - NON-REPORTABLE		Yes	2022-475037	TRACS CRASH REPORT
Apr-05-2022	08:23:23	416622	MVC - REPORTABLE, NO INJURIES	MVC - REPORTABLE, NO INJURIES		Yes	2022-416622	TRACS CRASH REPORT
Apr-14-2022	17:13:35	459702	MVC - NON-REPORTABLE	MVC - REPORTABLE, NO INJURIES		Yes	2022-459702	TRACS CRASH REPORT
Apr-16-2022	07:35:09	471057	MVC - REPORTABLE, NO INJURIES	MVC - REPORTABLE, NO INJURIES		Yes	2022-471057	TRACS CRASH REPORT
Apr-16-2022	10:51:07	472232	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-472232	CLOSED CAD CALL
Apr-02-2022	20:51:30	406889	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-406889	CLOSED CAD CALL
Apr-25-2022	08:31:40	514441	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514441	CLOSED CAD CALL
Apr-10-2022	17:00:25	440472	WELFARE CHECK GO	PATROL CHECK CC		Yes	2022-440472	CLOSED CAD CALL
Apr-11-2022	10:14:24	443372	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-443372	CLOSED CAD CALL
Apr-24-2022	12:30:57	511017	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-511017	CLOSED CAD CALL
Apr-21-2022	08:47:04	497040	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-497040	CLOSED CAD CALL
Apr-25-2022	08:33:53	514453	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514453	CLOSED CAD CALL
Apr-25-2022	10:59:07	515190	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-515190	CLOSED CAD CALL
Apr-25-2022	08:30:06	514428	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514428	CLOSED CAD CALL
Apr-25-2022	10:44:57	515102	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-515102	CLOSED CAD CALL
Apr-25-2022	10:24:40	515019	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-515019	CLOSED CAD CALL
Apr-25-2022	10:21:05	515004	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-515004	CLOSED CAD CALL
Apr-25-2022	09:11:28	514628	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514628	CLOSED CAD CALL
Apr-25-2022	09:06:04	514595	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514595	CLOSED CAD CALL
Apr-25-2022	08:39:51	514479	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514479	CLOSED CAD CALL
Apr-27-2022	07:15:50	523866	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-523866	CLOSED CAD CALL

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Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Founded	Report #	Classified By
Apr-25-2022	07:57:25	514211	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514211	CLOSED CAD CALL
Apr-25-2022	07:59:48	514215	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514215	CLOSED CAD CALL
Apr-25-2022	08:10:17	514332	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514332	CLOSED CAD CALL
Apr-25-2022	08:25:22	514401	PATROL CHECK CC	PATROL CHECK CC		Yes	2022-514401	CLOSED CAD CALL
Apr-05-2022	21:21:55	420423	REQUEST ASSIST - OTHER AGENCY GO	REQUEST ASSIST - OTHER AGENCY GO		Yes	2022-420423	GENERAL OFFENSE
Apr-12-2022	11:36:42	448507	REQUEST ASSIST - LOCAL PD GO	REQUEST ASSIST - LOCAL PD GO		Yes	2022-448507	GENERAL OFFENSE
Apr-04-2022	13:49:24	413573	CHILDLINE	REFER TO OTHER AGENCY - PD R		Yes	2022-413573	REFER
Apr-30-2022	19:00:29	541566	REFER TO OTHER AGENCY - PD R	REFER TO OTHER AGENCY - PD R		Yes	2022-541566	REFER
Apr-16-2022	07:01:33	470888	REFER TO OTHER AGENCY - PD R	REFER TO OTHER AGENCY - PD R		Yes	2022-470888	REFER
Apr-10-2022	18:34:37	440796	ROAD HAZARD - ANIMAL - DEBRIS CC	REFER TO OTHER AGENCY - PD R		Yes	2022-440796	REFER
Apr-19-2022	18:49:45	489631	REQUEST ASSIST - LOCAL PD GO	REFER TO OTHER AGENCY - PD R		Yes	2022-489631	REFER
Apr-25-2022	18:20:04	517202	MVC - INJURIES	REFER TO OTHER AGENCY - PD R		Yes	2022-517202	REFER
Apr-30-2022	09:17:57	539173	ROAD HAZARD - ANIMAL - DEBRIS CC	ROAD HAZARD - ANIMAL - DEBRIS CC		Yes	2022-539173	CLOSED CAD CALL
Apr-17-2022	19:35:59	480940	ROAD HAZARD - ANIMAL - DEBRIS CC	ROAD HAZARD - ANIMAL - DEBRIS CC		Yes	2022-480940	CLOSED CAD CALL
Apr-30-2022	08:15:48	539167	ROAD HAZARD - ANIMAL - DEBRIS CC	ROAD HAZARD - ANIMAL - DEBRIS CC		Yes	2022-539167	CLOSED CAD CALL
Apr-15-2022	10:44:24	463757	ANIMAL CRUELTY	SEE OFFICER GO		Yes	2022-463757	GENERAL OFFENSE
Apr-08-2022	16:00:52	432232	HARASSMENT - COMM - STALK - OTHER	SEE OFFICER GO		Yes	2022-432232	GENERAL OFFENSE
Apr-04-2022	08:22:37	411966	SUSPICIOUS PERSON GO	SEE OFFICER GO		Yes	2022-411966	GENERAL OFFENSE
Apr-11-2022	13:07:54	444233	CHILDLINE	SEE OFFICER GO		Yes	2022-444233	GENERAL OFFENSE

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Apr-26-2022	21:55:19	522979	SEE OFFICER GO	SEE OFFICER GO		Yes	2022-522979	GENERAL OFFENSE
Apr-20-2022	10:05:21	492277	SEE OFFICER GO	SEX OFFENSE - SEXUAL ASSAULT		Yes	2022-492277	GENERAL OFFENSE
Apr-22-2022	21:56:01	504619	SPEECH CC	SPEECH CC		Yes	2022-504619	GENERAL OFFENSE
Apr-12-2022	23:24:42	451262	SUSPICIOUS PERSON GO	SUSPICIOUS PERSON GO		Yes	2022-451262	GENERAL OFFENSE
Apr-12-2022	18:02:44	450317	THEFT	THEFT		Yes	2022-450317	GENERAL OFFENSE
Apr-19-2022	12:37:50	488107	THEFT - FRAUD/FORGERY	THEFT		Yes	2022-488107	GENERAL OFFENSE
Apr-29-2022	13:30:36	535378	BURGLARY OR ATTEMPTED BURGLARY	THEFT		Yes	2022-535378	GENERAL OFFENSE
Apr-21-2022	17:54:18	499144	THEFT - FRAUD/FORGERY	THEFT - FRAUD/FORGERY		Yes	2022-499144	GENERAL OFFENSE
Apr-25-2022	16:50:10	516787	THEFT - FRAUD/FORGERY	THEFT - FRAUD/FORGERY		Yes	2022-516787	GENERAL OFFENSE
Apr-07-2022	15:40:19	427880	THEFT - FRAUD/FORGERY	THEFT - FRAUD/FORGERY		Yes	2022-427880	GENERAL OFFENSE
Apr-07-2022	09:41:19	426631	THEFT - FRAUD/FORGERY	THEFT - FRAUD/FORGERY		Yes	2022-426631	GENERAL OFFENSE
Apr-19-2022	14:57:13	488630	FRAUD/FORGERY THREATS - ACTOR NOT ON SCENE	FRAUD/FORGERY THREATS - ACTOR NOT ON SCENE		Yes	2022-488630	GENERAL OFFENSE
Apr-16-2022	17:14:52	474866	TRAFFIC STOP CC	TRAF VIOL-DUI DRUG & ALCOHOL W/DRUG POSS		Yes	2022-474866	GENERAL OFFENSE
Apr-02-2022	10:47:22	405011	TRAFFIC CONTROL CC	TRAFFIC CONTROL CC		Yes	2022-405011	CLOSED CAD CALL
Apr-07-2022	13:25:41	427382	TRAFFIC VIOLATION/ERRATIC DRIVER CC	TRAFFIC VIOLATION/ERRATIC DRIVER CC		Yes	2022-427382	CLOSED CAD CALL
Apr-29-2022	18:07:01	536694	TRAFFIC VIOLATION/ERRATIC DRIVER CC	TRAFFIC VIOLATION - OTHER CC		Yes	2022-536694	CLOSED CAD CALL
Apr-21-2022	08:48:40	497051	TRAFFIC VIOLATION - OTHER CC	TRAFFIC VIOLATION - OTHER CC		Yes	2022-497051	CLOSED CAD CALL
Apr-17-2022	17:13:23	480311	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-480311	WARNING (TRAFFIC STOP)
Apr-11-2022	23:32:38	446277	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-446277	TRAFFIC CITATION
Apr-25-2022	09:17:40	514654	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-514654	WARNING (TRAFFIC STOP)

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Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Found	Report #	Cleared By
Apr-10-2022	23:16:28	441484	TRAFFIC STOP CC	TRAFFIC STOP CC		es	2022-441484	TRAFFIC CITATION
Apr-17-2022	10:48:47	478386	TRAFFIC STOP CC	TRAFFIC STOP CC		es	2022-478386	TRAFFIC CITATION
Apr-11-2022	22:36:28	446182	TRAFFIC STOP CC	TRAFFIC STOP CC		es	2022-446182	TRAFFIC CITATION
Apr-22-2022	00:46:16	500182	TRAFFIC STOP CC	TRAFFIC STOP CC		es	2022-500182	TRAFFIC CITATION WARNING (TRAFFIC STOP)
Apr-22-2022	01:01:24	500199	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-500199	CLOSED CAD CALL
Apr-11-2022	20:52:41	445988	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-445988	TRAFFIC CITATION
Apr-15-2022	10:36:13	463678	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-463678	TRAFFIC CITATION
Apr-11-2022	15:27:46	444822	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-444822	TRAFFIC CITATION
Apr-16-2022	09:27:36	471625	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-471625	TRAFFIC CITATION WARNING (TRAFFIC STOP)
Apr-25-2022	13:17:57	515840	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-515840	TRAFFIC CITATION
Apr-11-2022	10:18:45	443406	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-443406	TRAFFIC CITATION
Apr-26-2022	09:11:42	519671	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-519671	TRAFFIC CITATION
Apr-26-2022	09:25:56	519757	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-519757	TRAFFIC CITATION
Apr-10-2022	10:21:01	439082	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-439082	TRAFFIC CITATION
Apr-15-2022	10:43:50	463737	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-463737	TRAFFIC CITATION
Apr-23-2022	00:38:14	505088	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-505088	TRAFFIC CITATION
Apr-26-2022	13:33:30	521053	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-521053	TRAFFIC CITATION WARNING (TRAFFIC STOP)
Apr-23-2022	01:58:59	505283	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-505283	WARNING (TRAFFIC STOP)
Apr-15-2022	11:40:55	464212	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-464212	TRAFFIC CITATION
Apr-26-2022	23:08:35	523091	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-523091	WARNING (TRAFFIC STOP)
Apr-15-2022	12:40:16	464774	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-464774	TRAFFIC CITATION
Apr-27-2022	10:24:34	524947	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-524947	WARNING (TRAFFIC STOP)

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Call Date	Time	Call Number	Original Call Type	Final Call Type	Location	Found	Report #	Cleared By
Apr-27-2022	10:58:28	525139	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-525139	WARNING (TRAFFIC STOP)
Apr-15-2022	13:10:12	465075	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-465075	TRAFFIC CITATION
Apr-15-2022	13:12:36	465103	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-465103	TRAFFIC CITATION
Apr-06-2022	20:08:12	424717	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-424717	TRAFFIC CITATION
Apr-10-2022	00:08:44	437625	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-437625	TRAFFIC CITATION
Apr-19-2022	11:06:07	487688	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-487688	TRAFFIC CITATION
Apr-16-2022	09:32:38	471662	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-471662	TRAFFIC CITATION
Apr-05-2022	08:39:14	416737	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-416737	WARNING (TRAFFIC STOP)
Apr-20-2022	18:52:43	495060	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-495060	WARNING (TRAFFIC STOP)
Apr-20-2022	23:41:37	495854	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-495854	TRAFFIC CITATION
Apr-21-2022	00:27:05	495945	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-495945	TRAFFIC CITATION
Apr-04-2022	07:25:13	411592	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-411592	TRAFFIC CITATION
Apr-14-2022	07:18:32	457075	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-457075	TRAFFIC CITATION
Apr-15-2022	07:36:13	462087	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-462087	WARNING (TRAFFIC STOP)
Apr-15-2022	09:43:41	463190	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-463190	TRAFFIC CITATION
Apr-12-2022	16:40:38	449904	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-449904	CANCELLED
Apr-16-2022	09:53:43	471803	TRAFFIC STOP CC	TRAFFIC STOP CC		Yes	2022-471803	TRAFFIC CITATION

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**WORCESTER TOWNSHIP BOARD OF SUPERVISORS WORK SESSION
WORCESTER TOWNSHIP COMMUNITY HALL
FAIRVIEW VILLAGE, WORCESTER, PA
WEDNESDAY, APRIL 20, 2022 – 6:30 PM**

CALL TO ORDER by Chair DeLello at 6:30 PM

PLEDGE OF ALLEGIANCE

ATTENDANCE

PRESENT: RICK DELELLO [X]
LOU BETZ [X]
STEVE QUIGLEY [X]

INFORMATIONAL ITEMS

- Bob Brant, Township Solicitor, announced the Board of Supervisors met in Executive Session on March 28 to discuss a personnel matter, on April 7 to discuss a personnel matter, and prior to this evening's Work Session to discuss a matter of real estate.
- Tommy Ryan, Township Manager, announced this evening's Work Session was being video-recorded for rebroadcast.

PRESENTATIONS

open space referendum – Chair DeLello commented on referendum types, in specific debt referendum and tax referendum.

Chair DeLello commented on earned income tax referendum and on real estate tax referendum.

Mr. Brant commented on the debt referendum process and on the tax referendum process.

Supervisor Quigley commented on the recently-established Worcester Township Open Space Preservation Program. Supervisor Quigley noted residents may contribute to this program. Supervisor Quigley commented on open space tax impact on residents with fixed incomes.

Supervisor Quigley commented on Montgomery County Farmland Preservation Program efforts and experiences.

Chair DeLello noted State Law does not allow the Township to offer a property owner wanting to sell land an amount greater than the appraised value of the land.

The Members discussed real estate tax and earned income tax options.

PUBLIC COMMENT

- Bob Fesnak, Worcester, commented on open space preservation efforts, resident survey results, preservation efforts employed in other municipalities, a Montgomery County preservation study, real estate tax and earned income tax options, projected tax receipts, and referendum schedule.
- Burt Hynes, Worcester, commented on real estate tax and earned income tax options, current millage rates assessed by Worcester Township, Methacton School District, and Montgomery County, and possible open space tax rate for Worcester Township.
- Wini Hayes, Worcester, commented on open space preservation efforts, preservation education, referendum schedule, real estate tax and earned income tax options, and bond financing.
- Christine Steere, Worcester, commented on open space preservation efforts and on preservation education.

ADJOURNMENT

There being no further business brought before the Board, Chair DeLello adjourned the Work Session at 7:30 PM.

Respectfully Submitted:

Tommy Ryan
Township Manager

**WORCESTER TOWNSHIP BOARD OF SUPERVISORS BUSINESS MEETING
WORCESTER TOWNSHIP COMMUNITY HALL
FAIRVIEW VILLAGE, WORCESTER, PA
WEDNESDAY, APRIL 20, 2022 – 7:30 PM**

CALL TO ORDER by Chair DeLello at 7:35 PM

PLEDGE OF ALLEGIANCE

ATTENDANCE

PRESENT: RICK DELELLO [X]
LOU BETZ [X]
STEVE QUIGLEY [X]

INFORMATIONAL ITEMS

- Bob Brant, Township Solicitor, announced the Board of Supervisors met in Executive Session on March 28 to discuss a personnel matter, on April 7 to discuss a personnel matter, and prior to this evening's Work Session to discuss a matter of real estate.
- Tommy Ryan, Township Manager, announced this evening's Business Meeting was being video-recorded for rebroadcast.

PUBLIC COMMENT

- There was no public comment at this evening's meeting.

OFFICIAL ACTION ITEMS

- a) Consent Agenda – Chair DeLello asked if any Member wished to remove an item from the consent agenda. There were no requests to remove an item from the consent agenda.

Supervisor Betz made a motion to approve a consent agenda that includes (a) the Treasurer's Report and other Monthly Reports for March 2022, (b) bill payment for March 2022 in the amount of \$464,363.34, and, (c) the March 16, 2022 Business Meeting minutes. The motion was seconded by Supervisor Quigley.

There was no public comment.

By unanimous vote the Board adopted the motion to approve.

- b) Resolution 2022-10 – Stacy Crandell, Assistant Township Manager, provided an overview of a proposed lot line change at Water Street Road. Joe Nolan, Township Engineer, confirmed the Applicant had satisfactorily addressed all outstanding items.

Supervisor Betz made a motion to approve Resolution 2022-10, to grant Preliminary/Final Plan Approval for Marcolina, LD 2022-02, a lot line change at Water Street Road. The motion was seconded by Supervisor Quigley.

There was no public comment.

By unanimous vote the Board adopted the motion to approve.

- c) Resolution 2022-11 – Mr. Nolan provided an overview of methodology employed to establish a sanitary sewer tapping fee.

Chair DeLello commented on assessment frequency.

Supervisor Quigley commented on associated legal expenses, and on the manner by which privately-held utility company rate changes are approved.

Supervisor Betz made a motion to approve Resolution 2022-11, to set a tapping fee and to accordingly amend the 2022 Fee Schedule. The motion was seconded by Supervisor Quigley.

There was no public comment.

By unanimous vote the Board adopted the motion to approve.

- d) Resolution 2022-12 – Supervisor Betz made a motion to approve Resolution 2022-12, to support the Pennsylvania Commission for the US Semiquincentennial. The motion was seconded by Supervisor Quigley.

There was no public comment.

By unanimous vote the Board adopted the motion to approve.

- e) Resolution 2022-13 – Mr. Brant provided an overview of a revision to the Worcester Township Personnel Manual regarding Township employee and contractor access to private property.

Supervisor Quigley commented on drone incursions over private property.

Supervisor Betz made a motion to approve Resolution 2022-13, to amend the Worcester Township Personnel Manual. The motion was seconded by Supervisor Quigley.

Jim Mollick, Worcester, inquired as to the law pertaining to private property access granted to municipal personnel.

By unanimous vote the Board adopted the motion to approve.

- f) Resolution 2022-14 – Mr. Brant provided an overview of a multi-municipal agreement to implement a pollutant reduction plan in the Skippack Creek Watershed. Mr. Nolan noted the

Board of Supervisors, at its May 18 Business Meeting, will conduct a Public Hearing on the pollutant reduction plan to be submitted to the Pennsylvania Department of Environmental Protection. Mr. Nolan commented on the agreed-upon cost-sharing arrangement among the member municipalities.

Supervisor Quigley inquired about recent streambank clean-up efforts.

Supervisor Betz made a motion to approve Resolution 2022-14, to approve an intermunicipal agreement for the Skippack Watershed Alliance. The motion was seconded by Supervisor Quigley.

There was no public comment.

By unanimous vote the Board adopted the motion to approve.

- g) bid award – Mr. Nolan provided an overview of bids received to construct a pavilion and restroom facility at Mount Kirk Park. Mr. Nolan commented on grant funding for the project.

Supervisor Quigley inquired about stormwater management measures to be installed.

Supervisor Betz made a motion to award a bid for the Mount Kirk Park Improvement Project to Gordon H. Bayer, Pennsburg, PA, the lowest responsive and responsible bidder, for general construction, in the amount of \$189,455, and to O'Malley Electric LLC, East Norriton, PA, the lowest responsive and responsible bidder, in the amount of \$67,000. The motion was seconded by Supervisor Quigley.

There was no public comment.

By unanimous vote the Board adopted the motion to approve.

- h) bid award – Mr. Nolan provided an overview of bids received for the 2022 Culvert Improvement Project.

Supervisor Betz made a motion to award a bid for the 2022 Culvert Improvement Project to PLY-MAR Construction, Inc., Plymouth Meeting, PA, the lowest responsive and responsible bidder, in the amount of \$86,315. The motion was seconded by Supervisor Quigley.

Jeremy Quinn, Worcester, commented on the project selection process.

By unanimous vote the Board adopted the motion to approve.

- i) motion – Supervisor Betz made a motion to appoint Bellwoar Kelly, LLP, Special Counsel. The motion was seconded by Supervisor Quigley.

There was no public comment.

By unanimous vote the Board adopted the motion to approve.

OTHER BUSINESS

- Supervisor Quigley commented on the distribution of opioid settlement funds.

PUBLIC COMMENT

- There was no public comment at this evening's meeting.

ADJOURNMENT

There being no further business brought before the Board, Chair DeLello adjourned the Business Meeting at 8:30 PM.

Respectfully Submitted:

Tommy Ryan

DRAFT

SKIPPACK CREEK WATERSHED
MULTI-MUNICIPAL
POLLUTION REDUCTION PLAN



Participating Communities:

Hatfield Township
Lower Providence Township
Skipack Township

Towamencin Township
Worcester Township



Prepared for:
Pennsylvania Department of Environmental Protection

SKIPPACK CREEK MULTI-MUNICIPAL PRP PLAN - 2022

Skipack Creek Watershed Pollution Reduction Plan

Prepared for:
Hatfield Township
Lower Providence Township
Skipack Township
Towamencin Township
Worcester Township

Prepared by:
AEGIS ENGINEERING & PLANNING

April 2022

PLANNER/ENGINEER

Gregory S. Duncan, P.E., LEED-AP

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KEY TERMS

NUTRIENTS | ARE ELEMENTS THAT ARE ESSENTIAL FOR PLANT GROWTH. THEY INCLUDE NITROGEN (N), PHOSPHORUS (P), POTASSIUM (K), CALCIUM (CA), MAGNESIUM (MG), SULFUR (S) AND SILICON (SI). N, P AND K ARE CONSIDERED PRIMARY NUTRIENTS. N AND P ARE THE MAJOR LIMITING NUTRIENTS IN MOST AQUATIC ENVIRONMENTS

SEDIMENT, SILTATION & SUSPENDED SOLIDS | ALL REFER TO INORGANIC SOLIDS AND ARE HEREINAFTER REFERRED TO AS “SEDIMENT”

MS4 PLANNING AREA OR “PLANNING AREA” | REFERS TO ALL THE STORM SEWERSHEDS THAT AN MS4 MUST CALCULATE EXISTING LOADS AND PLAN LOAD REDUCTIONS FOR

BASELINE LOAD | POLLUTANT LOAD DISCHARGED BY AN MS4 AS REPORTED IN A TMDL PER PADEP INSTRUCTIONS (3800-PM-BCW02000 REV. 3/2017), A BASELINE LOAD CAN BE REVISED BY 1) CONDUCTING A NEW MODELING EFFORT THAT UTILIZES THE LAND USE/LAND COVER INFORMATION FROM THE ORIGINAL TMDL AND 2) BY CONSIDERING THE REDUCTIONS ACHIEVED THROUGH STRUCTURAL BMPs INSTALLED PRIOR TO APPROVAL OF A TMDL THAT WERE NOT CONSIDERED DURING DEVELOPMENT OF THE TMDL

EXISTING LOAD | REFERS TO THE POLLUTANT LOAD THAT THE MS4 ESTIMATES IS DRAINING TO IMPAIRED WATERS FROM THE PLANNING AREA AT THE TIME OF TMDL PLAN SUBMISSION. THE EXISTING LOAD WILL BE THE SAME AS THE BASELINE LOAD (REGARDLESS OF WHETHER OR NOT THE BASELINE LOAD IS REVISED) UNLESS THE MS4 ACCOUNTS FOR REDUCTIONS FROM STRUCTURAL BMPs INSTALLED BETWEEN THE DATE OF TMDL APPROVAL AND TMDL PLAN SUBMISSION.

SKIPPAK CREEK WATERSHED ALLIANCE (SCWA) | MEMBERS OF THIS MULTI-MUNICIPAL ALLIANCE ALSO REFERRED TO IN THIS DOCUMENT AS THE “ALLIANCE”.

ACRONYMS

AVGWLF | ARCVIEW GENERALIZED WATERSHED LOADING FUNCTION
BMP | BEST MANAGEMENT PRACTICE
DEM | DIGITAL ELEVATION MODEL
DEP | DEPARTMENT OF ENVIRONMENTAL PROTECTION (PA)

EPA | ENVIRONMENTAL PROTECTION AGENCY

ESRI | ENVIRONMENTAL SYSTEM RESEARCH INSTITUTE

FEMA | FEDERAL EMERGENCY MANAGEMENT AGENCY

FIRM | FLOOD INSURANCE RATE MAP
FIS | FLOOD INSURANCE STUDY

GIS | GEOGRAPHIC INFORMATION SYSTEMS

GPS | GLOBAL POSITIONING SYSTEM
GWLF-E | GENERALIZED WATERSHED LOADING FUNCTION ENHANCED.

LID | LOW IMPACT DEVELOPMENT
LIDAR | LIGHT DETECTION AND RANGING

MEP | MAXIMUM EXTENT PRACTICABLE
MCM | MINIMUM CONTROL MEASURE
MRLC | MULTI-RESOLUTION LAND CHARACTERISTICS CONSORTIUM
MS4 | MUNICIPAL SEPARATE STORM SEWER SYSTEM

NAD 83 | NORTH AMERICAN DATUM OF 1983

NPDES | NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

PASDA | PENNSYLVANIA SPATIAL DATA ACCESS

PRP | POLLUTION REDUCTION PLAN
SCWA | SKIPPAK CREEK WATERSHED ALLIANCE

SSURGO | SOIL SURVEY GEOGRAPHIC DATABASE

TMDL | TOTAL MAXIMUM DAILY LOAD
TP | TOTAL PHOSPHORUS

TSS | TOTAL SUSPENDED SEDIMENT
WLA | WASTELOAD ALLOCATION

EXECUTIVE SUMMARY

The Skippack Creek watershed is approximately 55.5 square miles and encompasses drainage areas from twelve (12) municipalities. As is already known, the State’s Department of Environmental Protection (PADEP) has required these twelve MS4 communities, with impaired waterways, to outline steps that must be taken to reduce sediment load currently discharging to (and from) the Skippack Creek by way of TMDL Plans. For the Skippack Creek, DEP/EPA is requiring a reduction of 18% or 1,662,465 lbs/yr cumulatively, by the five municipalities participating in this multi-municipal plan. Pollution load reduction on this scale presents a significant challenge to individual municipalities who may look to achieve these numbers on their own. As the professionals working towards this goal can attest, the path to addressing these reduction numbers individually have proven difficult and cost prohibitive. Consequently, the purpose of this study was to evaluate the potential of planning on a “regional” or watershed basis versus on a “project” (municipal) basis. In looking at the overall watershed, this study sought to evaluate the potential for a greater magnitude of sediment reduction by planning collectively, and on a much larger scale, in order to identify potential projects which could potentially allow for pollution reductions much greater than many of the municipalities would be able to accomplish on their own. Another aspect of this evaluation was to identify compliance with these permit goals in a more cost-effective way. After reviewing a large cross-section of potential programs, the field of projects was narrowed down to thirteen (13) programs which, if executed, could provide approximately 10% of the required 18% reduction of sediment and 5% reduction of phosphorus in permit term one. This plan is submitted as a pollution reduction plan as it is deemed infeasible to meet the full reduction of 18% in only five years. As currently planned, the remaining 8% (18%, cumulatively) will be addressed in subsequent permit terms (permit terms typically represent a 5-year cycle).

SECTION 1 | GENERAL INFORMATION

1.1 | Key Terms

“Key Terms” have been summarized on page iii.

1.2 | Pollutants of Concern

Pursuant to Pennsylvania Department of Environmental Protection instructions for “TMDL Plan Instructions”, page 1, section 1, subsection B,

PA DEP Requirement:

“Pollutant(s) of Concern: The pollutant(s) of concern for TMDL Plans will be based on the following:

- *if a WLA has been established in a TMDL for sediment, the MS4 is expected to develop the TMDL Plan based on the reduction of sediment.*

- *if WLAs have been established in a TMDL for sediment and nutrients, the MS4 is expected to develop the TMDL Plan based on the reduction of sediment and TP, unless the MS4 chooses to utilize a presumptive approach for TP. DEP will allow MS4s to calculate loads and pollutant reductions based on sediment, under the assumption that the achievement of the TMDL Plan objectives for sediment will also achieve the objectives for TP. MS4s must identify use of the presumptive approach in its TMDL Plan if chosen.*
- *if a WLA has been established in a TMDL for nutrients alone (or surrogates for nutrients such as “excessive algal growth” and “organic enrichment/low D.O.”), the MS4 is expected to develop the TMDL Plan based on the reduction of TP, unless the presumptive approach is chosen, as described above.*

The Skippack Creek Watershed is impaired for sediment and phosphorus. Per PADEP instructions, under bullet point 2, this plan will prescribe a quantitative approach with reducing sediment thereby significantly reducing phosphorous loads i.e. a “presumptive” approach with mitigating phosphorous through the control of sediment loads.

SECTION 2 | OBJECTIVES

2.1 | Introduction

The Skippack Creek Watershed is impaired for sediment and phosphorus. As a result, a Total Maximum Daily Load (TMDL) Implementation Plan is required to address these impairments. This document follows DEP 3800-FM-BPNP-SM0493 Commonwealth of Pennsylvania MS4 TMDL Instructions and provides a prescriptive approach for reduction of known sources of impairments to receiving waterbodies within the Skippack Creek Watershed. The document serves as a joint PRP reduction plan for a group of municipalities within the Skippack Creek with the purpose of outlining actions being taken to achieve sediment and phosphorus reductions to meet EPA clean water standards for the Skippack Creek. A TMDL was issued for Skippack Creek in 2005. Since compliance with these goals in a five-year period not feasible, this plan is issued as a pollution reduction plan meant to define a path to achieve a 10% reduction for sediment and 5% reduction of phosphorous over a 5-year period.

This plan is submitted on behalf of the member municipalities of the Skippack Creek Watershed Alliance. It is understood that the reductions required for compliance with the Skippack Creek TMDL will require multiple permit periods. Therefore, it is recommended by PADEP that this report be submitted as a pollution reduction plan for meeting reductions required for the Skippack Total Maximum Daily Load (TMDL) over multiple permit periods. This section outlines methods and planning required to meet the TMDL requirement. This document follows the Pennsylvania Department of Environmental Protection document 3800-FM-BPNP-SM043 “MS4 TMDL Plan” which requires a prescriptive approach for planning and project execution to address impairments in the form of best management practices (BMPs) including their location, project type and estimated wasteload reduction value. In a selection of BMP sites, preference was given to publicly owned sites because public ownership will allow for more rapid

implementation. Some private land sites that were well suited for cost-effective BMP implementation or BMP enhancements were also considered and included.

It is understood that this plan will be updated in the future to reflect any changed conditions and permit requirements.

NOTE: This document contains information providing background site conditions, existing and future stormwater management strategies, and additional data required for supporting overall TMDL compliance. The plan is submitted to address critical information required by PADEP on the TMDL Instructions 3800-FM-BPNPSM0493 form and Pollutant Reduction Plan (PRP) Instructions 3800-FM-BCW0100K form.

2.2 | Program Overview

This document provides a full description of the planning and direction the Skippack Creek Watershed Alliance (SCWA) is taking to restore natural streams, improve water quality and address historical damage caused by urban stormwater runoff. Watershed restoration is a regulatory requirement of the Township's National Pollutant Discharge Elimination System (NPDES) that is administered through its Municipal Separate Storm Sewer System (MS4) Permit.

Through this implementation Plan, pollutant loads from point and nonpoint sources must be reduced through implementation of a variety of best management practices (BMPs). As a condition of the renewed NPDES permit, the permittee must make progress towards implementation of these measures in order to achieve quantifiable waste load reductions that can be credited towards the wasteload reduction percentages established by EPA.

Figure 2.1 below depicts the communities who are participating in this multi-municipal alliance. Member municipalities are outlined in yellow.

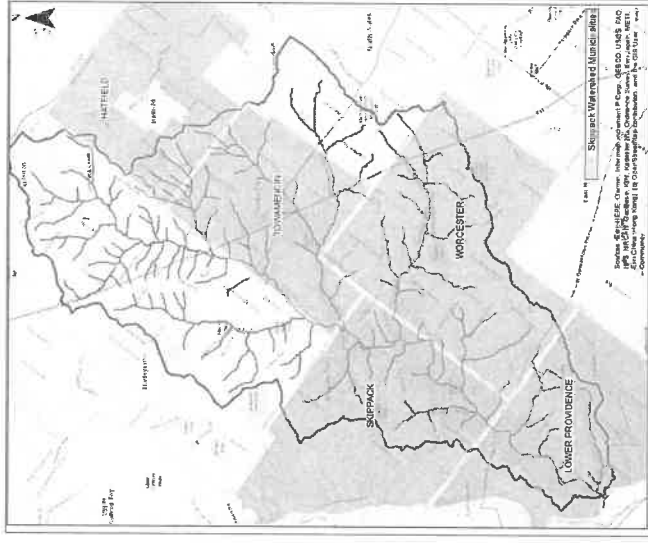


Figure 2.1: Skippack Creek Watershed Alliance Multi-Municipal Permit Group

Within this document, a description of goals and strategies for complying with watershed-specific restoration and water quality standards that are described under the current MS4 permit will be provided to serve as the planning basis for the group to:

- Meet Total Maximum Daily Load (TMDL) Wasteload Allocations (WLAs) by addressing reduction percentages approved by EPA;
- Educate and involve residents, businesses, and stakeholder groups in achieving measurable water quality improvements;
- Establish a reporting and verification framework to be used for annual reporting as required in the Group's NPDES MS4 Permits; and
- Identify necessary organizational infrastructure changes and partnerships required to implement this Strategy.

SECTION 3 | PUBLIC PARTICIPATION

3.1 | Stakeholder Outreach

To address the goals of this program a coordinated effort took place starting in late summer of 2017, in which the communities contacted residents, private businesses as well as, utility and transportation agencies; through letters and emails, to inform and invite individuals and organizations to a series of stakeholder discussions which would lay the groundwork for the analysis of potential sediment load reducing projects which could be considered under this analysis. Overall, a series of three meetings took place, beginning on June 21, 2017, until October 26, 2017 when the final meeting was held. These meetings, in addition to the participating municipalities, were attended by representatives of:

- Aqua (Now known as Essential Utilities)
- Meadowood (A senior living community in Worcester Township)
- Montgomery County Conservation District
- Montgomery County Planning Agency
- PennDOT
- Perkhomen Watershed Conservancy

For potential projects discussed, project data was gathered from the various township representatives and stakeholders so that these could be quantified and counted towards sediment reduction. In addition, potential candidate sites were also discussed. After gathering location and mapping data from the municipalities' engineers and stakeholders, an assessment of potential projects was conducted. During this first phase of this planning effort, a cross-section of potential projects was selected based on a variety of factors, including land ownership rights, size of site, area of tributary lands, location in watershed, etc. From approximately twenty-seven (27) potential projects, the field was narrowed down to which projects would likely provide the highest benefit versus cost towards meeting the sediment and phosphorus reduction goals of this program and those projects were made part of the short-term sediment and phosphorus reduction projects described in Section 6.3.2 of this report.

3.2 | Public Notification

PA DEP Requirement: *"The applicant shall make a complete copy of the PRP available for public review"*

A complete copy of this TMDL Plan is available for review by the public at the following locations:

- Hatfield Township Administration Building
- Worcester Township Administration Building
- Townamencin Township Administration Building
- Lower Providence Township Administration Building
- Skippack Township Administration Building

PA DEP Requirement: *"The applicant shall publish, in a newspaper of general circulation in the area, a public notice containing a statement describing the plan, where it may be reviewed by the public, and the length of time the permittees will provide for the receipt of comments. The public notice must be published at least 45 days prior to the deadline for submission of the PRP to DEP. Attach a copy of the public notice to the PRP."*

The required public notice will be printed in the local paper in April of 2022. A copy of the public notice and proof of publishing will be attached in Appendix F.

PA DEP Requirement: *"The applicant shall accept written comments for a minimum of 30 days from the date of public notice. Attach a copy of all written comments received from the public to the PRP."*

Written comments will be received from April to May of 2022. A copy of the written comments received from the public will be attached in Appendix F.

PA DEP Requirement: *"The applicant shall accept comments from any interested member of the public at a public meeting or hearing, which may include a regularly scheduled meeting of the governing body of the municipality or municipal authority that is the permittee."*

Verbal comments will be accepted from the public at the regularly scheduled Township Board of Supervisors meetings during the month of April & May 2022. A copy of the verbal comments will be attached in Appendix F.

PA DEP Requirement: *"The applicant shall consider and make a record of the consideration of each timely comment received from the public during the public comment period concerning the plan, identifying any changes made to the plan in response to the comment. Attach a copy of the permittees' record of consideration of all timely comment received in the public comment period to the PRP."*

All written and verbal public comments will be considered and a written response to each comment will be attached in the Appendix F.

SECTION 4 | MAPPING

4.1 | Primary Mapping

PA DEP Requirement: *“Attach a map that identifies land uses and/or impervious/pervious surfaces and the storm watershed boundary associated with each MS4 outfall that discharges to impaired surface waters, or surface waters draining to the Chesapeake Bay (see note below), and calculate the storm watershed area that is subject to Appendix D and/or Appendix E. In addition, the map must identify the proposed location(s) of structural BMP(s) that will be implemented to achieve the required pollutant load reductions.” “The MS4 may display the storm watershed for each MS4 outfall or just the PRP Planning Area, at its discretion.”*

A map showing the MS4 planning area and current land covers is included in Appendix E. For discussion purposes, elements of the full-sized maps are also represented in Sections 4 and 6 of this plan. A map showing the planning area and the locations of structural BMPs proposed to meet the minimum required reductions in pollutant loading for this planning period is provided in Figure 6.3 and Figure 6.4.

4.2 | Supplementary Mapping & Description Skippack Watershed

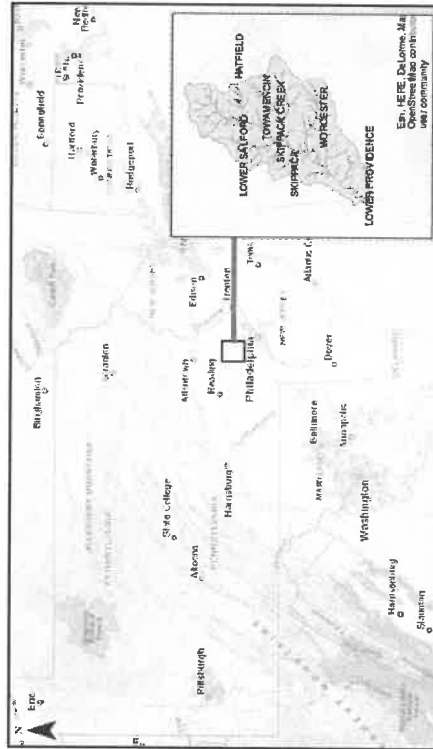


Figure 4.1: Skippack Creek Watershed Location Map

The Skippack Creek is a major tributary of the Perkiomen Creek located primarily in Montgomery County, Pennsylvania with some small areas within Bucks County. The watershed contributes to approximately 106.5 miles of streams and tributaries and encompasses a 55.8 square-mile area. Historically, the Skippack Creek watershed served as a productive farming region. Over the last 50 years the area has rapidly transitioned to residential and commercial areas. Much of the wetlands, streams, and meadows that once dominated this landform providing water recharges, stormwater controls, and animal habitats have been replaced by residential and commercial development.

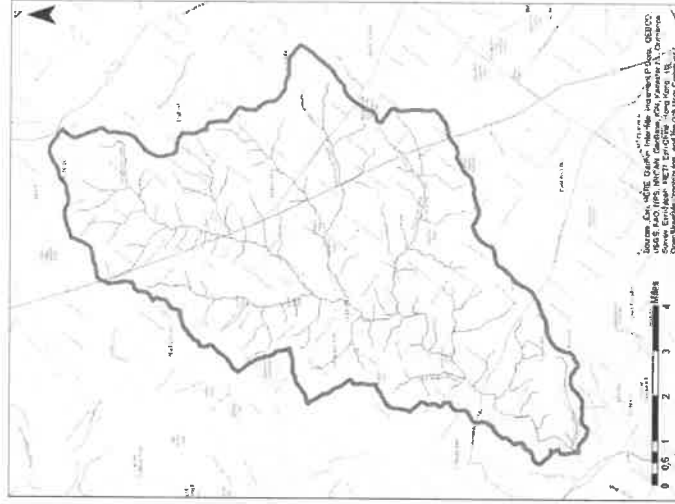


Figure 4.2: Skippack Creek Watershed

Agricultural soils of statewide importance are concentrated along the Skippack Creek which supported early farming settlements, and about one-third of the Skippack Creek watershed remains in agricultural use today. In addition, the 3,276 acres of the Evansburg State Park is home to a small population of plant species of special concern.

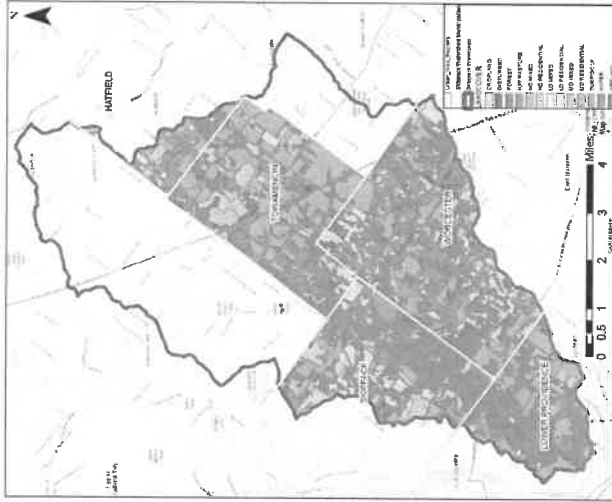


Figure 4.3: 2006 Land Cover Data per Multi-Resolution Land Characteristics (MRLC) consortium

Human activities have had widespread impacts on the Skippack and Perkiomen Creeks, including increasing pollution, sedimentation, and erosion associated with stormwater runoff from urbanizing landscapes, as well as point sources of discharge. Dams, created to enhance industrial development more than a century ago, still impact the creek through impoundment, flow alteration, and flow variability. While Evansburg State Park's intact forests protect about half of the main stem of the Skippack Creek, loss of forest cover in the headwater and upstream segments of the creek exacerbates point and non-point source pollutants from land uses and stream erosion.

SECTION 5 | TMDL ASSESSMENT

5.1 | Pollutant of Concern

PA DEP Requirement: "Identify pollutant of concern"

Skippack Creek is designated as Trout Stock Fishery. The Skippack Creek main stem and tributaries are listed as impaired for siltation/sediment and has a Siltation/Sediment TMDL, which was issued by US EPA in 2005.

Skippack Creek was also initially regulated by TMDL for Phosphorus. However, this requirement was withdrawn shortly after acceptance of the 2005 study. Currently, reductions to phosphorous is being required through PRP as it is listed in the PADEP Integrated Water Quality Report with lower reaches of the Creek having been designated for impairment by nutrients, since 1996.

5.2 | Past Reported TMDL

Title of TMDL: U.S. Environmental Protection Agency, Region 3, Total Maximum Daily Load for Skippack Creek, Montgomery County, Pennsylvania, April 8, 2005.

Watershed Name: Schuylkill Watershed HUC: 02040203

MS4 Permittees subject to TMDL:

Table 5.1. Municipalities Subject to Skippack Creek TMDL within HUC 0204020

Municipality	County
Franconia Township	Montgomery
Hatfield Township	Montgomery
Hilltown Township	Bucks
Lansdale Borough	Montgomery
Lower Providence Township	Montgomery
Lower Salford Township	Montgomery
Skippack Township	Montgomery
Souderton Borough	Montgomery
Telford Borough	Montgomery
Towamencin Township	Montgomery
Upper Gwynedd Township	Montgomery
Worcester Township	Montgomery

(Note: Municipalities in bold are participants of this plan)

Skippack Creek Watershed Alliance Waste Load Allocations and Required Reduction:

Table 5.2 shows the sediment load allocated to selected municipalities with MS4s in the Skippack watershed, as well as the estimated current sediment load being discharged from the 2005 TMDL Report.

Table 5.2. Existing Pollutant Loads for Alliance Communities in the Skippack Watershed¹

Component/Source	Allocated Sediment Load (lbs/yr)	Current Sediment Load (lbs/yr)	Required % of Reduction	Required Reduction (lbs/yr)
Hatfield	1,742,235	2,126,160	18%	383,925
Lower Providence	1,694,657	2,067,511	18%	372,854
Skippack	2,242,531	2,735,864	18%	493,333
Towamencin	11,009,513	13,545,558	18%	2,536,045
Worcester	3,740,010	4,563,192	18%	823,182
Total	20,428,946	25,038,285	18%	4,609,339

¹ Summary table reflects sediment baseline load from the original TMDL Report for Skippack Creek (2005).

Counties Subject to TMDL within HUC: Montgomery & Bucks County

Allocated Pollutant Loadings: Refer to Table 5.2 and Section 5.2.

Reductions in Pollutant Loadings Necessary to Meet WLA: Refer to Table 5.2 and Section 5.2.

List of Control Measures to Meet the TMDL: Refer to Section 6.0.

Analysis of Pollutant Load Reductions and Implementation Timeline: Refer to Section 6.0.

5.3 | Updated Baseline Sediment Loads & Reductions

5.3.1 MapShed

From "NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) INDIVIDUAL PERMIT TO DISCHARGE STORMWATER FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s) TMDL PLAN INSTRUCTIONS" 3800-PM-BCW0200d Rev. 3/2017:

"MS4s may choose to calculate existing load(s) for a TMDL Plan through a new modeling effort using the MapShed model developed by the Pennsylvania State University (www.mapshed.psu.edu) or a comparable, or more robust, continuous simulation model. Any new modeling effort must focus on the TMDL Planning Area and account for overland flow as well as downstream channel and bank erosion; therefore, modeling must be done at a scale that allows for the quantification of both impacts. New modeling must utilize the same land use/land cover information that was used to develop the TMDL or other quality assured land use/land cover data from the time of TMDL approval. DEP recommends that prior to and/or during any new modeling effort that MS4s contact DEP's Bureau of Clean Water, Water Quality Division, TMDL Section at (717) 787-5017 for guidance."

Baseline sediment loads in the Skippack Creek watershed were recalculated using the MapShed modeling tool. MapShed was utilized in this plan because: 1) It is understood that MapShed is the preferred platform by PADEP to support TMDL planning and compliance in the Commonwealth; 2)

MapShed allows for consistency in the calculation of reduction benefit within the same tool used to calculate reduction targets; and 3) This approach is consistent with the approach of other MS4s in the Commonwealth, including by nearby municipalities with shared TMDL responsibilities.

MapShed was developed by Dr. Barry Evans of Penn State University in collaboration with PADEP, which has also funded the development of the model. The MapShed modeling tool was used to inform this strategy (Version 1.5.0) includes an enhanced version of the core Generalized Watershed Loading Function model (GWLF). The predecessor to the GWLF model, AVGWLF, was previously used in determining the waste load allocations that were published in the TMDLs. In August 2011, the AVGWLF model algorithm was replaced by GWLF-E, which provides additional capabilities not included in the older program. Of note, the enhanced GWLF-E model more effectively simulates waste load generation from streambank erosion. Also to note, version 1.5.0 incorporates methodology recommended by the Chesapeake Bay Expert Panel Report for determining variable wasteload reduction rates. This methodology was used to determine BMP reduction percentages described within this plan.

Baseline sediment loads were recalculated for the entire Skippack watershed. Dr. Evans supported in the modeling effort, providing source data and consultation. Each of the Municipalities' contribution to baseline sediment loading was calculated using MapShed's Urban Area Viewer tool. The results of updated baseline sediment load modeling each of the members of the Alliance are provided in Appendix B. MapShed output documentation for updated baseline sediment load calculations for both the entire watershed and for the group is also included in Appendix B. This documentation includes the breakdown of sediment loads from overland sources and sediment loads from streambank erosion within the overall watershed.

Table 5.3. New Pollutant Loads for Alliance Communities in the Skippack Watershed as calculated in MapShed²

Component/Source	Current Sediment Load (lbs/yr)	Required % of Reduction	Required Reduction (lbs/yr)
Hatfield	1,213,633	18%	218,450
Lower Providence	2,259,855	18%	406,774
Skippack	2,218,150	18%	399,267
Towamencin	5,530,290	18%	995,452
Worcester	3,793,281	18%	682,791
Total	19,243,757	18%	2,702,734

² Summary table reflects newly calculated baseline totals using same landuse information as the original adopted study.

5.3.2 Parsing & Final Determination of Wasteload Reduction Figures

Per guidance provided by EPA and PADEP, it was noted in the original TMDL report that "MS4s will be responsible for evaluating and mapping out areas that are draining to or discharging to storm sewers."

From “SKIPPACK CREEK WATERSHED TMDL” (EPA, 2005)

“At this time, EPA cannot determine what portion of the municipalities are designated/used for collection or conveying stormwater, as opposed to portions that are truly nonpoint sources. As part of the Phase II stormwater permit process, MSAs will be responsible for evaluating and mapping out areas that are draining to or discharging to storm sewers. Since these systems have not yet been delineated, the TMDL lumps nonpoint source loadings into the WLA portion of the TMDL. Once these delineations are available, the nonpoint source loadings can then be separated out of the WLAs and moved under the LA. Until that time, the WLAs have been broken down by land uses.”

From “NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) INDIVIDUAL PERMIT TO DISCHARGE STORMWATER FROM SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s) TMDL PLAN INSTRUCTIONS” 3800-PM-BCW0200d Rev. 3/2017:

“parsing may also be undertaken where a TMDL utilized the entire land area of a municipality instead of the storm sewershed of outfalls discharging to TMDL waters (TMDL Planning Area). In such cases the MS4 is not required to take responsibilities for pollutant loads generated outside of the TMDL Planning Area and may therefore parse out that area.”

Over the course of 2019, delineation of drainage areas which were tributary to municipally owned sewer systems was carefully conducted. This process was performed under extensive coordination and supervision by PADEP to assure that any areas parsed from study area was done so pursuant to guidance provided under PADEP’s TMDL Plan Instructions, last revision 2017. Detailed mapping of regulated sewersheds for the multi-municipal permit group can be found in Appendix E. A summary of the subsequent reductions evaluated in MapShed from parsing is below in Table 5.4.

Table 5.4. New Pollutant Loads for Alliance Communities In the Skippack Watershed After Parsing³

Component/Source	Current Sediment Load (lbs/yr)	Required % of Reduction	Required Reduction (lbs/yr)
Hatfield	479,986	18%	86,398
Lower Providence	1,414,072	18%	254,533
Skippack	1,660,750	18%	298,935
Towamencin	3,574,083	18%	643,335
Worcester	2,107,028	18%	379,265
Total	9,235,919	18%	1,662,465

³ Summary table reflects newly calculated baseline totals using same landuse information as adopted study and restricted to the regulated sewersheds (planning areas) of the Skippack Creek Watershed Alliance permit group.

SECTION 6 | ANALYSIS OF TMDL PLAN OBJECTIVES

A Total Maximum Daily Load (TMDL) for the Skippack Creek was established and accepted by PADEP and EPA in April 8, 2005. The establishment of a TMDL resulted from the Skippack creek being listed as not meeting minimum water quality standards based on impairment by sediment contribution to (and within) the waterway. In the TMDL report, thresholds were established which notates the maximum amount of sediment the watercourse can naturally attenuate. These limits are known formally as, wasteload allocations (WLAs). These WLAs also represent the maximum amount of sediment the permittees³ is allowed to discharge from their municipal separate storm sewer systems (MS4s.)

In the previous section, this was discussed in terms of required reductions prescribed by the 2005 TMDL Report, recalculation of the TMDL, and in terms of the assignment of the portion of the overall TMDL which this group is responsible for, known as its planning area.

This section discusses the background of the TMDL study and highlights the planning tools and methodology used to identify potential projects which were evaluated and ultimately prioritized in this restoration plan.

6.1 | Background of the Skippack Creek Watershed TMDL

The required reduction of 18% was determined by a reference watershed study. A reference watershed study compares two watersheds with similar characteristics including area, land use distribution, underlying geology, and soils. One, representing what can be characterized as a more ideal watershed, with minimal impairments, which is used to understand and predict the exceedance of wasteload beyond what would meet EPA clean water standards in the subject watershed. Using AVGWL, a calculation using a Generalized Watershed Loading Function (GWL) was used to determine the amount of sediment generated from the watershed using similar inputs as the original model used to establish the TMDL for Skippack which was the program (Arc View Generalized Watershed Loading Function or AVGWL). A process that compared the sediment loads from each watershed, from those calculations conducted for the 2005 TMDL report, it was determined that a reduction of 18% to the current load from the impaired watershed was required to mitigate the impairment. Then, an Equal Percent Marginal Reduction (EPMR) was applied to each pollutant source to provide reductions from each landuse in the impaired watershed that would equate to the ultimate reduction of 18% watershed wide. Finally, the wasteloads were allocated to each municipality based on the area of each landuse within their municipal boundary.

In 2014, based on input from PADEP, it was suggested that while the overall reduction percentage that was calculated in the original reference watershed study described above, that the watershed be restudied using a newer version of the AVGWL program (MapShed). For the purposes of complying with current permitting requirements, in 2015 it was decided that baseline loading would be recalculated using MapShed.

6.2 | Analysis of Potential Impairment Sources

Having employed Map3hed as a recommended modeling tool by PADEP, as both an analysis tool for recalculating of pollution reduction targets and assessment of potential reduction from BMPs; a pre-assessment of areas within the watershed was conducted to determine which areas have been most impacted from urbanization. In addition, an analysis in GIS was conducted to assess two circumstances. One, the density of impervious area within the Skippack, by Sub-Shed and two, the degree of which development has directly impacted and encroached upon the natural floodplains of the Skippack.

This analytical method was originally proposed in the paper *Using GIS for Prioritization in Subwatershed Restoration* by Horvath & Bishop of Pennsylvania State University. This analysis provided a means of leveraging GIS data to assess areas most likely to be impaired from past development activity and along with land ownership rights and cost, was used as a factor in determining which projects and regions within the watershed would be prioritized for restoration planning. 1 meter resolution landcover data from Pennsylvania Spatial Data Access (PASDA) was used as source data this analysis and data was discretized based on sub-sheds within the Skippack. Sub-sheds identified has having greater impervious areas were given greater priority for future project planning.

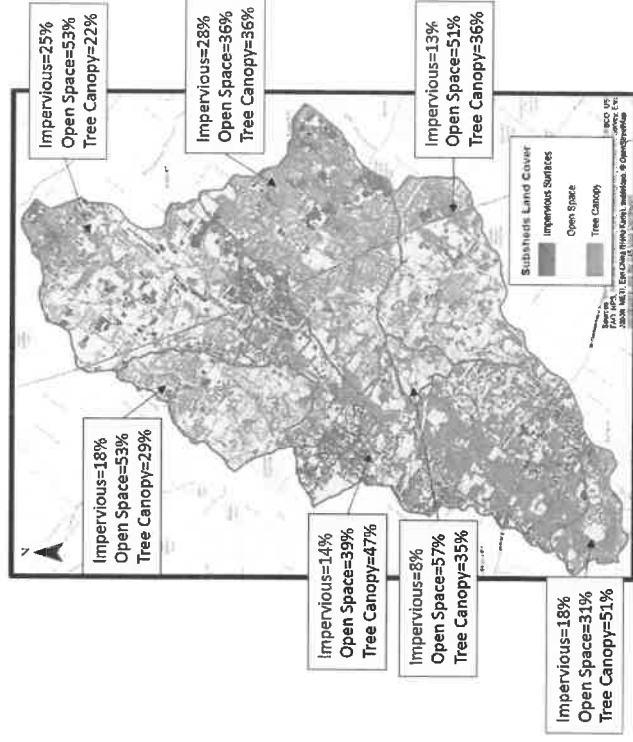


Figure 6.1: Impervious Area by Sub-Shed Analysis

Based on procedures derived from this paper, it was determined that a more ideal circumstance for the stream corridor would be to have a wooded or vegetated condition. For this evaluation, 1M resolution land cover data was again used and applied to effective FEMA floodplain regions throughout the Skippack. For tributaries which did not have a FEMA floodplain, a 100' buffer was applied. Once the region was defined percentages for land cover types were calculated for each sub-basin as a means of evaluating which stream corridors may likely have been most impacted from past development.

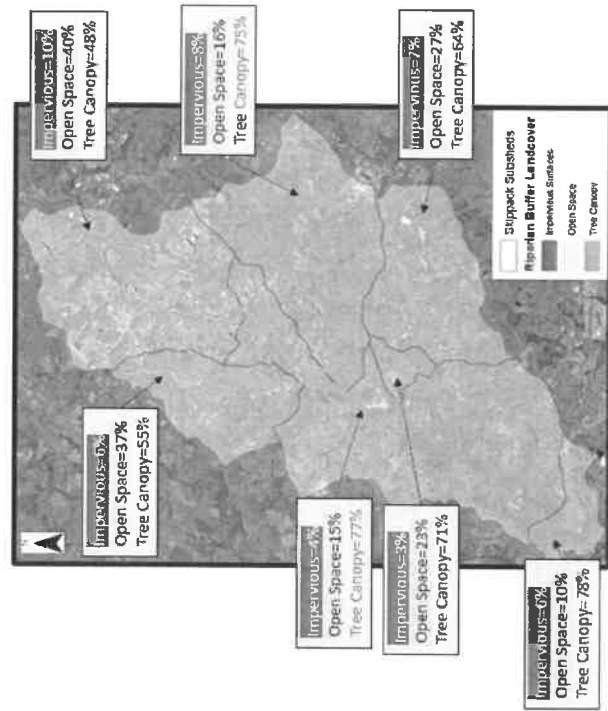


Figure 6.2: Estimated Impacts to the Stream Corridor within the Skippack Creek Watershed

6.3 | Long-Term Reductions

PA DEP Requirement: the MSA must present, at a minimum, a conceptual plan for how the WLA(s) will be achieved, long-term

As noted, during the initial phase of planning, 27 individual projects were considered and evaluated. Cumulatively, the estimated sediment reduction value of these projects would be far greater than the 18% reduction required by the permit. The approach taken by the permit group was to evaluate within GWLF-E, all of the potential restoration BMP projects that were possible and prioritize them based on a variety of factors including cost per unit treatment, likelihood for timely execution, land rights, cost of maintenance, and others. This shortlist became the list of projects which were forwarded for execution in the next permit term and are discussed in Section 6.4.

6.4 | Short-Term Reductions

Pursuant to 2.F.2 of the PA DEP TMDL Plan Instructions the Alliance is electing to meet a short-term goal of 10% for sediment wasteload reduction as this is a more feasible option in terms of acquiring land access permissions and permitting necessary for the work.

Table 6.1: Short-Term Pollution Reduction Goals (10% Reduction)⁴

Component/Source	Current Sediment Load (lbs/yr)	Required % of Reduction	Required Reduction (lbs/yr)
Hatfield	479,986	10%	47,999
Lower Providence	1,414,072	10%	141,407
Skippack	1,660,750	10%	166,075
Towamencin	3,574,083	10%	357,408
Worcester	2,107,028	10%	210,703
Total	9,235,919	10%	923,592

⁴ Summary table reflects newly calculated baseline totals summarized in Table 4 with a short-term goal of meeting a 10% reduction to sediment loads by the end of the next permit period (2026).

6.3.1 Method of Pollution Control

Since the US EPA's approval of the Skippack's TMDL, the Alliance has implemented several sediment reduction control measures throughout watershed and are planning many others to be implemented over the next and subsequent permit periods. These control measures consist of BMPs which infiltrate, filter, and that detain stormwater runoff, which reduces streambank erosion and resulting sediment and phosphorus transport.

In addition to restoration BMPs the Skippack Creek Watershed Alliance have also adopted MSA ordinances language provided by the Montgomery County Planning Commission directed at addressing common point source pollutant activities. This language has been incorporated individually in the member municipalities' current Subdivision and Land Development Ordinances or Stormwater Management Ordinances which can be found on the website links below.

Link to MSA Ordinances by Township:

Hatfield Township: <https://www.ecode360.com/10504020>

Lower Providence: <https://www.ecode360.com/32932560>

Skippack Township: <https://ecode360.com/6992071>

Towamencin Township: <https://www.ecode360.com/143335850>

Worcester Township: <https://ecode360.com/33953391>

6.3.2 Future Planned Control Measures (Short-Term)

Since the US EPA's approval of the Skippack's TMDL, the Alliance has planned a number of sediment reduction control measures throughout watershed. In addition to restoration activities within the creek, these control measures also consist of BMPs that infiltrate, filter, and detain stormwater runoff, which reduces streambank erosion and the resulting transport of sediments.

For the next permit term, a combination of restoration BMPs are proposed. Including:

- Bioretention
- Regional Water Quality Basins
- Basin Retrofits
- Riparian Buffers
- Agricultural Land Retirement
- Floodplain Restoration
- Streambank Stabilization

The strategy provides a balanced approach with addressing source control issues as is the case with selecting program areas for large regional water quality basins, bioretention and reestablishment of riparian buffers, as well as directly addressing damage to the ecological system through restoration of heavily scoured riverine areas through streambank restoration and floodplain enhancement projects. Utilizing a cross-section of recommended BMPs will allow the Alliance to monitor the effectiveness of various types of BMPs to help evaluate, for subsequent permit periods, which restoration techniques should be prioritized in the future. As discussed, this section describes prescribed steps required to achieve a short-term goal of 10% reduction of the sediment load, through modeling, with a 5% phosphorus reduction being presumed through sediment reduction.

Summary of Projects Proposed in First Permit Period and Estimated Benefits of Execution:

- 22.8 Acre feet of volume storage (Regional WQ Basins, basin expansions & Bioretention)
- 5,240 LF of Stream Bank Repair
- 2 Floodplain Restoration Projects
- Riparian Buffer Restoration
- Estimated Annual Reduction of 935,600 lbs/yr of Sediment Load
- Estimated Annual Reduction of 560.1 lbs/yr of Phosphorous Load
- Program Budget for first permit term: \$3.83M

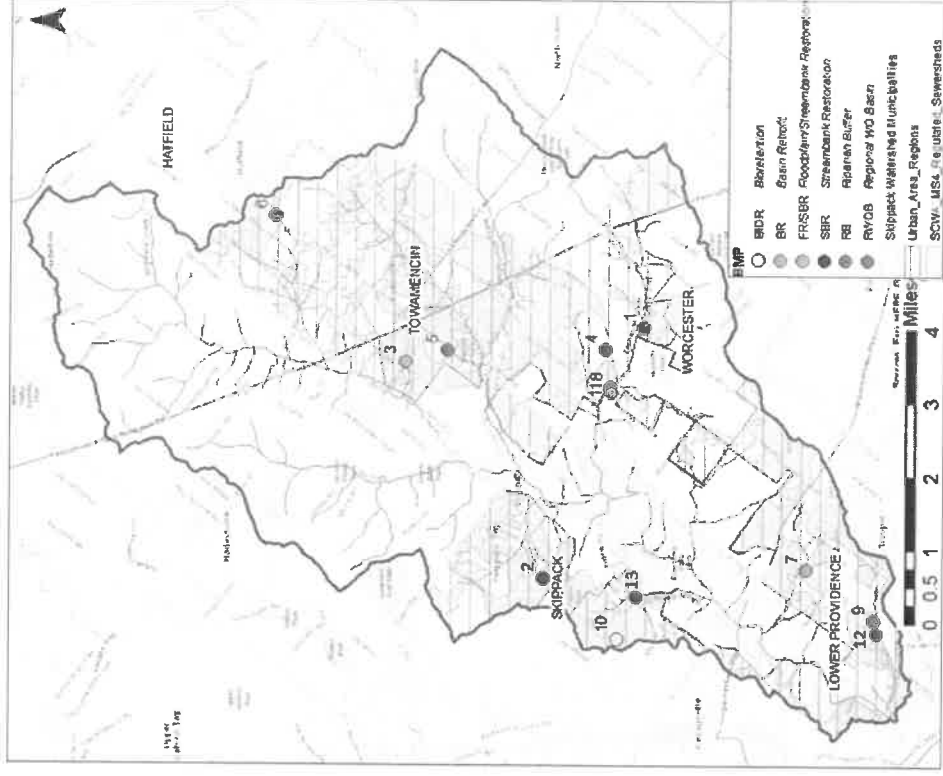


Figure 6.3: Location Map of Proposed BMP Projects (Short-Term)

Table 6.2: Proposed (Short-Term) Restoration Best Management Practices

Project No.	Project Description (PROPOSED PROJECTS)	Lbs./Yr. (Reduction)
1	Worcester Basin Retrofit	50,000.00
2	Cholet Farms Stream Restoration Project	64,975.00
3	Towamencin Floodplain Restoration	131,975.00
4	Worcester Twp Stream Restoration Program Phase I	124,775.00
5	Nash Elementary Regional Water Quality Basin	95,400.00
6	Pennfield Middle School Regional Water Quality Basin	33,800.00
7	Lower Providence Property Basin Retrofit	18,800.00
8	Worcester Township Riparian Buffer	16,400.00
9	Eagleville Correctional Regional Water Quality Basin	32,600.00
10	Perkiomen Valley Airport Bioswales (Private)	14,400.00
11	Worcester Twp Stream Restoration Program Phase II	283,475.00
12	Visitation Road Stream Restoration Project	23,000.00
13	Shady Brook Run Stream Restoration Project	46,000.00
Total Reduction from Proposed Projects (Primary)		935,600.00

Table 6.3: Summary of Completed and Proposed Projects

Summary	Reduction
COMBINED SED. LOAD GENERATED BY ALL MEMBER MUNICIPALITIES (lb/yr)	9,235,919
10% OF COMBINED SED. LOAD [ALL MUNICIPALITIES (LB/YR)]	923,592.00
TOTAL REDUCTION FROM NEW PROJECTS (lbs/yr)	935,600.00
Total Estimated Reduction by Completed & Proposed Projects (Short-Term)	10.13%

6.5 | Adaptive Management

Overall, the scale of these programs are quite large and will take time for benefits to be realized. No one can predict with any certainty what partnerships and cooperatives will or will not form to meet these objectives. The goal of this document is to predict the most feasible path forward with complying with EPA clean water goals. The emphasis here is that this document represents a prediction of one possible route to accomplish these goals. The hallmark of any good program is its capability to be dynamic, and adaptive enough to consider new partnerships, data, funding opportunities, technologies, and methodologies. In execution of this program, it should be noted that while this plan provides a clear path to compliance, future circumstances may necessitate some variance in initial decisions made in route to meeting these objectives. As deviations are made, it will be noted during MSA annual reporting and updated in the current plan. During the initial phase of planning, 27 individual projects were considered and evaluated. In the event that any of the projects noted in Section 6.3.2 may not be able to be executed in the next permit period, a listing of potential alternative projects identified in Figure 6.5 and Table 6.4. can be executed during this permit period either in lieu of a primary project or as a supplement or as a supplement to currently planned projects.

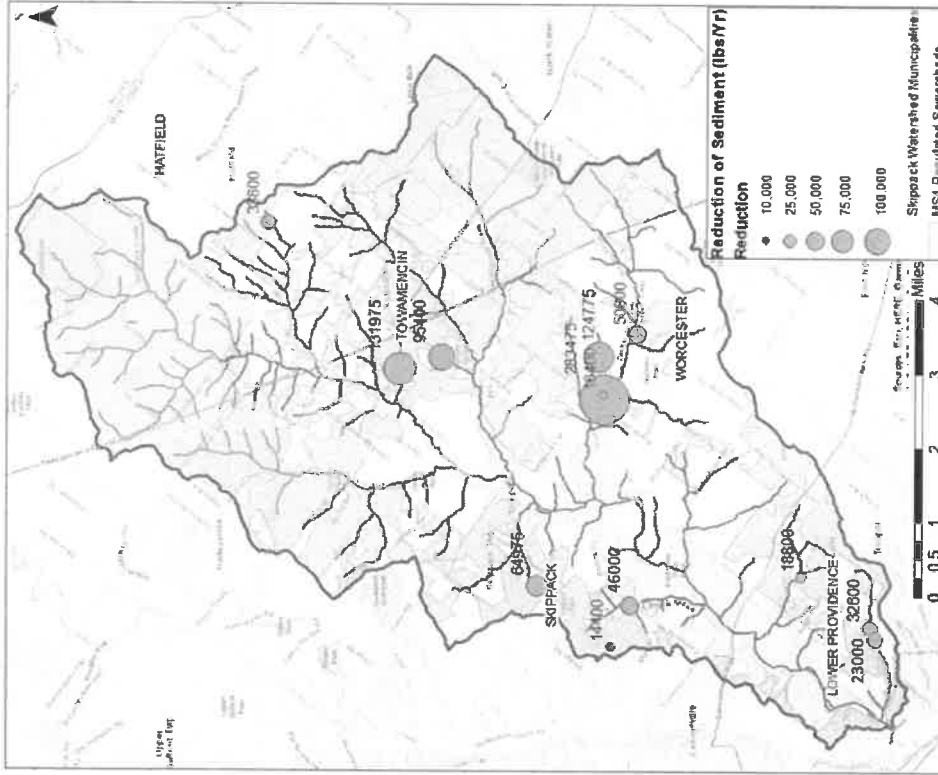


Figure 6.4: Estimate Sediment Reduction Potential by Project Location (Short-Term)

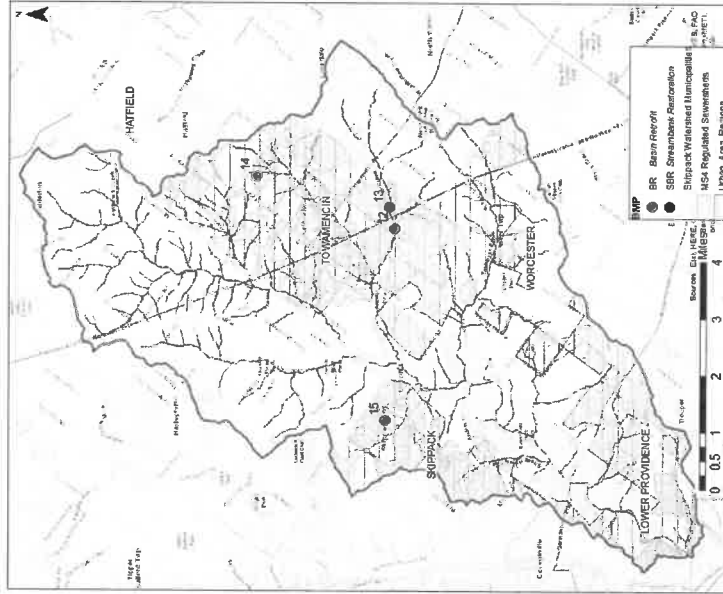


Figure 6.5: Location Map of Alternate BMP Projects (Short-Term)

Table 6.4: Proposed Alternate Best Management Practices Projects

Project No.	Project Description (PROPOSED PROJECTS)	Lbs./Yr. (Reduction)
12	Kriebel Road Stream Restoration Area	330,855.00
13	Anders Road (Downstream of PA Turpike) Stream Bank Restoration	211,600.00
14	Grist Mill Park Basin Retrofit	8,400.00
15	Skippack Township Recreation Area Basin Retrofits	38,200.00
Total Reduction from Alternate Projects		589,055.00

Table 6.6 provides a summary of both primary and alternate projects. Overall, it is estimated that executing all of these projects would result in a reduction of sediment load of over 16%, which is greater than the 10% required during the next permit period.

Table 6.5: Estimated Reduction Value Summary of Past, Proposed & Alternative Projects

Summary	Reduction
COMBINED SED. LOAD GENERATED BY ALL MEMBER MUNICIPALITIES (lb/yr)	9,235,919
10% OF COMBINED SED. LOAD [ALL MUNICIPALITIES (LB/YR)]	923,592.00
TOTAL REDUCTION FROM ERA 3 (NEW) PROJECTS (lbs/yr)	933,600.00
TOTAL REDUCTION FROM ALTERNATE PROJECTS (lbs/yr)	589,055.00
Estimated Reduction Value of all Planned Projects Listed (Must be > 10%)	16.51%

The Skippack Creek Watershed Alliance through continued stakeholder engagement, public outreach and education campaign will continue to look for projects and programs which will provide exceptional value to the region in terms of pollutant reduction, consensus building, and bolstering of resource capacity within the watershed. The minimum control measure plan and this Strategy describe how the Alliance has and continues to continue to foster education campaigns and public outreach with specific performance goals and deadlines. It is understood that this plan is a living document that will allow for flexibility in its execution. The projects outlined in this document represent one potential path to compliance. However, as new opportunities arise, other projects may be forwarded for execution in the future.

SECTION 7 | FUNDING MECHANISMS

PA DEP Requirement:

“Applicants must identify all project sponsors and partners and probable funding sources for each BMP.”

The proposed BMPs will be funded through an agreement between participating MS4 municipalities. The group will also seek out grant and financing opportunities.

The following is a list of current funding sources for the types of BMPs currently proposed:

Pennsylvania Infrastructure Investment Authority (PENNVEST) and Pennsylvania Department of Environmental Protection | Green Initiatives

PENNVEST actively funds green initiatives that promote and encourage environmental responsibility and enhance water quality. Solutions include riparian buffers, rain gardens, and floodplain and wetland restorations.

URL: <http://www.pennvest.pa.gov/Information/Funding/Programs/Pages/default.aspx>

Contact: Brian Johnson | bjohnson@pa.gov | 717-783-6798 or Steven Anspach | sanspach@pa.gov | 717-783-6589

Department of Community & Economic Development | Commonwealth Financing Authority (CFA)

The DCED-CFA was established as an independent agency of the Commonwealth to administer Pennsylvania’s economic stimulus packages. DCED-CFA holds fiduciary responsibility over a variety of funding sources some of which provide funding for stormwater and stormwater-related projects, including:

- Watershed Restoration and Protection Program (riparian buffers, stream restorations, water quality basins, floodplain restoration)
- Greenways, Trails and Recreation Program (installation of green infrastructure at parks)
- Local Share Account programs

URL: <http://dced.pa.gov/programs-funding/>

Contact: <http://dced.pa.gov/download/regional-contact-information?view=dmid=61870>

Department of Conservation and Natural Resources | Community Conservation Partnerships Program (C2P2)

DCNR grants can be used for green/sustainable park, riparian buffers, and implementing recommendations of Rivers Conservation Plans.

URL: <http://www.dcnr.state.pa.us/brc/grants/>

Contact: <http://www.dcnr.state.pa.us/brc/aboutus/index.htm?tab=RegionalOffices#RegionalOffices>

Department of Environmental Protection | Growing Greener Watershed Protection Grants

Funding for protection and restoration of Pennsylvania’s water resources, including stream restorations and installation of stormwater BMPs in urban areas.

URL: <http://www.depa.pa.gov/Citizens/GrantsLoansRebates/GrowingGreener/Pages/default.aspx>

Contact: DEP Grants Center | GrowingGreener@pa.gov | 717-705-5400

Department of Transportation | Transportation Alternatives – Set Aside Grants

Funding for stormwater projects that decrease the negative impact of stormwater runoff from roads, including detention and sediment basins and stream channel stabilization.

URL: <http://sportal.dot.pa.gov/Planning/AnnRep/TAP/Pages/default.aspx>

Contact: Chris Metka | CMetka@pa.gov | 717-787-8065

SECTION 8 | OPERATIONS & MAINTENANCE

With the exception of riparian buffer work which may be contracted to the Perkiomen Watershed Conservancy, all BMPs proposed in this plan will be the responsibility of the permittee (Skippack Creek Alliance).

Surface Infiltration (Bioretention) Basin

The following represents the recommended maintenance for surface infiltration (bioretention) basins:

- Catch Basins and inlets (upgradient of infiltration basin) should be inspected and cleaned at least 2 times per year and after runoff events.
- The vegetation along the surface of the infiltration basin should be maintained in good condition any bare spots revegetated as soon as possible.
- Vehicles should not be parked or driven on an Infiltration Basin and care should be taken to avoid excessive compaction by mowers.
- Inspect the basin after runoff events and make sure that runoff drains down within 72 hours.
- Mosquitoes should not be a problem if the water drains in 72 hours. Mosquitoes require a considerably long breeding period with relatively static water levels.
- Inspect for accumulation of sediment, damage to outlet control structures, erosion control measures, signs of water contamination/spills, and slope stability in the berms.
- Mow only as appropriate for vegetative cover species.
- Remove accumulated sediment from basin as required. Restore original cross section and infiltration rate. Properly dispose of sediment.

Extended Detention Basins (Regional Water Quality Basins)

Maintenance is necessary to ensure proper functionality of the extended detention basin (Regional Water Quality Basins) and should take place on a quarterly basis. A basin maintenance plan should be developed which includes the following measures:

- All basin structures expected to receive and/or trap debris and sediment should be inspected for clogging and excessive debris and sediment accumulation at least four times per year, as well as after every storm greater than 1. inch.
- Structures include basin bottoms, trash racks, outlets structures, riprap or gabion structures, and inlets.
- Sediment removal should be conducted when the basin is completely dry. Sediment should be disposed of properly and once sediment is removed, disturbed areas need to be immediately stabilized and revegetated.
- Mowing and/or trimming of vegetation should be performed as necessary to sustain the system, but all detritus should be removed from the basin.
- Vegetated areas should be inspected annually for erosion.

- Vegetated areas should be inspected annually for unwanted growth of exotic/invasive species.
- Vegetative cover should be maintained at a minimum of 95 percent. If vegetative cover has been reduced by 10%, vegetation should be reestablished.

Wet Ponds/Basins (Regional Water Quality Basins or Basin Retrofits)

The following represents the recommended maintenance for wet basins:

- During the first growing season or until established, vegetation should be inspected every 2 to 3 weeks.
- Wet Ponds/Basins should be inspected at least 4 times per year and after major storms (greater than 2 inches in 24 hours) or rapid ice breakup. Inspections should access the vegetation, erosion, flow channelization, bank stability, inlet/outlet conditions, embankment, and sediment/debris accumulation.
- The pond drain should be inspected and tested 4 times per year. Problems should be corrected as soon as possible.
- Wet Pond and buffer vegetation may need support (watering, weeding, mulching, replanting, etc.) during the first 3 years. Undesirable species should be carefully removed and desirable replacements planted if necessary.
- Once established, properly designed, and installed Wet Ponds should require little maintenance.
- Vegetation should maintain at least an 85 percent cover of the emergent vegetation zone and buffer area.
- Annual harvesting of vegetation may increase the nutrient removal of Wet Ponds; if performed, it should generally be done in the summer so that there is adequate regrowth before winter. Care should be taken to minimize disturbance, especially of bottom sediments, during harvesting. The potential disturbance from harvesting may outweigh its benefits unless the WP receives a particularly high nutrient load or discharges to a nutrient sensitive waterbody.
- Sediment should be removed from the forebay before it occupies 50 percent of the forebay, typically every 5 to 10 years.

Stream Bank & Floodplain Restoration

The following represents the recommended maintenance for Stream Bank Repair & Floodplain Restoration Projects:

- For the first year, stream restoration areas are to be inspected after each significant rain event for the first two (2) years, and after the first two years, inspected quarterly.
- Planned vegetation meant to establish stability through root structure should be monitored and replaced if displaced, dead or dying.
- Accumulated debris from storms should be picked up and disposed of.
- Any areas exhibiting scour should be mended or repaired using PA DEP approved means. Hard armoring is not allowed.

- Plants established in any floodplain restoration activity should be replaced and reestablished if dislodged or dead.

Riparian Buffer Restoration

The following represents the recommended maintenance for Riparian Buffer Restoration activities:

- For years one through two:
 - Stream restoration areas are to be inspected after each significant rain event.
 - Invasive species are to be removed or treated on a quarterly basis.
 - Trees/shrubs are to be pruned, re-staked and re-tubed as needed.
 - Dislodged or dead trees/shrubs are to be replaced annually.
- For years three through five:
 - Stream restoration areas are to be inspected on a quarterly basis.
 - Invasive species are to be removed or treated on an annual basis.
 - Trees/shrubs are to be pruned, re-staked and re-tubed as needed.
 - Dislodged or dead trees/shrubs are to be replaced annually.

SECTION 9 | REFERENCES

- US Environmental Protection Agency (USEPA). October 2003. *Nutrient and Siltation TMDL Development for Wissahickon Creek, Pennsylvania.*
- US Environmental Protection Agency (USEPA). October 2005. *Total Maximum Daily Load for Skippack Creek, Montgomery County, Pennsylvania.*
- Pennsylvania Department of Environmental Protection (PADEP). March 2017. *TMDL Plan Instructions.*
- Pennsylvania Department of Environmental Protection (PADEP). March 2017. *Pollution Reduction Plan Instructions.*
- Pennsylvania Department of Environmental Protection (PADEP). March 2006. *Best Management Practices Manual.*
- "Using GIS for Prioritization in Subwatershed Restoration", Horvath, November 28, 2011. Pennsylvania State University
- Chesapeake Bay Program. January 2015. *Recommendations of the Expert Panel to Define Removal Rates for New State Stormwater Performance Standards*
- Skippack Green Space Alliance. 2007. *Skippack and Perkiomen Creeks – Overview.*
<http://www.greenspacealliance.org/home/rfp.asp?modID=17>



4259 W. Swamp Road
Suite 410
Doylestown, PA 18902

www.cksenengineers.com
215 3400600

May 12, 2022
Ref: # 7200-208

Township of Worcester
PO Box 767
Worcester, PA 19490-0767

Attention: Tommy Ryan, Township Manager

Reference: 2022 Roadway Improvement Program – Bid Results

Dear Mr. Ryan:

Bids were opened on May 11, 2022 for the 2022 Roadway Improvement Program for Worcester Township. A total of four (4) bids were submitted for this contract. The low bid was submitted by Glasgow, Inc. of Glenside, Pennsylvania, and their base bid was \$929,803.90.

In addition to the base bid, there are also three (3) alternate/add-on items included in the contract. The Township can consider awarding the base bid plus either Alternate 1, 2, and 3 or a combination of any of the alternates. For reference, if the Township were to award the base bid and all three (3) Alternate bid items, the total cost would be \$1,120,560.80.

We have reviewed the documents submitted by Glasgow Inc. with their bid and find them to be in order. We have also worked with this contractor on numerous road programs in the past and find Glasgow Inc., qualified to perform this work.

By this letter, we are recommending that Township consider awarding the Base Bid to Glasgow Inc., for \$929,803.90, plus any alternate or combination of alternates that the Township may wish to award pending review of the budget for this work and the availability of funds.

Please note that this project does qualify for the use of PennDOT Liquid Fuel Funds and the Township will make the appropriate application to utilize these funds. Attached to this letter is summary of bids and bid tabulation of bids received. Please contact me if you have any questions or need any additional information on this contract.

Very truly yours,
CKS ENGINEERS, INC.
Township Engineers


Joseph J. Nolan, P.E.

JJN/paf
Enclosure

cc: James F. Weiss, CKS Engineers, Inc.
JJ Kelso, CKS Engineers, Inc.
File

Municipal Engineering · Storm Water Management · Water & Wastewater Engineering
Environmental Engineering · Geographic Information Systems (GIS) · Construction Management

agenda item (c)

WORCESTER TOWNSHIP, MONTGOMERY COUNTY

2022 ROADWAY IMPROVEMENT PROGRAM

BID SUMMARY

BID DATE: MAY 11, 2022

CONTRACTOR	BASE BID	BASE BID + ADD/ALTERNATE NO. 1	BASE BID + ADD/ALTERNATE NO. 2	BASE BID + ADD/ALTERNATE NO. 3	BASE BID + ADD/ALTERNATE NO. 1 + ADD/ALTERNATE NO. 2	BASE BID + ADD/ALTERNATE NO. 1 + ADD/ALTERNATE NO. 3	BASE BID + ADD/ALTERNATE NO. 2 + ADD/ALTERNATE NO. 3	BASE BID + ADD/ALTERNATE NO. 1 + ADD/ALTERNATE NO. 2 + ADD/ALTERNATE NO. 3
1 Glasgow, Inc. 104 Willow Grove Ave. Glenside, PA 19038	\$929,803.90	\$990,758.60	\$1,030,670.80	\$956,739.20	\$1,091,625.50	\$1,019,693.90	\$1,069,606.10	\$1,120,560.80
2 James D. Morrissey, Inc. 9119 Frankford Avenue Philadelphia, PA 19114	\$939,577.00	\$1,007,931.00	\$1,064,369.00	\$974,953.00	\$1,132,723.00	\$1,043,307.00	\$1,099,745.00	\$1,168,099.00
3 Mecco Constructors Inc. 684 Dunksfery Road Bensalem, PA 19020	\$966,750.00	\$1,030,700.00	\$1,098,487.00	\$988,838.00	\$1,162,437.00	\$1,052,788.00	\$1,120,575.00	\$1,184,525.00
4 Allen Myers 1805 Berks Road Worcester, PA 19490	\$1,709,113.10	\$1,821,689.50	\$1,960,863.90	\$1,748,872.80	\$2,073,440.30	\$1,861,449.20	\$2,000,623.60	\$2,113,200.00

WORCESTER TOWNSHIP, MONTGOMERY COUNTY

2022 ROADWAY IMPROVEMENT PROGRAM

BID TABULATION

No.	Description	Unit Of Measure	Quantity	(1)		(2)		(3)		(4)	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
BASE BID											
1	Standard Concrete Curb Replacements	LF	99	\$123.75	\$12,251.25	\$104.00	\$10,296.00	\$215.00	\$21,285.00	\$232.00	\$22,968.00
2	Concrete Driveway Depression Replacements	LF	73	\$130.90	\$9,565.70	\$124.00	\$9,052.00	\$219.00	\$15,987.00	\$291.00	\$21,243.00
3	Rolled Concrete Curb Replacements	LF	11	\$335.25	\$3,687.75	\$220.00	\$2,420.00	\$233.00	\$2,563.00	\$291.00	\$3,201.00
4	4" Type C Inlet Top Replacements	EA	2	\$2,800.00	\$5,600.00	\$2,200.00	\$4,400.00	\$2,456.00	\$4,912.00	\$6,200.00	\$12,400.00
5	Sanitary Manhole Grade Adjustment	EA	41	\$1,245.00	\$51,045.00	\$1,200.00	\$49,200.00	\$1,435.00	\$58,835.00	\$2,420.00	\$99,220.00
6	Pavement Repair -- Type I 3" 19 mm Binder	SY	1843	\$62.45	\$115,095.35	\$26.00	\$47,918.00	\$23.00	\$42,389.00	\$26.50	\$48,839.50
7	Mill Curbs/Intersections/Driveways (5' Wide)	LF	7227	\$6.75	\$48,782.25	\$4.00	\$28,908.00	\$4.00	\$28,908.00	\$7.80	\$56,370.60
8	Levelling/Scratch Course	TON	676	\$111.15	\$75,137.40	\$108.00	\$73,008.00	\$114.00	\$77,064.00	\$216.00	\$146,016.00
9	Wearing Course	TON	4175	\$101.15	\$422,301.25	\$108.00	\$450,900.00	\$116.00	\$484,300.00	\$217.00	\$905,975.00
10	Misc. Excavation Below Subgrade	CY	10	\$119.40	\$1,194.00	\$100.00	\$1,000.00	\$239.00	\$2,390.00	\$314.00	\$3,140.00
11	Mill Curbs/Intersections/Driveways (5' Wide)	LF	50	\$20.60	\$1,030.00	\$25.00	\$1,250.00	\$36.00	\$1,800.00	\$7.80	\$390.00
12	Levelling/Scratch Course -- Parking Area	TON	45	\$101.65	\$4,574.25	\$120.00	\$5,400.00	\$129.00	\$5,805.00	\$216.00	\$9,720.00
13	Wearing Course -- Parking Area	TON	400	\$103.35	\$41,340.00	\$120.00	\$48,000.00	\$129.00	\$51,600.00	\$217.00	\$86,800.00
14	Traffic Calming Device (with Pavement Markings)	EA	1	\$4,057.00	\$4,057.00	\$6,000.00	\$6,000.00	\$3,932.00	\$3,932.00	\$16,200.00	\$16,200.00
15	Pavement Marking -- Parking Area (Refer to CD-11)	LS	1	\$2,450.00	\$2,450.00	\$1,100.00	\$1,100.00	\$2,513.00	\$2,513.00	\$1,730.00	\$1,730.00
16	Wearing Course -- Trail (1-1/2" 9.5 mm Wearing)	TON	505	\$114.60	\$57,873.00	\$180.00	\$90,900.00	\$145.00	\$73,225.00	\$217.00	\$109,585.00
17	Mill Curbs/Intersections/Driveways (5' wide)	LF	75	\$10.00	\$750.00	\$25.00	\$1,875.00	\$36.00	\$2,700.00	\$7.80	\$585.00
18	Base Course Parking Area (2' 18 mm Binder)	TON	325	\$98.75	\$32,093.75	\$130.00	\$42,250.00	\$108.00	\$35,100.00	\$230.00	\$74,750.00
19	Wearing Course -- Parking Area (1-1/2" 9.5 mm)	TON	240	\$95.30	\$22,872.00	\$150.00	\$36,000.00	\$130.00	\$31,200.00	\$217.00	\$52,080.00
20	Traffic Calming Device with Pavement Markings	EA	1	\$4,057.00	\$4,057.00	\$6,000.00	\$6,000.00	\$3,932.00	\$3,932.00	\$16,200.00	\$16,200.00
21	Pavement Markings (Refer to CD-10)	LS	1	\$1,077.45	\$1,077.45	\$1,200.00	\$1,200.00	\$1,070.00	\$1,070.00	\$2,170.00	\$2,170.00
22	Trail Paving (1-1/2" 9.5 mm Wearing)	TON	75	\$138.70	\$10,402.50	\$250.00	\$18,750.00	\$183.00	\$13,725.00	\$217.00	\$16,275.00
23	Paved Trail (1-1/2" 9.5 mm Wearing)	TON	15	\$171.80	\$2,577.00	\$250.00	\$3,750.00	\$134.00	\$2,010.00	\$217.00	\$3,255.00
BASE BID TOTALS				\$929,803.90	\$939,577.00		\$939,577.00		\$966,750.00		\$1,709,113.10
ALTERNATE/ADD-ON NO. 1											
24	Replace 4' Type C Inlet Top	EA	1	\$2,250.00	\$2,250.00	\$2,200.00	\$2,200.00	\$2,416.00	\$2,416.00	\$6,200.00	\$6,200.00
25	Full-Width Mill (1-1/2" Depth)	SY	3856	\$2.95	\$11,375.20	\$4.00	\$15,424.00	\$2.75	\$10,604.00	\$4.40	\$16,986.40
26	Levelling/Scratch Course	TON	60	\$117.70	\$7,062.00	\$123.00	\$7,380.00	\$108.00	\$6,480.00	\$216.00	\$12,960.00
27	Wearing Course	TON	350	\$111.15	\$38,902.50	\$123.00	\$43,050.00	\$123.00	\$43,050.00	\$217.00	\$75,950.00
28	Replace 2' x 10' Stop Bar	EA	1	\$1,365.00	\$1,365.00	\$300.00	\$300.00	\$1,400.00	\$1,400.00	\$500.00	\$500.00
ALTERNATE/ADD-ON NO. 1 TOTAL				\$60,954.70	\$68,354.00		\$68,354.00		\$63,950.00		\$112,576.40

WORCESTER TOWNSHIP, MONTGOMERY COUNTY

2022 ROADWAY IMPROVEMENT PROGRAM

BID TABULATION

No.	Description	Unit Of Measure	Quantity	Glasgow, Inc.		James D. Morrissey, Inc.		Meco Constructors, Inc.		Allan Myers, L.P.	
				Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
ALTERNATE/ADD-ON NO. 2											
29	Concrete Curb Driveway Depression Replacements	LF	25	\$214.50	\$5,362.50	\$200.00	\$5,000.00	\$216.00	\$5,400.00	\$291.00	\$7,275.00
30	Replace 4' Type C Inlet Top	EA	7	\$2,236.00	\$15,652.00	\$2,200.00	\$15,400.00	\$2,415.00	\$16,905.00	\$6,000.00	\$42,000.00
31	Pavement Repair – Type 1 (3" 19 mm Binder)	SY	50	\$53.30	\$2,665.00	\$28.00	\$1,400.00	\$24.00	\$1,200.00	\$56.00	\$2,800.00
32	Curbline/Intersection/Driveway Mill (5" wide)	LF	4298	\$1.30	\$5,587.40	\$4.00	\$17,192.00	\$4.00	\$17,192.00	\$7.10	\$30,515.80
33	Leveling/Scratch Course	TON	100	\$104.00	\$10,400.00	\$110.00	\$11,000.00	\$108.00	\$10,800.00	\$216.00	\$21,600.00
34	Wearing Course	TON	680	\$90.00	\$61,200.00	\$110.00	\$74,800.00	\$118.00	\$80,240.00	\$217.00	\$147,560.00
ALTERNATE/ADD-ON NO. 2 TOTAL					\$100,866.90		\$124,792.00		\$131,737.00		\$251,750.80
ALTERNATE/ADD-ON NO. 3											
35	Curbline/Intersection/Driveway Mill (5' Wide)	LF	407	\$7.90	\$3,215.30	\$18.00	\$7,326.00	\$4.00	\$1,628.00	\$7.10	\$2,889.70
36	Leveling/Scratch Course	TON	20	\$326.00	\$6,520.00	\$165.00	\$3,300.00	\$108.00	\$2,160.00	\$216.00	\$4,320.00
37	Wearing Course	TON	150	\$128.00	\$19,200.00	\$165.00	\$24,750.00	\$122.00	\$18,300.00	\$217.00	\$32,550.00
ALTERNATE/ADD-ON NO. 3 TOTAL					\$28,935.30		\$35,376.00		\$22,088.00		\$39,759.70
AWARD SCENARIOS											
BASE BID					\$929,803.90		\$939,577.00		\$966,750.00		\$1,709,113.10
BASE BID + ALTERNATE/ADD-ON NO. 1					\$990,756.60		\$1,007,931.00		\$1,030,700.00		\$1,821,689.50
BASE BID + ALTERNATE/ADD-ON NO. 2					\$1,030,670.80		\$1,064,369.00		\$1,098,487.00		\$1,960,863.90
BASE BID + ALTERNATE/ADD-ON NO. 3					\$958,739.20		\$974,953.00		\$988,838.00		\$1,748,872.80
BASE BID + ALTERNATE/ADD-ON NO. 1 + ALTERNATE/ADD-ON NO. 2					\$1,091,625.50		\$1,132,723.00		\$1,162,437.00		\$2,073,440.30
BASE BID + ALTERNATE/ADD-ON NO. 1 + ALTERNATE/ADD-ON NO. 3					\$1,019,693.90		\$1,043,307.00		\$1,052,788.00		\$1,861,449.20
BASE BID + ALTERNATE/ADD-ON NO. 2 + ALTERNATE/ADD-ON NO. 3					\$1,059,606.10		\$1,099,745.00		\$1,120,575.00		\$2,000,623.60
ALTERNATE/ADD-ON NO. 1 + ALTERNATE/ADD-ON NO. 2 + ALTERNATE/ADD-ON NO. 3					\$1,120,560.80		\$1,168,099.00		\$1,184,525.00		\$2,113,200.00



4259 W. Swamp Road
Suite 410
Doylestown, PA 18902

www.cksenineers.com
215.340.0600

March 24, 2022
Ref: # 7201-168

Township of Worcester
PO Box 767
Worcester, PA 19490-0767

RECEIVED

MAR 28 2022

RECEIVED

Attention: Tommy Ryan, Township Manager

Reference: 2083 Bustard Road – Sewage Facilities Planning Module

Dear Mr. Ryan:

I am in receipt of a Component 1 Sewage Facilities Planning Module which has been submitted for the construction of a house and installation of an on-lot sewage disposal system at 2083 Bustard Road. This Planning Module was submitted to the Township by VW Consultants, LLC. Via email on March 9, 2022. The Planning Module is required in conjunction with the construction of an on-lot sewage disposal system on the property.

I have reviewed the planning module submitted by the applicant's consultant and find it to be acceptable and complete. In order to submit this module to the Pennsylvania Department of Environmental Protection (PADEP), the Township will need to sign the module in several places.

First, the Completeness Checklist, needs to be signed and dated. Second, Page 4 of the Planning Module requires a signature of the Township Zoning Officer and also the signature of an Authorized official of the Township Planning Commission. Finally, page 5 of the module requires the Township's signature by the Chairperson/Secretary of Governing Body.

Please have the Planning Module executed as referenced above and submit to the applicant's consultant for forwarding to PADEP. Please contact me if you have any questions or need any additional assistance on this module.

Very truly yours,
CKS ENGINEERS, INC.
Township Engineers


Joseph J. Nolan, P.E.

JJN/paf
cc: File

**MONTGOMERY COUNTY
BOARD OF COMMISSIONERS**

VALERIE A. ARKOOSH, MD, MPH, CHAIR
KENNETH E. LAWRENCE, JR., VICE CHAIR
JOSEPH C. GALE, COMMISSIONER



**MONTGOMERY COUNTY DEPARTMENT
OF HEALTH & HUMAN SERVICES**

OFFICE OF PUBLIC HEALTH
PO Box 311 • NORRISTOWN, PA 19404-0311

610-278-5117
FAX: 610-278-5167
WWW.MONTCOPA.ORG/HHS

CHRISTINA N. MILLER, M.S.S.
ADMINISTRATOR

RICHARD S. LORRAINE, MD, FACP
MEDICAL DIRECTOR

March 7, 2022

Worcester Township
Tommy Ryan, Manager
1721 South Valley Forge Road
P.O. Box 767
Worcester PA 19490-

RECEIVED

▶ MAR 18 2022 ◀

RECEIVED

Re: 2083 Bustard Road
Sewage Facilities Planning Module
Worcester Township, Montgomery County, PA

Dear Mr. Ryan:

The Montgomery County Department of Health & Human Services, Office of Public Health (OPH) has reviewed the Sewage Facilities Planning Module for 2083 Bustard Road in Worcester Township. The module was prepared by VW Consultants LLC and a complete copy was received by OPH on February 24, 2022

The Module proposes a new single family residence to be served by an on lot septic system and well water.

OPH has no objections to the proposed Sewage Facilities Planning Module, provided approval for increased flows is granted by the existing collection system.

If you have any further questions, please contact me at (610) 278-5117 extension 4218.

Sincerely,

Vincent Smith
Environmental Health Specialist/SEO
Division of Water Quality Management
vsmith@montcopa.org

Enclosures

xc: Worcester Township
VW Consultants LLC
John Peffer, Field Supervisor
File

OFFICE OF PUBLIC HEALTH LOCATIONS

1430 DEKALB STREET • NORRISTOWN, PA 19404-0311 • PHONE: 610-278-5145 • FAX: 610-278-5166
364 KING STREET • POTTSTOWN, PA 19464 • PHONE: 610-970-5040 • FAX: 610-970-5048
102 YORK ROAD, SUITE 401 • WILLOW GROVE, PA 19090 • PHONE: 215-784-5415 • FAX: 215-784-5524