Mount Olive Township

Introduction

Located in Morris County in New Jersey, Mount Olive Township covers about 31.2 square miles. With a population of 28,886 (2020 United States Census), Mount Olive Township consists of 34.0% of urban land uses by area. Of that urban land use, approximately 22.1% is comprised of low-density residential properties (NJDEP Open Data). In addition to residential development, urban land use also includes land used for commercial, industrial, recreational, and transportation purposes. Natural lands (forests, wetlands, and water) make up approximately 60.0% of Mount Olive Township.

Mount Olive Township contains portions of eleven subwatersheds (Table 1). There are approximately 98.3 miles of rivers and streams within the municipality; these include tributaries to Budd Lake, Drakes Brook and its tributaries, Flanders Brook and its tributaries, Krueger's Brook and its tributaries, Kurtenbachs Brook, Mine Brook and its tributaries, Morris Canal, the Musconetcong River and its tributaries, South Branch Raritan River and its tributaries, Sun Valley Brook and its tributaries, Turkey Brook and its tributaries, Wills Brook and its tributaries, and several uncoded tributaries. Mount Olive Township is within the New Jersey Department of Environmental Protection (NJDEP) Watershed Management Areas (WMA) 1 (Upper Delaware) and 8 (North and South Branch Raritan).

Table 1: Subwatersheds of Mount Olive Township

Subwatershed	HUC14
Drakes Brook (above Eyland Avenue)	02030105010010
Drakes Brook (below Eyland Avenue)	02030105010020
Raritan River South Branch (above Route 46)	02030105010030
Raritan River South Branch (74d 44m 15s to Route 46)	02030105010040
Raritan River South Branch (Long Valley bridge to 74d44m15s)	02030105010050
Musconetcong River (Wills Brook to Lake Hopatcong)	02040105150030
Musconetcong River (above Waterloo)	02040105150070
Musconetcong River (Saxton Falls to Waterloo)	02040105150080
Mine Brook (Morris County)	02040105150090

Musconetcong River (Trout Brook to Saxton Falls)	02040105150100
Musconetcong River (Waterloo)	02040105150110

The purpose of this report is to provide a comprehensive understanding of key, defining features within the subwatersheds throughout Mount Olive Township. This involves gathering, organizing, and presenting information about existing conditions and infrastructure within each subwatershed. It aims to serve as a tool for informed decision-making, planning, and implementation of sustainable watershed management strategies aimed to protect and enhance the health of the watershed, its associated ecosystems, and the surrounding communities.

A geographic information system (GIS) was used to visualize data pertaining to the existing stormwater infrastructure, land cover, watershed delineation, and water quality classification and impairments within separate layers. Datasets from the New Jersey Department of Environmental Protection's (NJDEP's) GIS database was used to populate the watershed inventory map, from which the relevant data were isolated. Datasets representing Mount Olive Township's existing stormwater infrastructure were provided by the municipality and were manipulated, if necessary, for the specific purposes of this report.

Analysis by Municipality

An analysis was completed by municipality. Figure 1 shows Mount Olive Township in relation to the study area. Figure 2 shows the portions of the eleven HUC14s in Mount Olive Township and highlights the HUC14s that are contained within the study area. Figure 3 illustrates the land use in Mount Olive Township. A detailed land use analysis and nonpoint source loading analysis was completed for each HUC14 in Mount Olive Township and is presented in Table 2. Figure 4 shows the impervious cover in Mount Olive Township based upon NJDEP's 2015 impervious cover layer. An impervious cover analysis was completed for each HUC14 in Mount Olive Township and is presented in Table 3.

For the area of the municipality in the study area, a stormwater facilities analysis was completed (see Figure 5). Two sources were used to identify stormwater facilities. The first data source was the New Jersey Hydrologic Modeling Database (SCS, 2024) that was prepared by the Soil Conservation Districts (SCD) and Rutgers University. The second data source was the NJDEP 2020 land use/land cover GIS Layer. Land use data uses a land use code (1499) to identify stormwater basins. Each stormwater basin was inspected (see Table 4). The detention basins in Table 4 (identified as type "D") could benefit from naturalization (i.e., conversion from a detention basin to a bioretention basin). Detention basins that are already naturalized are identified as type "N". The retention basins in Table 4 (identified as type "R") could benefit from the addition of vegetative shoreline buffers. Retention basins that already have a vegetative shoreline buffer are listed as type "RB".

The Q-Farms in Mount Olive Township have been identified (see Figure 6). Table 5 presents the data available for each Q-Farm parcel. Q-Farms are the parcels that have been qualified for farmland tax assessment. The Q-Farms in the study area of Mount Olive Township have been

identified (see Figure 7 and Table 6). It is important to note that the land use on a Q-Farm is often not all agriculture. Figure 8 illustrates the land use on the Q-Farms, which is summarized in Table 7. There are 925.2 acres of agricultural land use in Mount Olive Township, of which, 645.8 acres lie within the study area for this Watershed Restoration and Protection Plan. There are 66 Q-Farms and portions of three Q-Farms in the study area portion of Mount Olive Township, totaling 2,043.5 acres. Within the 66 Q-Farms and portions of three Q-Farms, there are approximately 512.6 acres of agricultural land use. Aerial photography (see Figure 9) was used to identify areas where riparian buffers may be able to be enhanced to further protect the waterways from agricultural impacts. Based upon the aerial photograph and site visits, recommendations for the agricultural lands in the study area in Mount Olive Township are presented in Table 8.

The impervious cover analysis was used to calculate targets for areas of rooftops to be treated with rain gardens and length of roadways to be managed with bioswales. Four HUC14s are included in the study area (02030105010010, 02030105010020, 02030105010040, 02030105010050). Within these four HUC14s, there are 290.6 acres of buildings and 359.5 acres of roadway. The Watershed Restoration and Protection Plan recommends managing stormwater runoff from ¼ of 25% of the building rooftops. For the study area within Mount Olive Township, approximately 18.2 acres of rooftop runoff would be managed with 3.63 acres of rain gardens. The plan also calls for the management of 10% of the roadways with bioswales. For the study area within Mount Olive Township, approximately 36.0 acres of roadway would be managed, or 9.9 miles of roadway.

Finally, the parcel data was used to identify parcels that are classified as Property Class 15. Property Class 15 parcels are tax-exempt, and include six subcategories:

15A – Public School Property

15B- Other School Property

15C- Public Property

15D- Church and Charitable Property

15E- Cemeteries and Graveyards

15F- Other Exempt

The Property Class 15 parcels for Mount Olive Township are shown in Figure 10 and presented in Table 9. When the municipality develops their Watershed Improvement Plan to satisfy their Municipal Separate Storm Sewer System (MS4) permit, these are the first sites that are assessed for opportunities to install watershed improvement projects. This assessment was completed for the Property Class 15 parcels in the study area (see Figure 11). Available information for each parcel in the study area is presented in Table 10. Class 15E parcels were excluded from the assessment. Eleven of these properties offer opportunities to be retrofitted with green infrastructure to help reduce pollutant loads. These properties are identified in Table 10 and represent watershed improvement projects that can be included in the municipality's Watershed Improvement Plan. Figure 12 shows parcels within the entire municipality that offer opportunities to be retrofitted with green infrastructure. These sites are included in the

Impervious Cover Reduction Action Plan that was completed by the RCE Water Resources Program for the municipality.

Water Quality Classification

The New Jersey Department of Environmental Protection (NJDEP) Surface Water Quality Standards (SWQS) are regulations that govern the water quality goals and pollution limitations for surface waters in New Jersey. Surface waters are classified based on their designated uses, such as drinking water supply, aquatic life habitat, recreation, or shellfish harvesting. The SQWS are used to protect those uses and guide permitting, monitoring, and water quality restoration efforts.

Under the SWQS, freshwaters are classified as Fresh Water 1 (FW1), Fresh Water 2 (FW2), or Pinelands (PL). FW1 waters are nondegradation waters with unique ecological significance, in which man-made wastewater discharges are not permitted. FW2 waters are all other freshwaters except for Pinelands waters. FW2 waters are further classified based on their ability to support trout. Trout Production waters (TP) are designated for use by trout for spawning or nursery purposes during their first summer. Trout Maintenance waters (TM) are designated for the support of trout throughout the year. Non-trout waters (NT) are generally unsuitable for trout due to their physical, chemical, or biological characteristics. Pinelands waters – which may be either fresh or saline waters – are surface waters within the Pinelands Protection and Preservation areas.

Saline waters that are not PL are classified under the SWQS as either Saline Estuarine (SE) or Saline Coastal (SC). SE waters are further subcategorized based on their ability to support recreation, shellfish harvesting, and warm water fish species. SE1 waters have the highest protection within the SE category, and must support the maintenance, migration, and propagation of fish and aquatic life, as well as shellfish harvesting. SE2 waters must support the maintenance, migration, and propagation of fish and aquatic life but do not need to support shellfish harvesting. SE3 waters must support the migration of fish but do not need to support permanent aquatic biota populations or shellfish harvesting. Some coastal waters have dual classifications where the waters change from freshwater to saltwater as they drain into the estuary or ocean.

Finally, there are three antidegradation classifications assigned to all New Jersey surface waters. Outstanding National Resource Waters (ONRW) is the most protective classification and applies to all F1 and PL waters. No degradation is permitted in ONRW waters. Category One waters (C1) are protected from any measurable change to existing water quality because of their exceptional ecological significance, exceptional recreational significance, exceptional water supply significance, or exceptional fisheries resources. Category Two waters (C2) permit some measurable degradation in water quality, but the changes must be limited and justified. C2 is the default classification for all surface waters that are not categorized as F1, PL, or C1.

There are six classifications that apply to the streams in Mount Olive Township. Figure 13 depicts the water quality classifications of surface waters throughout Mount Olive Township and Table 11 summarizes the total miles and percentage of each surface water quality classification in the municipality.

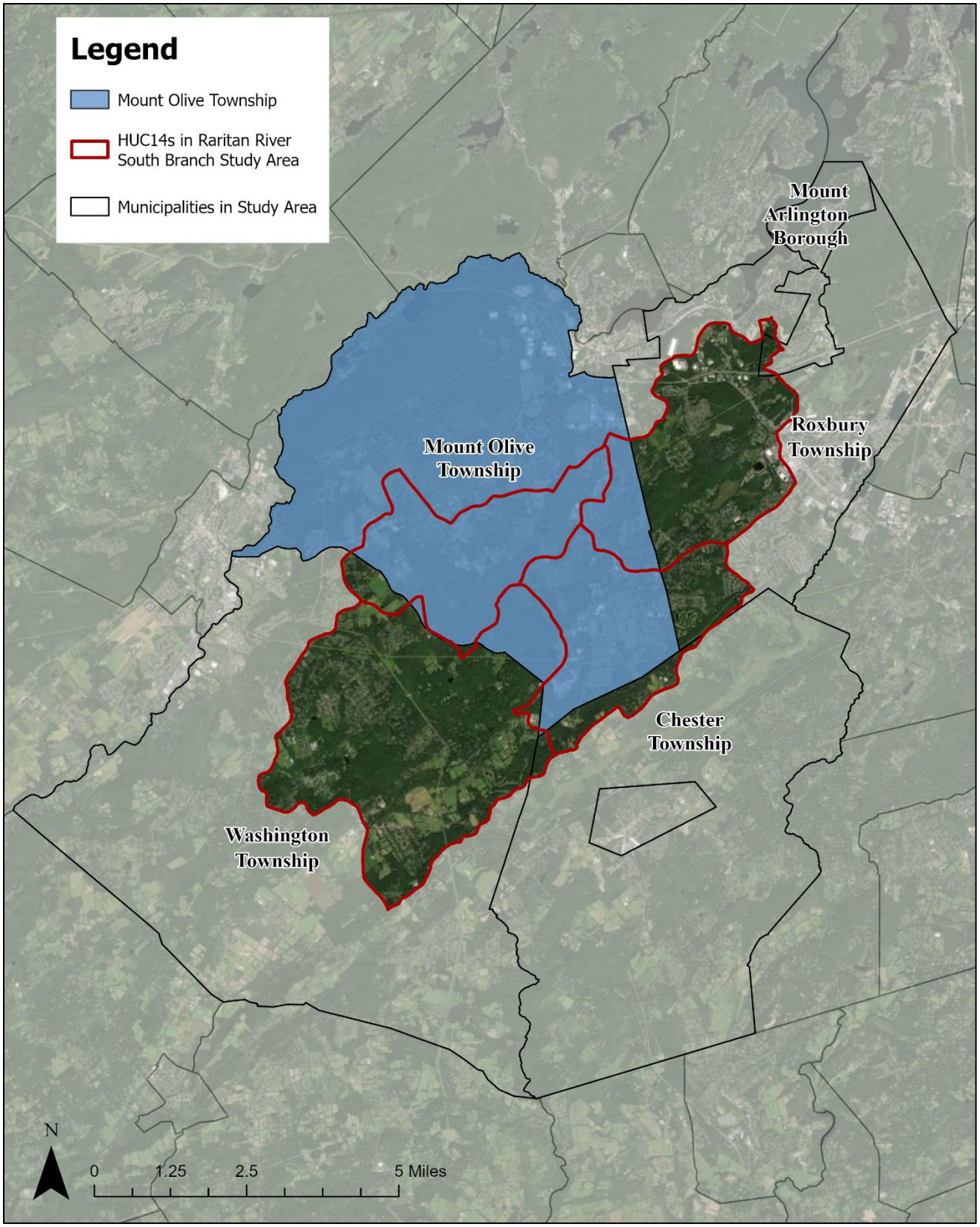


Figure 1: Municipalities in the Study Area

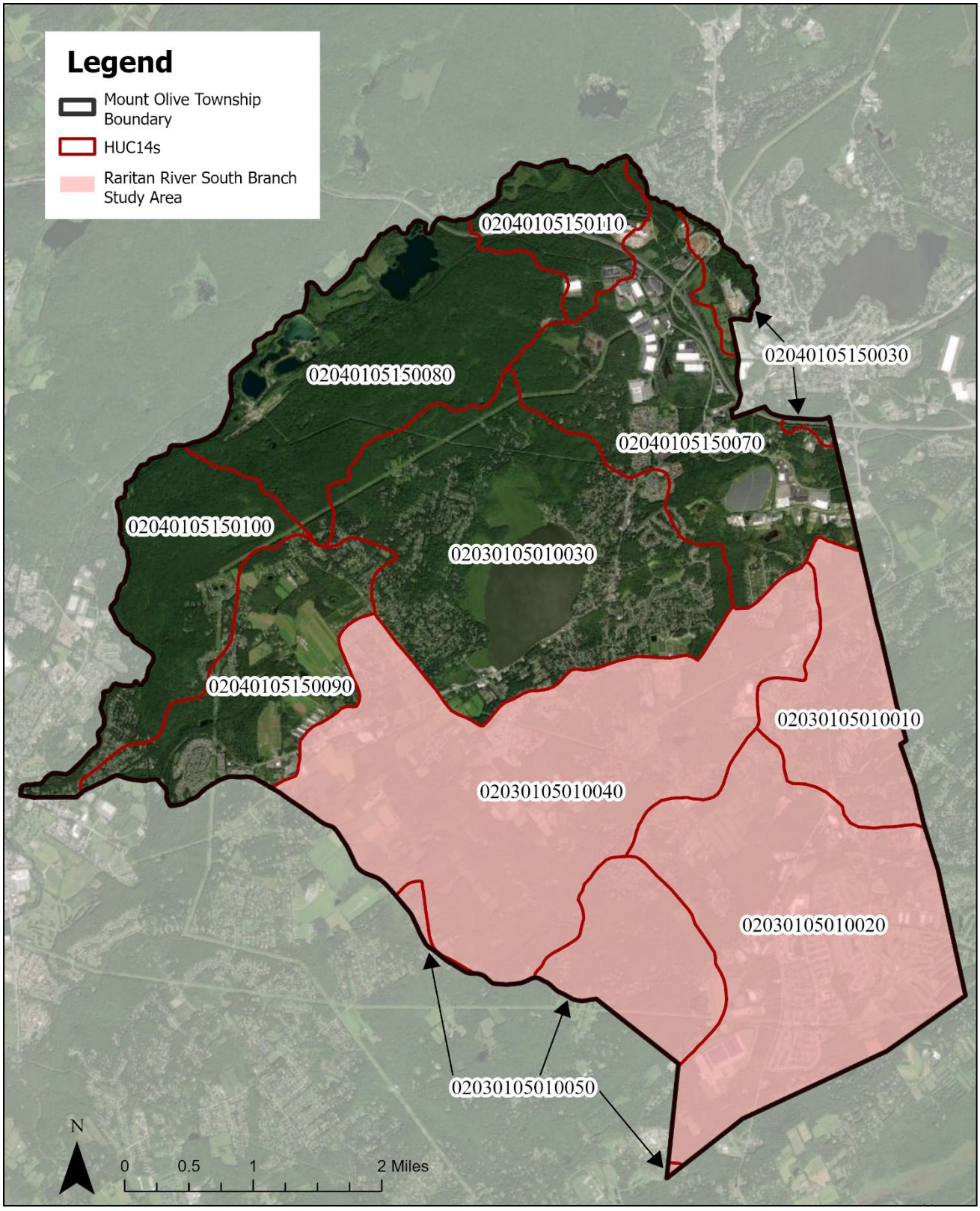


Figure 2: Portions of eleven HUC14s are in Mount Olive Township

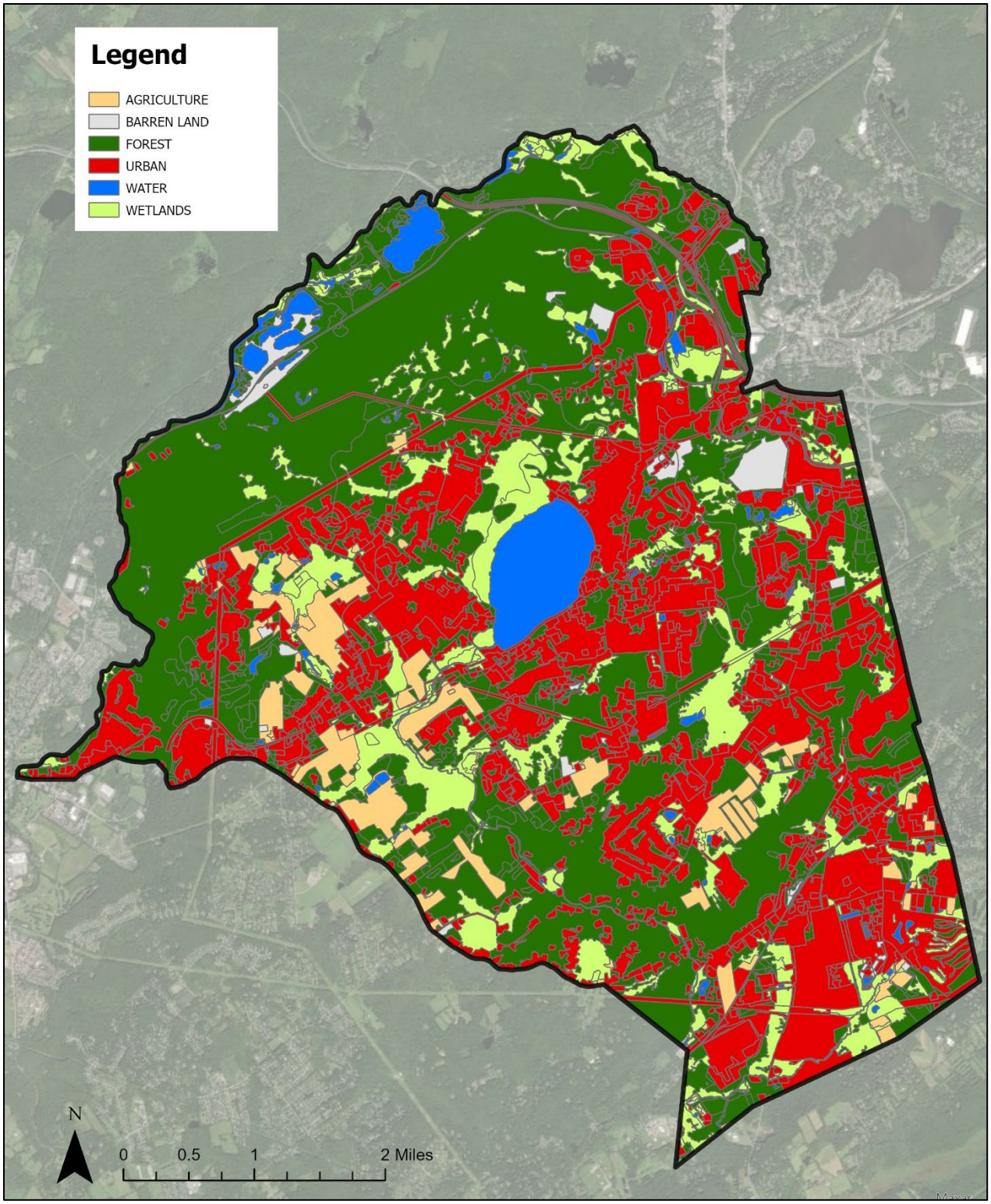


Figure 3: Land Use in Mount Olive Township

Table 2: Land Use Analysis and Nonpoint Source Loading Analysis by HUC14 for Mount Olive Township

Land Use Type	Area (acres)	TP Load (lbs/yr)	TN Load (lbs/yr)	TSS Load (lbs/yr)
02030105010010				
Agriculture	15.3	19.9	153.0	4,590.7
Barren Land	5.5	2.8	27.6	331.7
Forest	379.9	38.0	1,139.6	15,194.8
Urban	530.0	742.0	7,949.7	74,197.2
Water	1.3	0.1	4.0	53.2
Wetlands	62.5	6.3	187.5	2,500.2
TOTAL =	**994.5**	**809.0**	**9,461.5**	**96,867.7**
02030105010020				
Agriculture	186.5	242.5	1,865.5	55,963.9
Barren Land	16.3	8.2	81.7	980.4
Forest	767.5	76.8	2,302.6	30,700.9
Urban	1,528.8	2,140.3	22,931.9	214,031.1
Water	37.3	3.7	112.0	1,493.5
Wetlands	445.1	44.5	1,335.2	17,802.7
TOTAL =	**2,981.6**	**2,516.0**	**28,628.9**	**320,972.5**
02030105010030				
Agriculture	22.9	29.8	229.3	6,879.1
Barren Land	17.7	8.8	88.3	1,059.1
Forest	968.1	96.8	2,904.3	38,724.1
Urban	1,359.8	1,903.8	20,397.4	190,376.2
Water	401.3	40.1	1,203.8	16,051.2
Wetlands	448.8	44.9	1,346.3	17,950.5
TOTAL =	**3,218.6**	**2,124.2**	**26,169.4**	**271,040.2**
02030105010040				
Agriculture	391.0	508.2	3,909.5	117,285.4
Barren Land	13.7	6.8	68.4	821.3
Forest	1,580.9	158.1	4,742.6	63,234.2
Urban	1,209.2	1,692.8	18,137.4	169,282.0
Water	39.0	3.9	117.1	1,561.5
Wetlands	652.6	65.3	1,957.7	26,103.3
TOTAL =	**3,886.3**	**2,435.1**	**28,932.7**	**378,287.6**
02030105010050				
Agriculture	53.0	68.9	530.1	15,902.8
Barren Land	0.3	0.1	1.5	17.9
Forest	498.0	49.8	1,494.1	19,921.4
Urban	257.4	360.4	3,860.9	36,035.0
Water	13.0	1.3	39.1	521.5
Wetlands	80.7	8.1	242.2	3,229.6

TOTAL =	**902.5**	**488.6**	**6,167.9**	**75,628.2**
02040105150030				
Agriculture	0.0	0.0	0.0	0.0
Barren Land	7.4	3.7	37.1	445.3
Forest	112.3	11.2	336.9	4,491.7
Urban	82.2	115.1	1,233.2	11,509.8
Water	6.7	0.7	20.0	267.2
Wetlands	9.3	0.9	27.8	371.0
TOTAL =	**217.9**	**131.6**	**1,655.0**	**17,084.9**
02040105150070				
Agriculture	1.7	2.2	16.9	505.6
Barren Land	111.0	55.5	555.1	6,661.5
Forest	909.6	91.0	2,728.9	36,384.9
Urban	916.3	1,282.8	13,744.6	128,282.9
Water	44.6	4.5	133.8	1,784.4
Wetlands	280.4	28.0	841.1	11,215.3
TOTAL =	**2,263.6**	**1,464.0**	**18,020.4**	**184,834.6**
02040105150080				
Agriculture	0.0	0.0	0.0	0.0
Barren Land	83.8	41.9	419.0	5,027.6
Forest	1,706.5	170.7	5,119.6	68,261.0
Urban	55.8	78.2	837.5	7,816.6
Water	221.7	22.2	665.2	8,869.7
Wetlands	127.3	12.7	381.9	5,092.0
TOTAL =	**2,195.2**	**325.6**	**7,423.2**	**95,066.8**
02040105150090				
Agriculture	243.7	316.8	2,436.9	73,107.9
Barren Land	14.1	7.0	70.3	843.1
Forest	449.7	45.0	1,349.0	17,986.1
Urban	537.0	751.8	8,055.0	75,180.1
Water	20.9	2.1	62.6	834.6
Wetlands	132.5	13.3	397.6	5,301.2
TOTAL =	**1,397.8**	**1,135.9**	**12,371.3**	**173,253.0**
02040105150100				
Agriculture	11.1	14.5	111.3	3,337.6
Barren Land	0.0	0.0	0.0	0.0
Forest	978.9	97.9	2,936.7	39,155.7
Urban	235.2	329.2	3,527.3	32,921.8
Water	20.4	2.0	61.2	816.3
Wetlands	40.5	4.0	121.4	1,619.3
TOTAL =	**1,286.1**	**447.7**	**6,757.9**	**77,850.6**
02040105150110				
Agriculture	0.0	0.0	0.0	0.0

Barren Land	0.0	0.0	0.0	0.0
Forest	441.5	44.2	1,324.6	17,661.3
Urban	87.7	122.8	1,315.5	12,277.6
Water	22.1	2.2	66.3	883.6
Wetlands	96.6	9.7	289.9	3,864.9
TOTAL =	**647.9**	**178.8**	**2,996.2**	**34,687.4**
All HUCs				
Agriculture	925.2	1,202.8	9,252.4	277,573.0
Barren Land	269.8	134.9	1,349.0	16,187.9
Forest	8,792.9	879.3	26,378.7	351,716.3
Urban	6,799.4	9,519.1	101,990.4	951,910.3
Water	828.4	82.8	2,485.2	33,136.5
Wetlands	2,376.2	237.6	7,128.7	95,049.8
TOTAL =	**19,992.0**	**12,056.6**	**148,584.5**	**1,725,573.7**

Impervious Cover Analysis

NJDEP's Open Data impervious surface GIS data layer depicts surfaces throughout Mount Olive Township that have been covered with materials that are highly resistant to infiltration by water, rendering them impervious. These surfaces include rooftops, roadways, sidewalks, and other paved areas. These impervious cover values were used to estimate the impervious coverage for Mount Olive Township. Based upon the NJDEP impervious surface data, Mount Olive Township has impervious cover totaling 13.5%. Table 3 shows impervious cover for each HUC14. The extent of the impervious cover in Mount Olive Township is shown in Figure 4.

The literature suggests a link between impervious cover and stream ecosystem impairment (Schueler, 1994; Arnold and Gibbons, 1996; May et al., 1997). Impervious cover may be linked to the quality of lakes, reservoirs, estuaries, and aquifers (Caraco et al., 1998), and the amount of impervious cover in a watershed can be used to project the current and future quality of streams. Based on scientific literature, Caraco et al. (1998) classified urbanizing streams into the following three categories: sensitive streams, impacted streams, and non-supporting streams.

Schueler (1994, 2004) developed an impervious cover model that classified "sensitive streams" as typically having a watershed impervious surface cover from 0-10%. "Impacted streams" have a watershed impervious cover ranging from 11-25% and typically show clear signs of degradation from urbanization. "Non-supporting streams" have a watershed impervious cover of greater than 25%; at this high level of impervious cover, streams are simply conduits for stormwater flow and no longer support a diverse stream community.

Schueler et al. (2009) reformulated the impervious cover model based upon new research that had been conducted. This analysis determined that stream degradation was first detected at 2 to 15% impervious cover. The updated impervious cover model recognizes the wide variability of stream degradation at impervious cover below 10%. The updated model also moves away from having a fixed line between stream quality classifications. For example, 5 to 10% impervious cover is included for the transition from sensitive to impacted, 20 to 25% impervious cover for

the transition between impacted and non-supporting, and 60 to 70% impervious cover for the transition from non-supporting to urban drainage.

Based upon this information, Mount Olive Township's impervious cover percentage would suggest that its waterways are primarily impacted and most likely contribute to the degradation of the state's surface water quality standards.

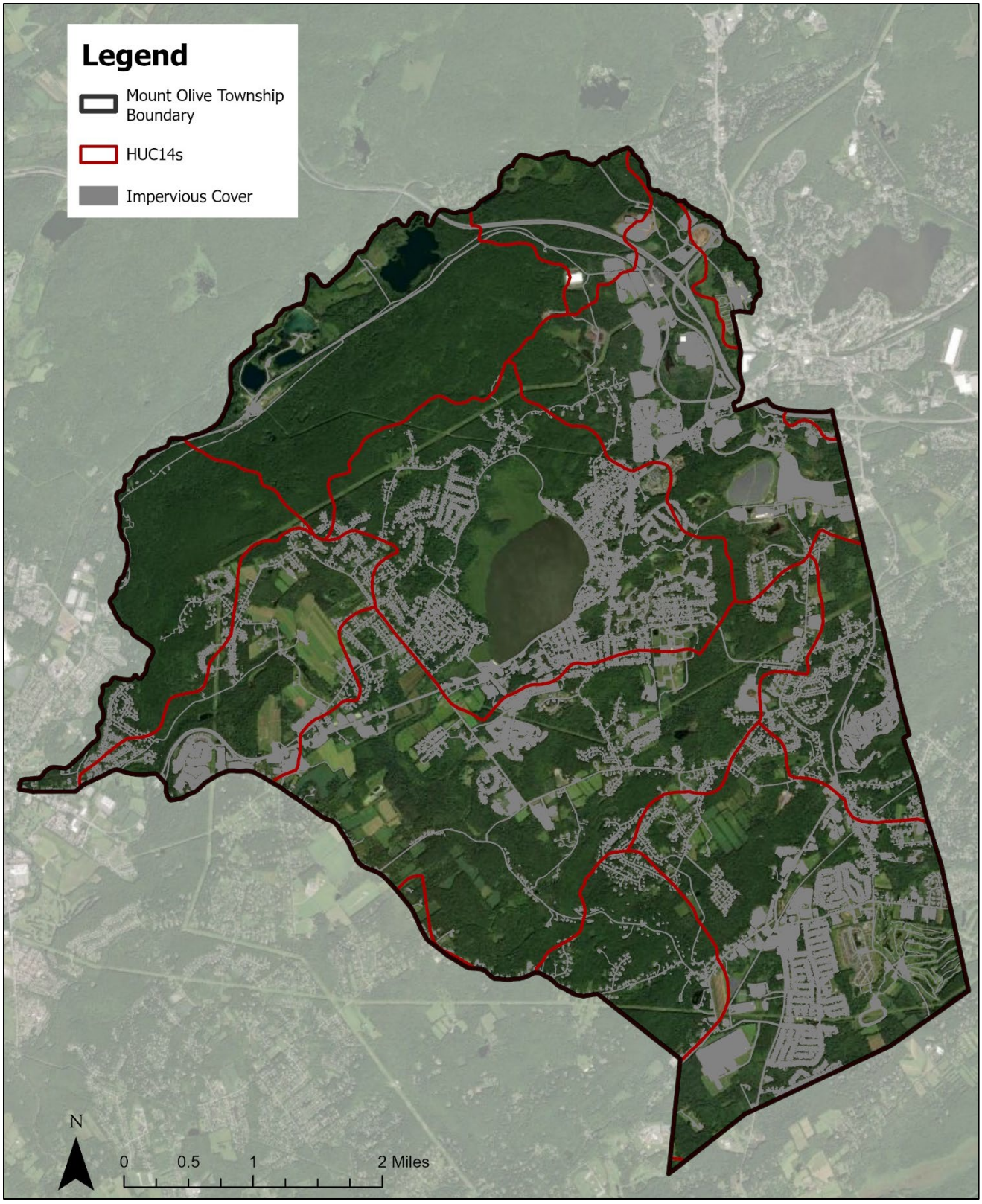


Figure 4: Impervious Cover in Mount Olive Township

Table 3: Impervious Cover Analysis by HUC14 for Mount Olive Township

Class	Area (acres)	HUC Impervious Cover (%)
02030105010010		
Building	42.92	
Other	80.32	
Road	67.73	
TOTAL =	**191.0**	**19.2%**
02030105010020		
Building	146.70	
Other	303.05	
Road	140.05	
TOTAL =	**589.8**	**19.8%**
02030105010030		
Building	105.84	
Other	207.65	
Road	192.39	
TOTAL =	**505.9**	**15.7%**
02030105010040		
Building	87.62	
Other	214.71	
Road	125.39	
TOTAL =	**427.7**	**11.0%**
02030105010050		
Building	13.31	
Other	24.02	
Road	26.34	
TOTAL =	**63.7**	**7.1%**
02040105150030		
Building	3.72	
Other	16.26	
Road	18.01	
TOTAL =	**38.0**	**17.4%**
02040105150070		
Building	116.68	
Other	254.93	
Road	138.14	
TOTAL =	**509.7**	**22.5%**
02040105150080		
Building	1.21	
Other	31.48	
Road	20.83	
TOTAL =	**53.5**	**2.4%**
02040105150090		
Building	43.79	
Other	92.15	
Road	68.74	
TOTAL =	**204.7**	**14.6%**

02040105150100		
Building	12.84	
Other	29.03	
Road	20.20	
TOTAL =	**62.1**	**4.8%**
02040105150110		
Building	9.20	
Other	16.18	
Road	27.15	
TOTAL =	**52.5**	**8.1%**
All HUCs		
Building	583.82	
Other	1269.76	
Road	844.98	
TOTAL =	**2,698.6**	**13.5%**

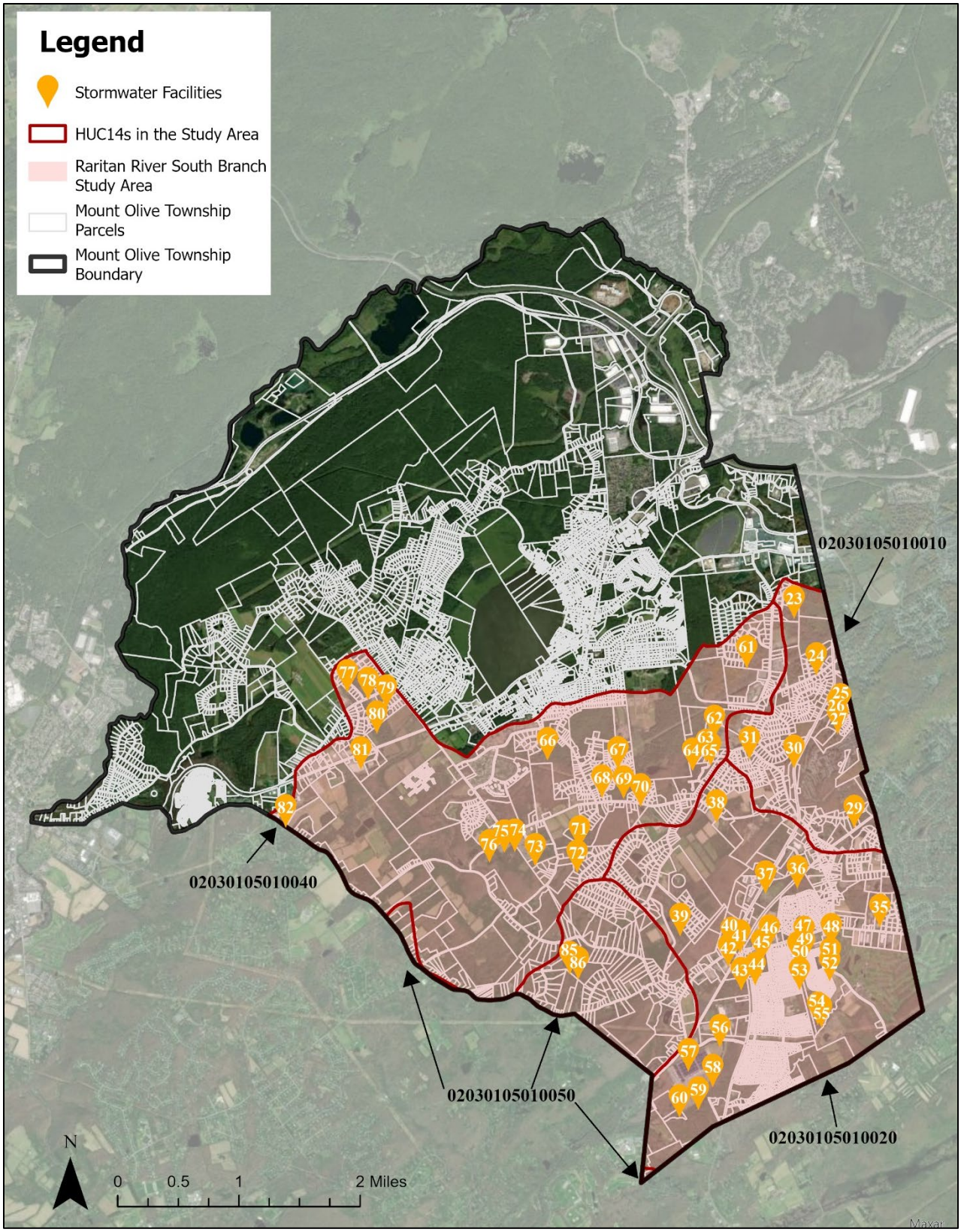


Figure 5: Stormwater Facilities in the Study Area of Mount Olive Township

Table 4: Location of Stormwater Facilities in the Study Area of Mount Olive Township

Raritan River South Branch Study Area		
ID	**Address**	**Type**
23	8 Southwind Dr	N
24	12 Arrow Ct	N
25	131 Route 206	D
26	131 Route 206	D
27	97 Route 206	D
29	24 Mountain Ave	D
30	17 Warwick Rd	D
31	239 Flanders-Netcong Rd	D
35	24 St Andrews Ct	D
36	5 Laurel Dr	N
37	230 Us-206	D
38	65 Flanders-Drakestown Rd	N
39	6 Courtney Dr	N
40	90 Bartley-Flanders Rd	D
41	270 Route 206	D
42	90 Bartley-Flanders Rd	D
43	286 Route 206	N
44	293 Route 206	D
45	62 Flanders-Bartley Rd	D
46	62 Flanders-Bartley Rd	D
47	1 W.Det Basin,Fl Crossing	D
48	40 Flanders-Bartley Rd	D
49	49-51 Flanders Bartley Rd	N
50	49-51 Flanders Bartley Rd	D
51	70 Pleasant Hill Rd	D
52	2 Drake Way	D
53	70 Pleasant Hill Rd	N
54	70 Drake Way	R
55	70 Drake Way	D
56	700 Bartley Chester Rd	N
57	703 Bartley-Chester Rd	D
58	703 Bartley-Chester Rd	D
59	703 Bartley-Chester Rd	D
60	703 Bartley-Chester Rd	D
61	152 Flanders-Netcong Rd	N
62	18 Corey Rd	D
63	18 Corey Rd	D
64	13 School House Ln	N
65	18 Corey Rd	I

66	Mt. Olive Rd	N
67	12 Fernwood Ct Rear	N
68	55 Vista Dr Open Space	N
69	173 Flanders-Drakestown R	N
70	173 Flanders-Drakestown R	RB
71	13 Natures Ct	D
72	23 Whispering Woods Dr	RB
73	202 Flanders-Drakestown R	D
74	204 Flanders-Drakestown R	D
75	160 Wolfe Rd	D
76	160 Wolfe Rd	D
77	11 Meadow Ln	D
78	376 Sand Shore Rd	N
79	369 Sand Shore Rd	D
80	6 Kobert Ave	N
81	354 Route 46	D
82	399 Route 46	D
85	1 Twin Brook Ln	N
86	1 Twin Brook Ln	N

“D” = Detention, “R” = Retention, “N” = Naturalized, “I” = Infiltration, “RB” = Retention with Buffer

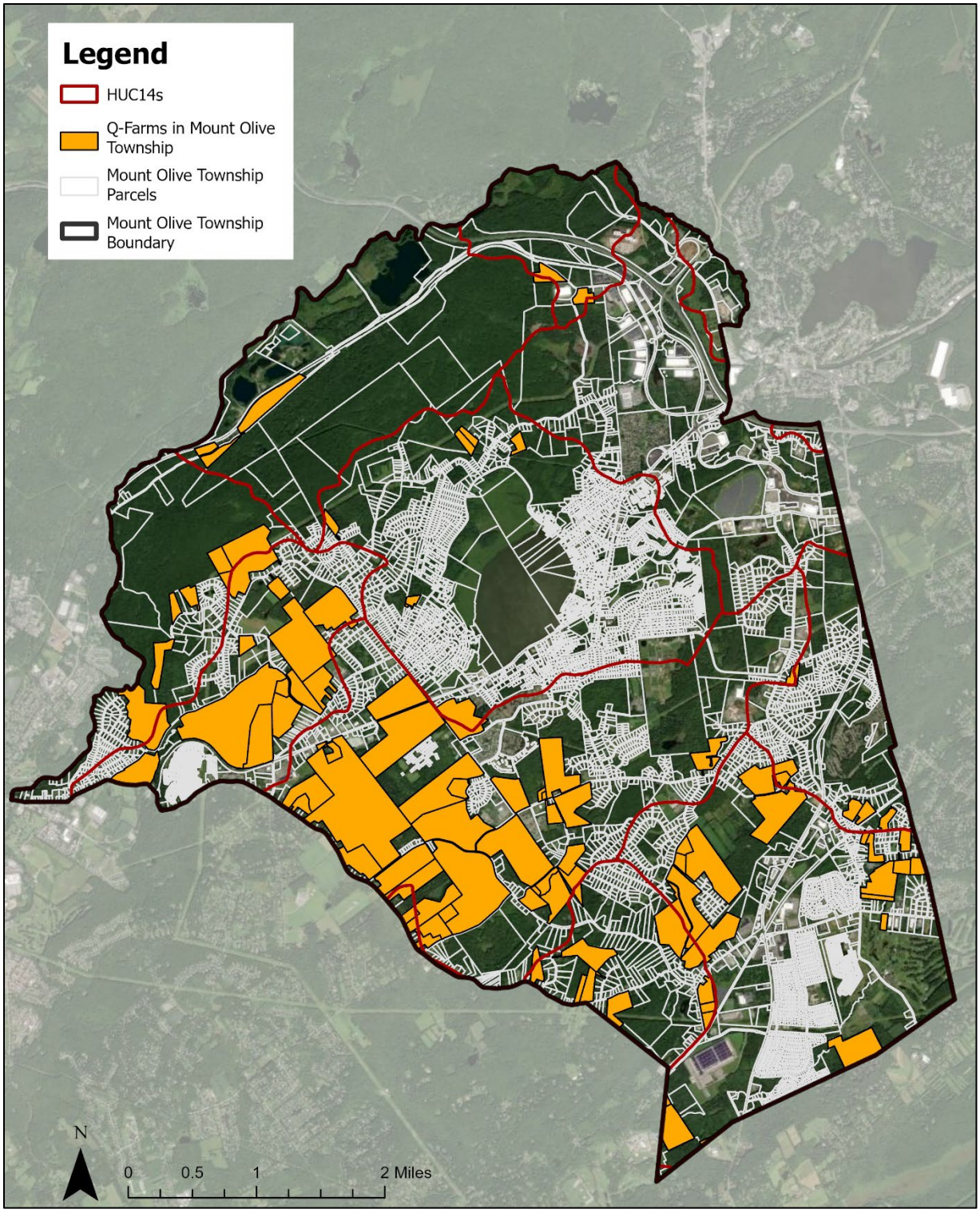


Figure 6: Q-Farm Parcels in Mount Olive Township

Table 5: Q-Farm Parcels in Mount Olive Township

Block	Lot	Q-Code	Prop Class	Location
400	1	QFARM	3B	217 Waterloo Valley Rd
500	1	QFARM	3B	207 Waterloo Valley Rd
701	4	QFARM	3B	66 Waterloo Valley Rd
701	6	QFARM	3B	42 Waterloo Valley Rd
800	15	QFARM	3B	131 Smithtown Rd
800	16	QFARM	3B	131 Smithtown Rd Rear
800	37	QFARM	3B	164 Stephens Park Rd
800	39.02	QFARM	3B	190 Stephens Park Rd
800	40	QFARM	3B	39 Waterloo Valley Rd
900	1	QFARM	3B	40 Stephens Park Rd
900	3	QFARM	3B	416 Sand Shore Rd
900	11	QFARM	3B	60 Old Mine Hill Rd
900	39	QFARM	3B	230 Smithtown Rd
900	49	QFARM	3B	172 Smithtown Rd
1101	2	QFARM	3B	21 Bridle Ln
1300	55	QFARM	3B	7 Ike Rd
1300	55.01	QFARM	15C	Ike Rd Rear
2100	12	QFARM	3B	8 Academy Ln
2100	14	QFARM	3B	12 Academy Ln
2801	1	QFARM		Firetower Rd
4600	29	QFARM	3B	16 North Rd
4600	30	QFARM	3B	26 North Rd
4701	6	QFARM	3B	65 Drakedale Rd
5002	10	QFARM	3B	47 Flanders-Drakestown Rd
5002	10.01	QFARM	3B	26 Flanders-Drakestown Rd
5201	10	QFARM	15C	44-1 Corey Rd
5300	10	QFARM	3B	51 Flanders-Drakestown Rd
5300	38	QFARM	3B	126 Bartley-Flanders Rd
5300	54	QFARM	3B	137 Tinc Rd
5300	56	QFARM	3B	71 Tinc Rd
5300	57	QFARM	3B	71 Tinc Rd
5300	58	QFARM	3B	60 Tinc Rd
5600	5	QFARM	3B	12 Hillside Ave
5702	3	QFARM	3B	25 Hillside Ave
5800	17	QFARM	3B	19 W Grover St Rear
5800	23	QFARM	3B	19 W Grover St
5800	28	QFARM	3B	9 Park Pl
5800	29	QFARM	3B	9 Park Pl
5800	52	QFARM	3B	Main Rd
5800	53	QFARM		Main St
5900	4	QFARM	3B	21 Ironia Rd

6000	4	QFARM	3B	150 Pleasant Hill Rd
6600	7	QFARM	1	0-1 Route 206 Rear
6600	10	QFARM	3B	273 Old Bartley Rd
6600	13	QFARM	3B	0-3 Bartley Rd Rear
6801	10	QFARM	3B	139 Bartley-Chester Rd
6801	10.01	QFARM	3B	153 Bartley-Chester Rd
6801	10.02	QFARM	3B	157 Bartley-Chester Rd
6900	6	QFARM	3B	515-523 Drakestown Rd
7000	18	QFARM	3B	514 Drakestown Rd
7000	19	QFARM	3B	500 Drakestown Rd
7000	28	QFARM	3B	1 Twin Brook Ln
7000	32	QFARM	3B	464 Drakestown Rd
7100	16	QFARM	3B	162 Tinc Rd
7100	36	QFARM	3B	140 River Rd
7100	39	QFARM	3B	150 River Rd
7100	40	QFARM	3B	77 Stephens Mill Rd
7100	41	QFARM	3B	75 Stephens Mill Rd
7100	42	QFARM	3B	73 Stephens Mill Rd
7100	43	QFARM	3B	52 Stephens Mill Rd
7100	48	QFARM	3B	190 Flanders-Drakestown R
7702	1	QFARM	15C	18 Wolfe Rd
7801	6	QFARM	3B	44 Wolfe Rd
7801	9	QFARM	3B	155 Flanders-Drakestown R
7801	10	QFARM	3B	153 Flanders-Drakestown R
7801	11	QFARM	3B	145 Flanders-Drakestown R
7900	2	QFARM	3B	10 Stephens Mill Rd
7900	7	QFARM	3B	400 Flanders-Drakestown R
8000	2	QFARM	3B	308-310 Drakestown Rd
8000	6	QFARM	3B	300 River Rd
8000	7	QFARM	3B	300 River Rd Rear
8000	8	QFARM	15C	10 Shop Ln
8000	9	QFARM	3B	358 Drakestown Rd
8000	14	QFARM	3B	342-248 Drakestown Rd
8000	15	QFARM	3B	340 Drakestown Rd
8000	18	QFARM	3B	324-326 Drakestown Rd
8100	10	QFARM	3B	218-224 Drakestown Rd
8100	11	QFARM	3B	244-282 Drakestown Rd
8100	26	QFARM	3B	210 Drakestown Rd
8100	28	QFARM	3B	200-206 Drakestown Rd
8100	45	QFARM	3B	377 Route 46
8100	47	QFARM	3B	373 Route 46
8100	61	QFARM	15C	427 Route 46
8101	7	QFARM	3B	40 Wolfe Rd
8101	8	QFARM	3B	14 Aldersgate Cir

8101	9	QFARM	3B	499 Flanders-Drakestown R
8200	1	QFARM	15C	342 Route 46
8300	2	QFARM	3B	458 Route 46
8300	3	QFARM	3B	69 Stephens Park Rd
8300	4	QFARM	3B	21 Stephens Park Rd
8300	13	QFARM	3B	500 Route 46
8300	16	QFARM	3B	50 Drakestown Rd
8800	3	QFARM	3B	169 Stephens Park Rd
8800	29	QFARM	3B	107 Stephens Park Rd
8800	44	QFARM	3B	60 Mine Hill Rd

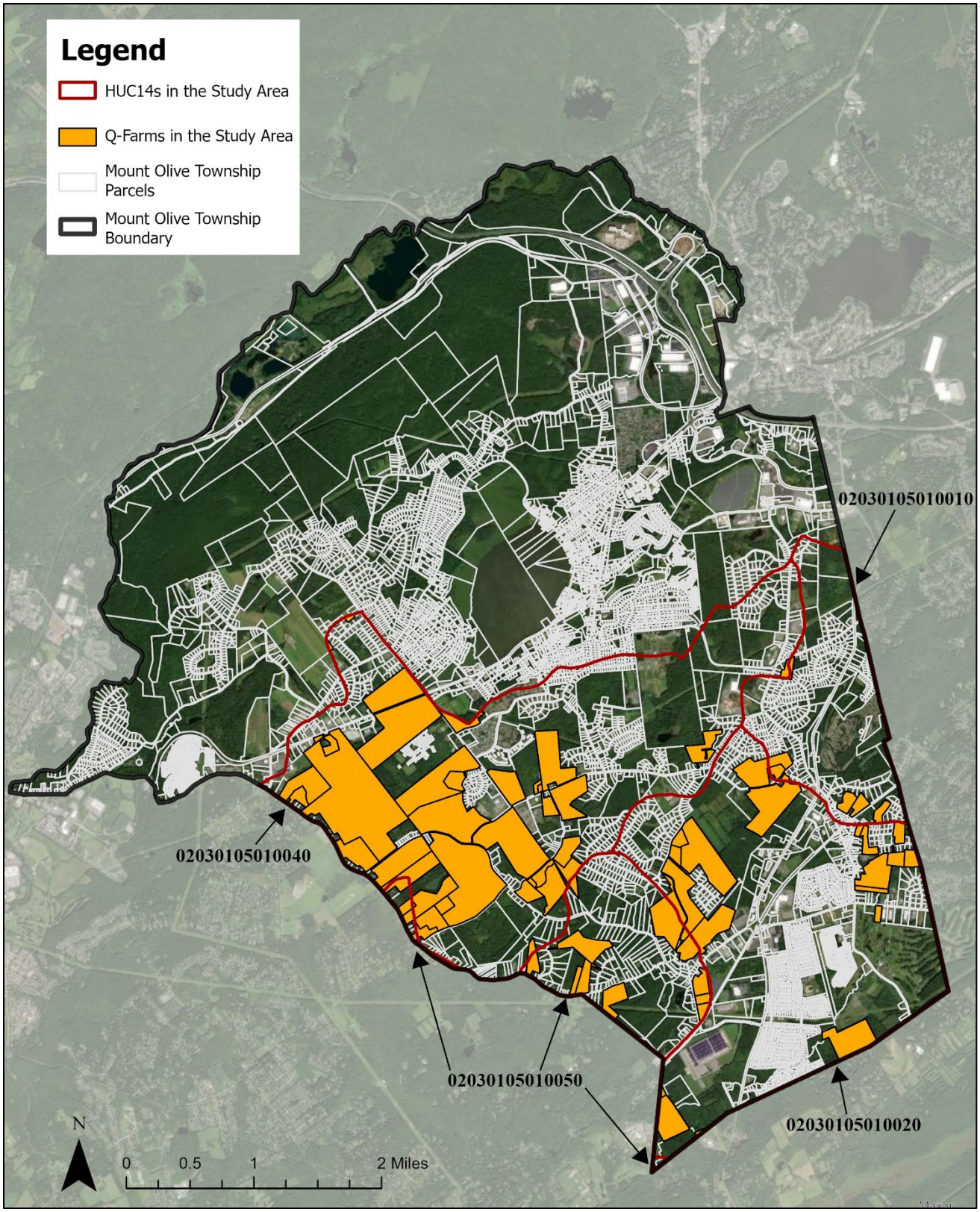


Figure 7: Q-Farm Parcels in the Study Area of Mount Olive Township

Table 6: Q-Farm Parcels in the Study Area of Mount Olive Township

Block	Lot	Q-Code	Prop Class	Location
6600	7	QFARM	1	0-1 Route 206 Rear
6801	10.02	QFARM	3B	157 Bartley-Chester Rd
6801	10.01	QFARM	3B	153 Bartley-Chester Rd
7000	18	QFARM	3B	514 Drakestown Rd
7000	19	QFARM	3B	500 Drakestown Rd
7000	32	QFARM	3B	464 Drakestown Rd
8000	8	QFARM	15C	10 Shop Ln
8000	9	QFARM	3B	358 Drakestown Rd
5900	4	QFARM	3B	21 Ironia Rd
5300	38	QFARM	3B	126 Bartley-Flanders Rd
8000	15	QFARM	3B	340 Drakestown Rd
8000	7	QFARM	3B	300 River Rd Rear
5800	53	QFARM		Main St
8000	14	QFARM	3B	342-248 Drakestown Rd
7100	39	QFARM	3B	150 River Rd
7100	40	QFARM	3B	77 Stephens Mill Rd
7100	16	QFARM	3B	162 Tinc Rd
7100	36	QFARM	3B	140 River Rd
5800	23	QFARM	3B	19 W Grover St
7100	41	QFARM	3B	75 Stephens Mill Rd
5300	54	QFARM	3B	137 Tinc Rd
7100	42	QFARM	3B	73 Stephens Mill Rd
5800	52	QFARM	3B	Main Rd
8000	18	QFARM	3B	324-326 Drakestown Rd
5800	17	QFARM	3B	19 W Grover St Rear
7100	43	QFARM	3B	52 Stephens Mill Rd
8100	11	QFARM	3B	244-282 Drakestown Rd
5702	3	QFARM	3B	25 Hillside Ave
8000	2	QFARM	3B	308-310 Drakestown Rd
8000	6	QFARM	3B	300 River Rd
5300	58	QFARM	3B	60 Tinc Rd
7900	7	QFARM	3B	400 Flanders-Drakestown R
5600	5	QFARM	3B	12 Hillside Ave
7900	2	QFARM	3B	10 Stephens Mill Rd
8101	9	QFARM	3B	499 Flanders-Drakestown R
4600	30	QFARM	3B	26 North Rd
4600	29	QFARM	3B	16 North Rd
7801	9	QFARM	3B	155 Flanders-Drakestown R
8100	26	QFARM	3B	210 Drakestown Rd
7801	10	QFARM	3B	153 Flanders-Drakestown R
7100	48	QFARM	3B	190 Flanders-Drakestown R

5300	10	QFARM	3B	51 Flanders-Drakestown Rd
8101	8	QFARM	3B	14 Aldersgate Cir
7801	6	QFARM	3B	44 Wolfe Rd
8100	28	QFARM	3B	200-206 Drakestown Rd
8101	7	QFARM	3B	40 Wolfe Rd
8100	47	QFARM	3B	373 Route 46
8100	45	QFARM	3B	377 Route 46
7801	11	QFARM	3B	145 Flanders-Drakestown R
8100	10	QFARM	3B	218-224 Drakestown Rd
8100	61	QFARM	15C	427 Route 46
8200	1	QFARM	15C	342 Route 46
4701	6	QFARM	3B	65 Drakedale Rd
7000	28	QFARM	3B	1 Twin Brook Ln
5300	57	QFARM	3B	71 Tinc Rd
5300	56	QFARM	3B	71 Tinc Rd
6801	10	QFARM	3B	139 Bartley-Chester Rd
5800	28	QFARM	3B	9 Park Pl
5800	29	QFARM	3B	9 Park Pl
*7702	1	QFARM	15C	18 Wolfe Rd
5002	10.01	QFARM	3B	26 Flanders-Drakestown Rd
5002	10	QFARM	3B	47 Flanders-Drakestown Rd
6600	10	QFARM	3B	273 Old Bartley Rd
6600	13	QFARM	3B	0-3 Bartley Rd Rear
6900	6	QFARM	3B	515-523 Drakestown Rd
5201	10	QFARM	15C	44-1 Corey Rd
*900	11	QFARM	3B	60 Old Mine Hill Rd
*900	39	QFARM	3B	230 Smithtown Rd
6000	4	QFARM	3B	150 Pleasant Hill Rd

*Only a portion of the Q-Farm is within the study area

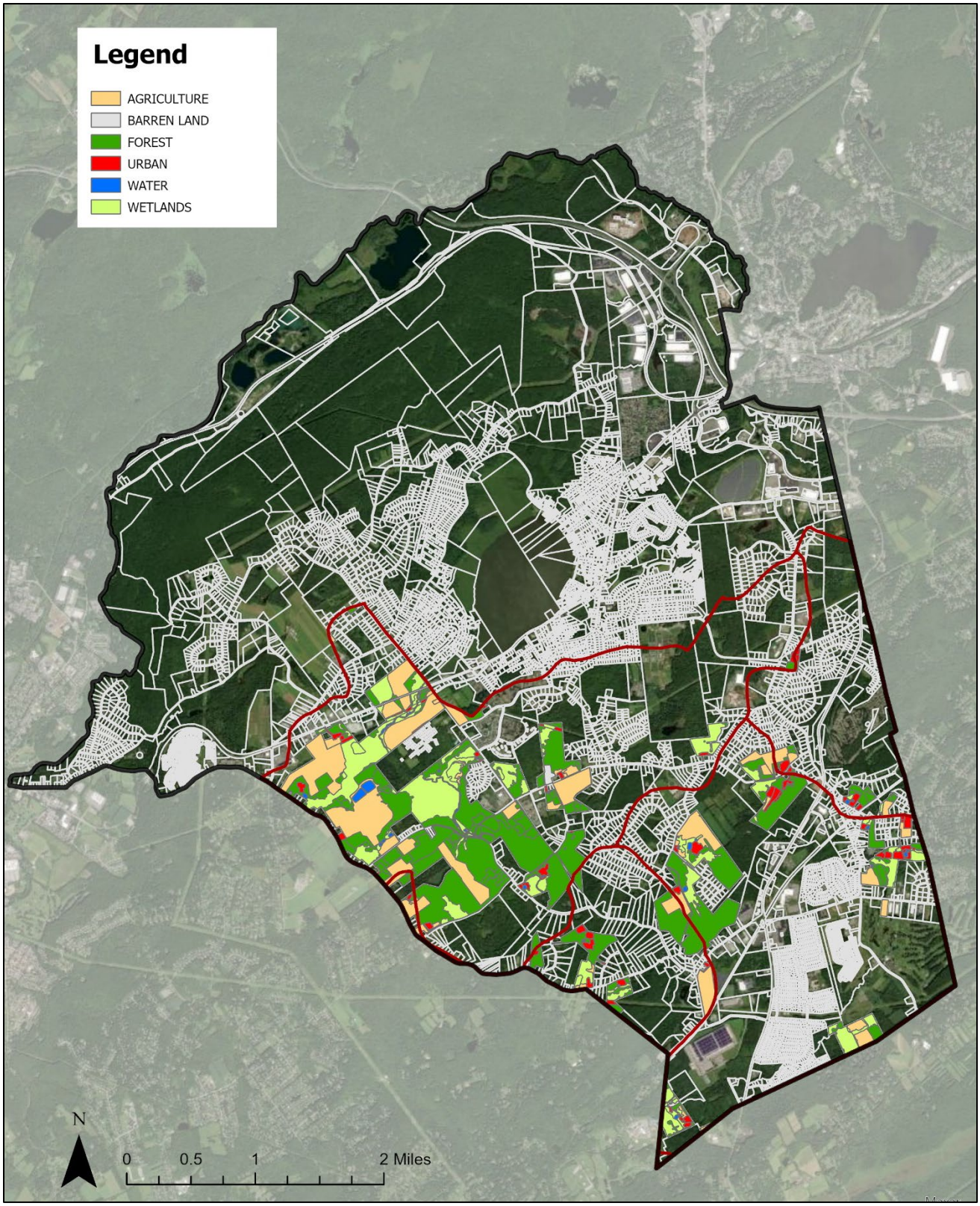


Figure 8: Land Use on Q-Farm Parcels in the Study Area of Mount Olive Township

Table 7: Land Use on Q-Farms in the Study Area of Mount Olive Township

Land Use	Area (acres)
Agriculture	512.6
Barren Land	6.9
Forest	953.8
Urban	103.2
Water	28.4
Wetlands	438.7
Total:	**2,043.5**

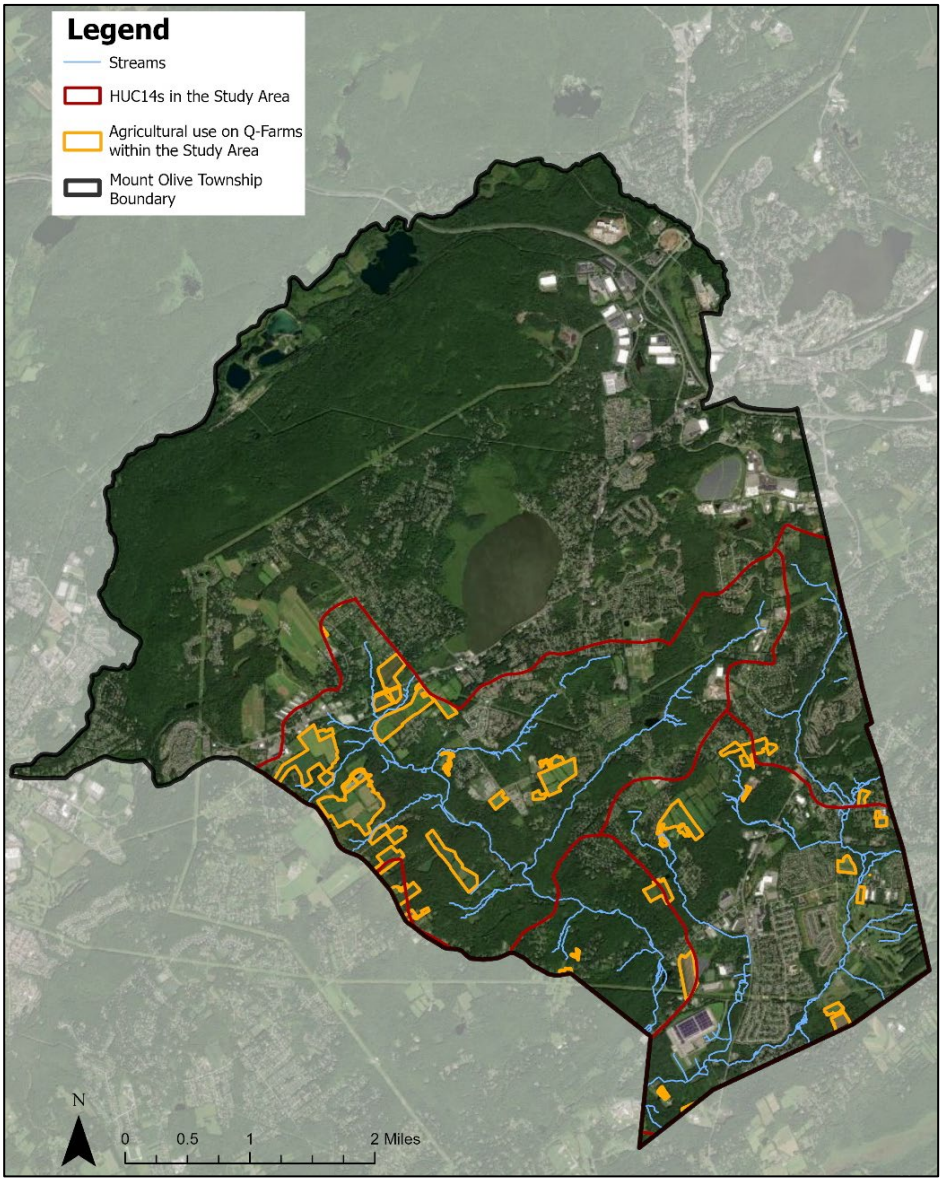


Figure 9: Aerial View of Agricultural Use on Q-Farm Parcels within the Study Area of Mount Olive Township

Table 8: Recommendations for Specific Farms in the Study Area of Mount Olive Township

South Branch Raritan River Study Area								
Block	**Lot**	**Q-Farm Code**	**Cover Crop**	**Enhanced Stream Buffer**	**Impervious Cover Mgt.**	**Rainwater Harvesting**	**Livestock Exclusion**	**Manure Mgt.**
8000	6	QFARM	X					
8100	10	QFARM	X					
8100	47	QFARM				X		X
8200	1	QFARM	X					

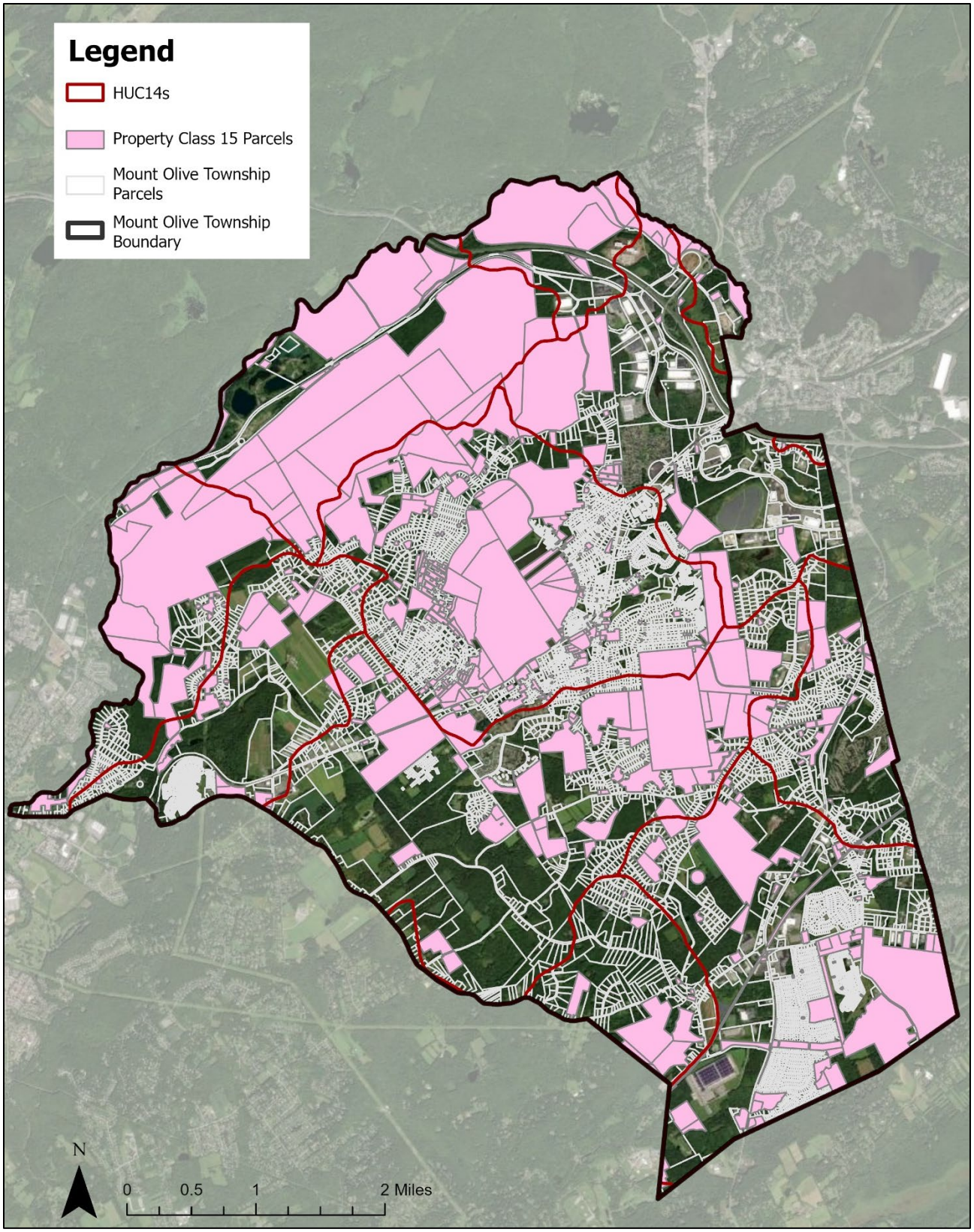


Figure 10: Property Class 15 Parcels in Mount Olive Township

Table 9: Property Class 15 Parcels in Mount Olive Township

Block	Lot	Prop Class	Location	Facility Type
900	12	15A	386 Sand Shore Rd	Sandshore School
5401	21	15A	227 Route 206	Schools
6208	24	15A	120 Clover Hill Dr	Mt View & Mt View N
6600	10.01	15A	0-1 Fourbridges Rd	High School
7100	67	15A	24 Tinc Rd	Tinc Road School
7600	70	15A	20 Sunset Dr	Upper Elementary
7600	86	15A	18 Corey Rd	High School
8101	22	15A	160 Wolfe Rd	Vehicle Terminal
5401	9	15B	26 Main Rd	Flanders School
2	17	15C	North Rd	Railroad
3	1	15C	North Rd	Railroad
3	2	15C	Class 11 Rr Longwood Br	Railroad
4	1	15C	Bartley Flanders Rd	Railroad
5	1	15C	Bartley Chester Rd	Railroad
6	1	15C	Bartley-Long Valley Rd	Railroad
104	3	15C	702 International Dr	Route 80
105	4	15C	250-1 Continental Dr Rear	Vacant Land
106	2.01	15C	26 Continental Dr	Well/Pump
106	4	15C	40 Continental Dr	Vacant Land
106	6	15C	2011 International Dr	Medial Strip
106	7	15C	1 Route 206	Vacant Land
106	8	15C	3 Route 206	Ftz Land Swap
201	1	15C	120 Continental Dr	Park
201	2	15C	120 Continental Dr	Vacant Land
201	3	15C	110 Continental Dr	Sewerage
201	4	15C	2011 International Dr	Thoroughfare
300	1	15C	200 Continental Dr	Park
301	1	15C	5000 Continental Dr	Park
301	4	15C	3100 Continental Dr	Vacant Land
400	4	15C	28/42 Camp Pulaski Rd	Former Mua
401	1	15C	3-85 Old Waterloo Rd	Former Mua
403	1	15C	180 Waterloo Valley Rd	Park
403	3	15C	204-1 Waterloo Valley Rd	Vacant Land
403	4	15C	204-2 Waterloo Valley Rd	Park
403	5	15C	204-3 Waterloo Valley Rd	Park
404	1	15C	201 Waterloo Valley Rd	Park
500	4	15C	Waterloo Valley Rd	Park/Firetower
500	6	15C	65 Station Rd	Park
500	7	15C	43-63 Station Rd	Park
500	8	15C	97 Waterloo Valley Rd	Muscon Riv Greenway
500	10	15C	64 Station Rd	Park
501	2	15C	105 Waterloo Valley Rd	Vacant Land
501	3	15C	111 Waterloo Valley Rd	Vacant Land
600	1	15C	1 Kinney Rd	Forest
600	2	15C	130 Waterloo Valley Rd	Vacant Land
600	3	15C	140 Waterloo Valley Rd	Vacant Land

700	1	15C	100 Waterloo Valley Rd	Park
700	6	15C	98-4 Waterloo Valley Rd	Park
700	7	15C	98-5 Waterloo Valley Rd	Allamuchy State Park
700	9	15C	18-1 Waterloo Valley Rd	Park
700	10	15C	18-2 Waterloo Valley Rd	Un-Recorded Deed
701	1	15C	96 Waterloo Valley Rd	Tax Lien Foreclosure
701	2	15C	94 Waterloo Valley Rd	Land
701	3	15C	90 Waterloo Valley Rd	Park
701	7	15C	20 Waterloo Valley Rd	Park
701	7.01	15C	18 Waterloo Valley Rd	Park
701	8	15C	14 Waterloo Valley Rd	Park
701	12	15C	2 Waterloo Valley Rd	Park
800	1	15C	3 Waterloo Valley Rd	Park
800	2	15C	27 Waterloo Valley Rd	Park
800	4	15C	49 Waterloo Valley Rd	Musc River Greenway
800	5	15C	49-1 Waterloo Valley Rd	Musc River Greenway
800	6	15C	10-1 Natalie Dr	Farm
800	7	15C	11-1 Waterloo Valley Rd	Vacant Land
800	32	15C	1 Dorset Dr	Tax Lien Foreclosure
800	32.05	15C	11 Dorset Dr	Tax Lien Foreclosure
800	32.11	15C	23 Dorset Dr	Tax Lien Foreclosure
801	1	15C	10 Dorset Dr	Tax Lien Foreclosure
900	42	15C	198 Smithtown Rd	Park/Wetlands
900	44	15C	12 Hemlock Dr	Park
900	52	15C	134 Smithtown Rd	Vacant Land
900	59	15C	78 Stephens Park Rd	Park/Newfane
910	6	15C	11 Meadow Ln	Detention Basin
910	7	15C	376 Sand Shore Rd	Greenhills South
1103	6	15C	10 Natalie Dr	Park
1200	1	15C	104 Crease Rd	Park
1200	2	15C	102 Crease Rd	Park
1200	9	15C	28 Station Rd	Park
1201	1	15C	91 Crease Rd	Park
1201	8	15C	67 Crease Rd	Park
1201	9	15C	41 Crease Rd	Park
1300	18	15C	5 Brook St (Paper)	Tax Lien Foreclosure
1300	28	15C	20 Budd Lake Heights Rd	Park
1300	29	15C	51 Station Rd	Park
1300	40	15C	18-1 Lozier Rd	Park
1300	55.01	15C	Ike Rd Rear	Park
1300	56	15C	36 Firetower Rd	Park
1300	65	15C	46 Lozier Rd	Park
1300	67	15C	52 Lozier Rd	Park
1300	68	15C	54 Lozier Rd	Park
1300	69	15C	56 Lozier Rd	Park
1400	21	15C	11 Budd Lake Heights Rd	Park
1400	26	15C	39 Budd Lake Heights Rd	Park
1402	11	15C	30 Alcrest Ave	Stream Corridor
1402	23	15C	11 Camelot Dr	Well Site

1500	6	15C	11 Glenside Dr Rear	Well
1500	28	15C	222 Sand Shore Rd	Foreclosure
1503	19	15C	4 Arrowhead Trl	Tax Lien Foreclosure
1600	2	15C	12 Wampum Trl	Wetlands
1600	3	15C	9 Iroquois Trl	Wetlands
1600	4	15C	7 Iroquois Trl	Tax Lien Foreclosure
1600	7	15C	1 Iroquois Trl	Wetlands
1600	8	15C	258 Sand Shore Rd	Park
1600	9	15C	260 Sand Shore Rd	Wetlands
1600	10	15C	8 Wampum Trl	Wetlands
1600	11	15C	16 Wampum Trl	Wetlands
1601	1	15C	17 Wampum Trl	Wetlands
1601	4	15C	7 Wampum Trl	Wetlands
1601	5	15C	5 Wampum Trl	Wetlands
1601	6	15C	3 Wampum Trl	Wetlands
1601	7	15C	1 Wampum Trl	Park
1601	10	15C	35 Iroquois Trl	Tax Lien Foreclosure
1602	1	15C	9 Deer Skin Trl	Wetlands
1602	2	15C	3 Deerskin Trl	Wetlands
1602	3	15C	1 Deer Skin Trl	Wetlands
1602	6	15C	8 Algonquin Trl	Open Space
1602	8	15C	16 Algonquin Trl	Park
1602	9	15C	39 Iroquois Trl	Park
1603	1	15C	5 Algonquin Trl	Wetlands
1603	2	15C	7 Algonquin Trl	Wetlands
1603	4	15C	272 Sand Shore Rd	Wetlands
1604	2	15C	9 Sioux Trl	Wetlands
1604	6	15C	6 Erie Trl	Park
1605	1	15C	24 Mohawk Trl	Wetlands
1605	6	15C	280 Sand Shore Rd	Tax Lien Foreclosure
1606	2	15C	48 Iroquois Trl	Wetlands
1606	3	15C	52 Iroquois Trl	Wetlands
1606	6	15C	64 Mohawk Trl	Foreclosure
1607	4	15C	14 Lenape Trl	Wetlands
1607	6	15C	20 Lenape Trl	Vacant Land
1607	7	15C	22 Lenape Trl	Wetlands
1800	15	15C	12 Cardinal Ln	Water Supply
1800	37	15C	131 Crease Rd	Drainage
1801	1	15C	17 Lenape Trl	Wetlands
1801	3	15C	9 Lenape Trl	Wetlands
1801	6	15C	17-1 Lenape Trl	Park
1801	21	15C	35 Camelot Dr	Water Tower/Wooded
2000	8	15C	70-1 Smithtown Rd Path	10 Ft Walkway
2001	6	15C	35-1 Ridge Rd	10 Ft Walkway
2100	3	15C	29 Mohawk Trl	Wetlands
2100	13	15C	10 Academy Ln	Well
2100	33	15C	34 Indian Spring Rd	Park
2200	26	15C	27 Wilstow Rd	Drainage
2200	33	15C	25-1 Tamarack Rd	Drainage

2209	5	15C	6 Whippoorwill Rd	Tax Lien Foreclosure
2209	6	15C	8 Whippoorwill Rd	Tax Lien Foreclosure
2210	7	15C	18 Chickadee Rd	Tax Lien Foreclosure
2211	4	15C	11-1 Chickadee Rd	Drainage
2212	3	15C	47 Falcon Dr	Land
2212	7	15C	55 Falcon Dr	Steep Slopes
2213	6	15C	50 Manor House Rd	Steep Slopes
2300	2	15C	6 Smithtown Rd	Tax Lien Foreclosure
2300	3	15C	9 Myrtle Rd	Park
2300	4	15C	5 Myrtle Rd	Park
2300	6	15C	1 Myrtle Rd	Park
2300	7	15C	60 Manor House Rd	Park
2300	8	15C	376 Route 46	Wetlands
2301	7	15C	11 Ridgewood Rd	Wooded
2301	8	15C	9 Ridgewood Rd	Wooded
2301	9	15C	Ridgewood Rd	Wooded
2301	10	15C	Ridgewood Rd	Wooded
2301	16	15C	13 Ridgewood Rd	Park
2302	3	15C	10 Essex Rd	Park
2305	3	15C	16 Myrtle Rd	Wetlands
2305	4	15C	21 Stonehouse Rd	Park
2305	6	15C	19 Stonehouse Rd	Wetlands
2306	1	15C	10 Myrtle Rd	Wetlands
2400	1	15C	2 St James Rd	Vacant Land
2403	7	15C	5 St James Rd	Land
2404	2	15C	16 St James Rd	Tax Lien Foreclosure
2404	3	15C	14 St James Rd	Land
2408	1	15C	4 St Pauls Rd	Vacant Land
2408	2	15C	6 St Pauls Rd	Park
2409	1	15C	3 St Pauls Rd	Park
2410	3	15C	6 St James Rd	Vacant Land
2411	1	15C	3 St James Rd	Park
2412	1	15C	4 St James Rd	Park
2413	1	15C	1 St Pauls Rd	Park
2507	2	15C	6 Pine Grove Rd	Park
2507	7	15C	31 Dogwood Dr	Foreclosure
2508	1	15C	295 Sand Shore Rd	Park
2509	1	15C	5 Lake Shore Dr	Park
2510	2	15C	49 Lake Shore Dr	Park
2510	3	15C	45 Lake Shore Dr	Park
2514	1	15C	54 Babs Rd	Tax Lien Foreclosure
2600	1	15C	289 Sand Shore Rd	Park
2601	1	15C	6 Thirty Third St	Park
2602	2	15C	7 Thirty Third St	Park
2603	2	15C	6 Thirty First St	Park
2604	3	15C	7 Warren Dr	Forest
2604	4	15C	9 Warren Dr	Forest
2700	4	15C	300 Route 46	Mun Bldg/Beach
2700	4.01	15C	300-1 Route 46	Park

2700	5	15C	20 Lake Shore Dr	Bog
2700	13	15C	18 Toboggan Hill Rd	Park
2700	14	15C	7 Lake Shore Dr	Park
2700	16	15C	4 Warren Dr	Park
2700	17	15C	2 Warren Dr	Park
2700	19	15C	275 Sand Shore Rd	Park
2700	20	15C	267 Sand Shore Rd	Open Space
2700	21	15C	267 Sand Shore Rd	Park
2700	23	15C	205 Sand Shore Rd	Tax Lien Foreclosure
2700	25	15C	201 Sand Shore Rd	Park
2700	26	15C	183 Sand Shore Rd	Park
2700	27	15C	163 Sand Shore Rd	Park
2700	50	15C	100 Sand Shore Rd	Park
2700	52	15C	92 Sand Shore Rd	Park
2700	55	15C	76 Sand Shore Rd	Water & Land
2700	63	15C	52 Sand Shore Rd	Tax Lien Foreclosure
2700	66	15C	10-4 Sand Shore Rd	Water-Land
2700	75	15C	280 Route 46	Lake And Bog
2700	76	15C	290 Route 46	Lake & Beach
2801	15.01	15C	78-1 Lozier Rd	Park
2801	29	15C	65 Waterloo Rd	Park
2801	34	15C	178 Sand Shore Rd	Park
2801	40	15C	27 Waterloo Rd	Park
2801	41	15C	25 Waterloo Rd	Park
2801	48	15C	5 Fourth St	Park
2801	49	15C	1 Fourth St	Park
2801	51	15C	13 Hume Dr	Drainage
2801	52	15C	9 Hume Dr	Tax Lien Foreclosure
2801	55	15C	110 Sand Shore Rd	Park
2801	55	15C	110 Sand Shore Rd	Park
2801	66	15C	8 Lakeview Ave	Park
2801	68	15C	120 Sand Shore Rd	Park
2802	19	15C	6 Mohawk Trl	Park
2900	3	15C	64 Waterloo Rd	Park
2901	1	15C	1 Oneida Trl	Park
2902	1	15C	1 Seneca Trl	Park
2903	2	15C	58 Waterloo Rd	Park
2903	3	15C	1 Ononaga Trl	Park
2904	1	15C	2 Seneca Trl	Park
2905	1	15C	56 Waterloo Rd	Park
2905	3	15C	8 Cayuga Trl	Park
2905	11	15C	7-1 Eisenhower Dr	Park
2906	1	15C	62 Third St	Park
3003	7	15C	25 Third St	Drainage
3102	22	15C	3 N Rose Ln	Tax Lien Foreclosure
3103	1	15C	2 Hume Dr	Sewer Project
3103	3	15C	4 Hume Dr	Sewer Project
3103	5	15C	6 Hume Dr	Sewer Project
3203	21	15C	20 Stonewald Ct Dr	Vacant Land

3203	28	15C	23 Stonewald Ct Dr	Residence
3207	12	15C	12 S Rose Ln	Park
3305	15	15C	220 Route 46	Foreclosure
3305	18	15C	226 Route 46	Foreclosure
3305	25	15C	55 Center St Rear	Tax Lien Foreclosure
3305	30	15C	38 High St	Tax Lien Foreclosure
3306	9	15C	3 Baker Ln Rear	Foreclosure
3309	12	15C	11 Anderson Pl	Tax Lien Foreclosure
3501	4	15C	64-86 Mt Olive Rd	Vacant Land
3501	33	15C	4 Evergreen Pkwy	Water Tower
3507	1	15C	35 Timberline Rd	Foreclosure
3509	11	15C	35 Tulip Ave	Tax Lien Foreclosure
3513	9	15C	56-1 Mt Olive Rd	Foreclosure
3606	2	15C	1 Wilson St	Vacant Land
3607	11	15C	23 Carson Rd	Well Site
3700	5	15C	245 Route 46	Park
3700	15	15C	243 Route 46	Open Space
3700	16	15C	241 Route 46	Open Space
3700	17	15C	3 Spring St	Open Space
3700	20	15C	225 Route 46	Park
3700	26	15C	215 Route 46	Park
3700	31	15C	8-1 Mt Olive Rd	Park
3700	35	15C	16 Mt Olive Rd	Park
3700	41	15C	8 Colonial Rd	Park
3700	42	15C	5 Spring St	Park
3700	42.01	15C	4 Spring St	Park
3700	55	15C	30 Foothill Ave	Park
3700	56	15C	2 Tulip Ave	Tulip Park
3700	73	15C	26 Foothill Ave	Park
3700	74	15C	24 Foothill Ave	Park
3700	82	15C	5 Kingden St	Park
3700	83	15C	1 Kingden St	Park
3700	89	15C	6 Brook St	Park
3700	90	15C	16 Brook St	Park
3701	1	15C	2 Cove St	Island
3801	9	15C	38 Stokes Ave	Vacant Land
3802	9	15C	40 Woodbine Ave	Vacant Land
3804	3	15C	45 Madison Ave	Vacant Land
3808	3	15C	5 Flanders Rd	Vacant Land
3809	1	15C	209 Route 46	Traffic Triangle
3905	4	15C	73 Madison Ave	Tax Lien Foreclosure
3906	1	15C	2 Kishpaugh Ave	Park
4003	12.01	15C	43 Gold Mine Rd	Tax Lien Foreclosure
4100	11	15C	111 Gold Mine Rd	Park
4100	12.33	15C	3 Tanglewood Way	Open Space
4100	77	15C	21 Chamberlain Ln	Vacant Land
4100	89	15C	44 Old Budd Lake Rd	Park
4100	113	15C	21 Ringenbach Ln	Vacant Land
4101	1	15C	45 Route 46	Route 46 & Old Budd

4117	24	15C	1 Gold St	Park
4117	42	15C	14 E Forest Rd	Park
4300	8	15C	33 Old Ledgewood Rd	Vacant Land
4400	4	15C	175 Flanders Rd	Vacant Land
4400	9	15C	161 Flanders Rd	Turkey Brook Park
4400	10	15C	157 Flanders Rd	Tax Lien Foreclosure
4400	18	15C	74 Stokes Ave Rear	Well Site
4400	26	15C	159 Flanders Rd	Turkey Brook Pk
4400	45	15C	3 Madison Ave	Park
4400	49	15C	7 Mt Olive Rd	Park
4400	51	15C	1 Mt Olive Rd	Post Office
4400	69	15C	32 Gold Mine Rd	Park
4400	70	15C	32 Gold Mine Rd	Park
4400	82	15C	100 Gold Mine Rd	Park
4400	86.02	15C	47 Sovereign Dr	Vacant Land
4400	111	15C	86 Gold Mine Rd	Vacant Land
4500	8	15C	155 Flanders-Netcong Rd	Open Space Purchase
4500	29	15C	48 Drakedale Rd	Vacant Land
4500	31.06	15C	12 Arrow Ct	Detention Basin
4500	34	15C	110 Route 206	Park
4600	1	15C	117 Route 206	Park
4600	1.01	15C	1 Patricia Dr	Park
*4600	2	15C	123 Route 206	Park
4600	8	15C	135 Route 206	Tax Lien Foreclosure
4600	12	15C	0 Roxbury Border	N.A.
4600	15	15C	1 Oakwood Dr	Water Plant
4600	32	15C	Roxbury Border	Vacant Land
4600	34	15C	185-1 Route 206 Rear	Tank Site
4701	12	15C	221-1 Flanders-Netcong Rd	Water Treatment Plnt
4701	27.01	15C	4 Fells Ln	Well
5000	1	15C	17 Warwick Rd	Park
5000	7	15C	186 Route 206	Island
5000	11	15C	158 Route 206	Park
5000	12	15C	148 Route 206	Park
5000	26	15C	116 Route 206	Vacant Land
5000	94	15C	239 Flanders-Netcong Rd	Drainage
5002	2	15C	65 Flanders-Drakestown Rd	Drainage
5010	15	15C	10 Warwick Rd	Drainage
5200	4	15C	43 Corey Rd	Park
5201	10	15C	44-1 Corey Rd	Park
5201	10	15C	44-1 Corey Rd	Park
5202	11	15C	44-1 Corey Rd	Park
5300	8	15C	222 Route 206	Park
5300	8.01	15C	222 Route 206	Park
5300	51	15C	175 Tinc Rd	Vacant Land
5300	55.22	15C	6 Courtney Dr	Detention Basin
5401	9.01	15C	26-1 Main Rd	Schools
5401	24	15C	201 Route 206	Vacant Land
5900	1	15C	121 Pleasant Hill Rd	Vacant Land

5900	2	15C	1 Pleasant Hill Rd	Golf Course
5900	6.01	15C	33 Ironia Rd	Park
5900	9	15C	39 Ironia Rd	Vacant Land
5900	10	15C	41 Ironia Rd	Open Space
6000	1	15C	22 Pheasant Ct	Park
6000	2	15C	1 Fox Pl	Tax Lien Foreclosure
6000	3	15C	22-1 Pheasant Ct	Park
6000	5.3	15C	70 Pleasant Hill Rd	
6000	6	15C	90 Pleasant Hill Rd	Land Sale
6000	12	15C	40 Flanders-Bartley Rd	Park
6000	12.03	15C	40 Flanders-Bartley Rd	Recreation
6000	12.04	15C	40 Flanders-Bartley Rd	Recreation
6100	29	15C	293 Route 206	Pumping Station
6106	1	15C	280 Route 206	Island
6208	48	15C	47-1 Biscay Dr	10 Ft Walkway
6208	66	15C	102 Clover Hill Dr	Park
6208	76	15C	17-1 Burnham Pl	10 Ft Walkway
6208	79	15C	17-2 Burnham Pl Rear	Tax Lien Foreclosure
6300	13	15C	335 Route 206	Vacant Land
6300	14	15C	5 Glendale Rd	Park
6300	15	15C	335 Route 206	Vacant Land
6304	33	15C	95 Clover Hill Dr	Dan Jordan Park
6400	22	15C	349 Route 206	Vacant Land
6500	37	15C	355 Route 206	Park
6500	38	15C	363 Route 206	Sewerage Disposal
6502	6	15C	8 Hermanne Dr	Tax Lien Foreclosure
6502	7	15C	371 Route 206	Park
6600	3	15C	105 Duffy Rd	Park
6600	11	15C	0-1 Bartley Rd Rear	Park
6600	12	15C	0-2 Bartley Rd Rear	Park
6600	14	15C	0 Class 11 R.R.	Railroad
*6700	1	15C	681 Bartley-Long Valley R	Vacant Land
6700	10	15C	693 Bartley Rd	Railroad
6800	1	15C	284 Route 206	Pumping Station
6800	13	15C	650 Bartley-Chester Rd	Vacant Land
6802	1	15C	282 Route 206	N.A.
6803	1	15C	278 Route 206	Island
6900	9.01	15C	531-553 Drakestown Rd	Park
6900	26	15C	22 Bartley Rd	Tax Lien Foreclosure
6900	33	15C	36 Bartley Rd	Park
6900	36	15C	0-3 Bartley Rd	Park
6900	37	15C	0-4 Bartley Rd	Vacant Land
7000	21	15C	496 Drakestown Rd	Park
7000	63	15C	9 Shop Ln	Vacant Land
7100	4	15C	186 Tinc Rd	Tax Lien Foreclosure
7100	9	15C	172 Tinc Rd	Tax Lien Foreclosure
7100	53	15C	13 Natures Ct	Park
7102	7	15C	23 Whispering Woods Dr	Drainage
7200	21	15C	12 David Pl	Detention Basin

7200	27.03	15C	6 Deborah Ct	Drainage
7201	19	15C	0 Pedestrian Walkway	20 Ft. R.O.W.
7400	19	15C	5-1 Sharon Ct	Walkway
7400	23	15C	75 Kevin Dr	Park
7400	33	15C	7 Bennington Dr	Park
7500	6	15C	5 Gail Dr	Central Water System
7501	7	15C	72-1 Kevin Dr	Walkway
7600	3	15C	93 Flanders-Drakestown Rd	Tax Lien Foreclosure
7600	48	15C	Open Space Lot	Park
7600	64	15C	113 Mt Olive Rd	Park
7600	65	15C	109 Mt Olive Rd	Park
7600	71	15C	30 Flanders Rd	Turkey Brook Park
7600	74	15C	100 Flanders Rd	Turkey Brook Park
7600	87.12	15C	13 School House Ln	Park & Drainage
7600	87.17	15C	20-1 Corey Rd Rear	Park
7600	89	15C	100-2 Flanders Rd Rear	Park
7600	114	15C	173 Flanders-Drakestown R	Pumping Station
7600	147	15C	12 Fernwood Ct Rear	Water Plant
7610	4	15C	55 Vista Dr Open Space	Park
7700	6	15C	381 Route 46	Park
7701	4	15C	345 Route 46	Vacant Land
7702	1	15C	18 Wolfe Rd	Vacant Land
7702	9	15C	10 Carteret Ave	Well Site
7702	15	15C	0-2 Carteret Ave	Tax Lien Foreclosure
7702	16	15C	7 Salmon Ct Open Space	Vacant Land
7702	16.01	15C	0-2 Open Space	Vacant Land
7702	16.32	15C	14 Mckelvie St Det Basin	Vacant Land
7702	16.35	15C	17 Mckelvie St Open Spac	Vacant Land
7702	26	15C	Detention Basin A	Vacant Land
7703	10	15C	7 Elwell Ave Open Space	Vacant Land
7704	41	15C	337 Route 46	Tax Lien Foreclosure
7801	5	15C	54 Wolfe Rd	Park
7801	8	15C	157 Flanders-Drakestown R	Park
7801	13	15C	191 Flanders-Drakestown R	Park
7801	14	15C	131 Flanders-Drakestown R	Hist/Church/Cemetery
7801	41	15C	Mt. Olive Rd	Park
7900	3.01	15C	202 Flanders-Drakestown R	Government Owned
7900	18	15C	204 Flanders-Drakestown R	Municipal Bldg
8000	8	15C	10 Shop Ln	Vacant Land
8100	3.01	15C	355 River Rd	Vacant Land
8100	54	15C	441 Route 46	Park
8100	55	15C	439 Route 46	Park
8100	61	15C	427 Route 46	Vacant Land
8101	28	15C	150 Wolfe Rd	Mt Olive Library
8200	1	15C	342 Route 46	Vacant Land
8200	39	15C	6 Kobert Ave	Open Space
8300	12	15C	444 Sand Shore Rd	Vacant Land
8300	15	15C	508 Mine Hill Rd	Park
8300	17.01	15C	200 Mine Hill Rd	Park

8400	21	15C	497 Route 46	Tax Lien Foreclosure
8500	22	15C	105 Mine Hill Rd	Park
8500	23	15C	8 River Dr	Park
8500	27	15C	32 Parkway Dr	Park
8601	6	15C	173 Mine Hill Rd	Foreclosure
8800	1	15C	230 Stephens Park Rd	Park
8800	2	15C	171 Stephens Park Rd	Park
8800	22	15C	44 Mine Hill Rd	Park
8800	36.24	15C	31 Saunders Ln	Park
8800	36.45	15C	65 Saunders Ln Op Space	Park
8802	9	15C	28 Saunders Ln Op Space	Park
1500	9	15D	17 Glenside Dr	Group Home
2407	2	15D	23 Lake Shore Dr	Pax Amicus
2700	72	15D	54 Sand Shore Rd	Parsonage
2911	3	15D	32 Waterloo Rd	Parsonage
3306	1	15D	54 Sand Shore Rd	Budd Lake Union Chap
3306	8	15D	48 Sand Shore Rd	Parsonage
3307	1	15D	54 Sand Shore Rd	Chapel
3400	12	15D	305 Route 46	Church
3807	1	15D	17 Mt Olive Rd	Church
3807	2	15D	21 Mt Olive Rd	Rectory
3807	4	15D	27 Mt Olive Rd	Residence
4100	109	15D	12 Ringenbach Ln	Nursing Home
4400	75	15D	44 Gold Mine Rd	Residence
4500	27	15D	58 Drakedale Rd	Church
5300	18	15D	240 Route 206	Administrative Bldg.
5300	31	15D	104 Bartley-Flanders Rd	Parsonage
5300	58	15D	60 Tinc Rd	Rectory
5400	22	15D	76 Main Rd	Church
5400	24	15D	50 Flanders-Bartley Rd	Hope Baptist Church
5501	17.01	15D	4 Park Pl	Church
5501	19	15D	8 Park Pl	Parsonage
5800	39	15D	59-61 Main Rd	Parish/Rectory Hse
5800	41	15D	59-61 Main Rd	Park
6000	11	15D	58 Pleasant Hill Rd	Synagogue
7100	1	15D	6 River Rd	Mental Health Facili
7600	84	15D	208 Flanders-Netcong Rd	Camp
7900	3	15D	200 Flanders-Drakestown R	Church
8200	4	15D	354 Route 46	Church
8200	4	15D	354 Route 46	Church
8200	19	15D	369 Sand Shore Rd	Church
8400	3	15D	6 Naughright Rd	Church
8400	4	15D	8 Naughright Rd	Parsonage
8400	10	15D	493 Route 46	Church
8602	2	15D	16 Parkway Dr	Church
800	32.16	15F	35 Dorset Dr	Disabled Veteran
802	1	15F	63 Karen Pl	Disabled Veteran
1000	1	15F	159 Smithtown Rd	Disabled Veteran
1201	11	15F	43 Budd Lake Heights Rd	Disabled Veteran

1300	38	15F	16 Lozier Rd	Disabled Veteran
1502	6	15F	10 Louis Dr	Disabled Veteran
1503	1	15F	7 Louis Dr	Disabled Veteran
1503	12	15F	1 Locust St	Residence
1607	1	15F	38 Iroquois Trl	Disabled Veteran
1701	20	15F	40 Camelot Dr	Disabled Veteran
1800	1	15F	45 Indian Spring Rd	Disabled Veteran
2300	9	15F	378 Route 46	Fire House
2306	2	15F	8 Myrtle Rd	Disabled Veteran
2505	12	15F	1 Manor House Rd	Disabled Veteran
2507	1	15F	1 Dogwood Dr	Handicapped Home
2801	8	15F	72 Lozier Rd	100% Disabled Vet
2802	3	15F	127 Lozier Rd	Disabled Veteran
3106	8	15F	29 Netcong Rd	Disabled Veteran
3106	20	15F	35 Netcong Rd	Disabled Veteran
3203	18	15F	10 Stonewald Ct Dr	Disabled Veteran
3307	5	15F	20 Church St	Disabled Veteran
3506	4	15F	14 Elm St	Disabled Veteran
3601	11	15F	6 Carson Rd	Disabled Veteran
3900	3	15F	77 Flanders Rd	Humane Society
4100	119	15F	100 International Dr S	Clubhouse
4200	6	15F	34 Old Ledgewood Rd	Disabled Veteran
4402	2	15F	18 Sovereign Dr	Disabled Veteran
4407	11	15F	3 Pfrommer Ave	Disabled Veteran
4411	46	15F	15 Tutbury Ct	Disabled Veteran
4500	4	15F	119 Flanders-Netcong Rd	Transfer Station
4500	5	15F	129 Flanders-Netcong Rd	Transfer Station
4701	11	15F	221 Flanders-Netcong Rd	Disabled Veteran
5000	46	15F	20 Richard Dr	Disabled Veteran
5002	33	15F	268 Flanders-Netcong Rd	Disabled Veteran
5010	6	15F	6 Kent Ct	Disabled Veteran
5500	10	15F	27 Main Rd	Volunteer Fire Co
5501	14	15F	6 Railroad Ave Rear	Club House
6000	5.023	15F	44 Drake Way	Disabled Veteran
6000	5.064	15F	40 Gordon Way	Disabled Veteran
6000	5.092	15F	70 Pleasant Hill Rd	Coah Apartments
6000	5.154	15F	43 Gordon Way	Disabled Veteran
6000	5.168	15F	7 Gordon Way	Disabled Veteran
6000	12.01	15F	49-51 Flanders Bartley Rd	Sc Rental Tax Law
6100	9	15F	23 Deerfield Pl	Disabled Veteran
6102	2	15F	3 Collingswood Pl	Disabled Veteran
6207	8	15F	16 Rehoboth Rd	Disabled Veteran
7302	9	15F	18 Kevin Dr	Disabled Veteran
7610	15	15F	31 Vista Dr	Disabled Veteran
7701	1	15F	365 Route 46	Rescue Squad
7801	4	15F	31 Tudor Pl	Disabled Veteran
8103	91	15F	93 Wolfe Rd	NJ Vasa Home
8200	28	15F	11 Oxford Rd	Disabled Veteran
8400	9	15F	425 Route 46	Paragon Development

8600	23	15F	29 Parkway Dr	Disabled Veteran
8602	19	15F	4 Francis Ter	Disabled Veteran
8800	5	15F	163 Stephens Park Rd	Disabled Veteran
8800	36.17	15F	19 Saunders Ln	Disabled Veteran
8801	6	15F	32 Powhatatan Way	Disabled Veteran

*Only a portion of the parcel is within the Mount Olive Township boundary

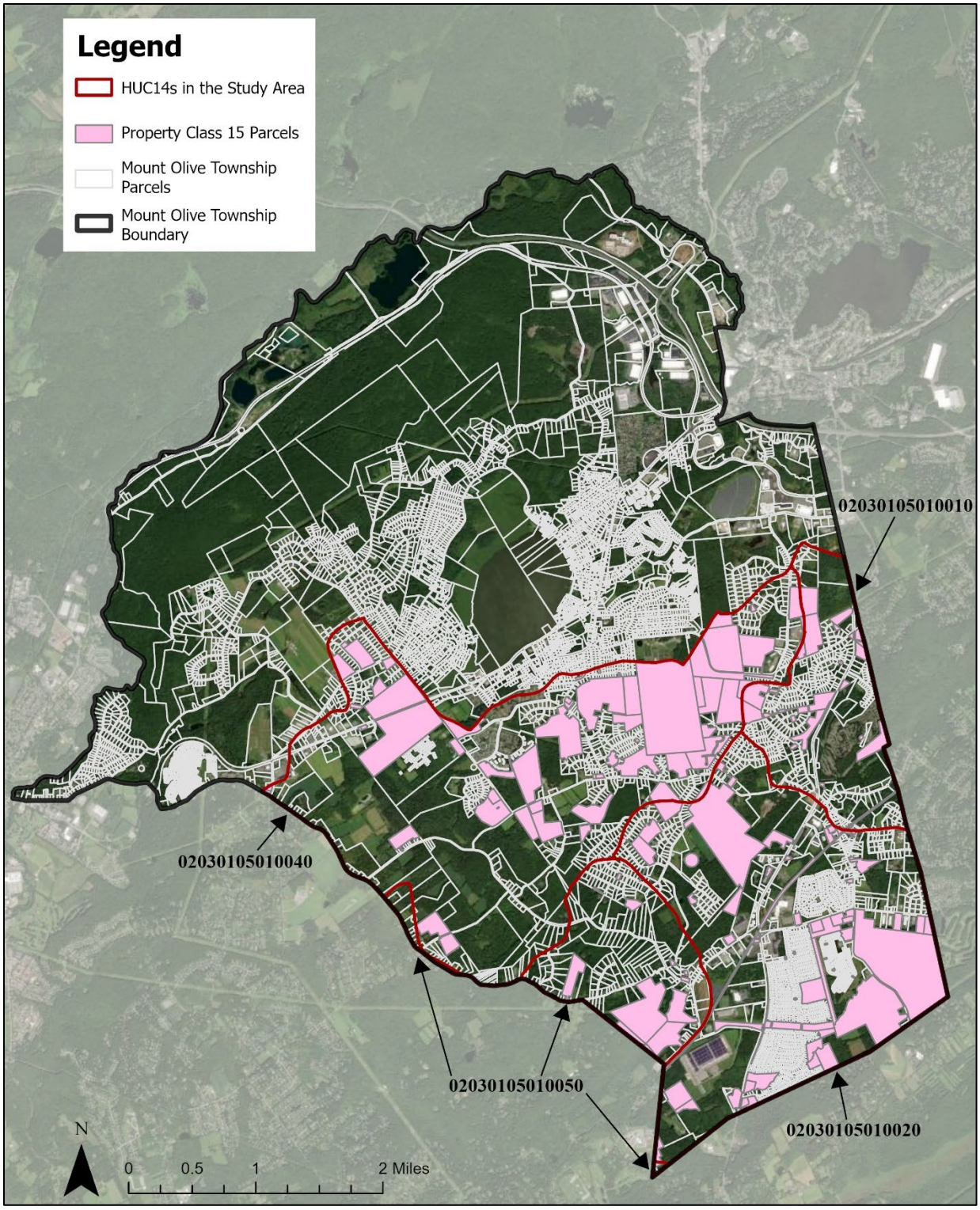


Figure 11: Property Class 15 parcels in the Study Area of Mount Olive Township

Table 10: Property Class 15 Parcels in the Study Area of Mount Olive Township

Block	Lot	Prop Class	Location	Facility Type
***900**[1]	**12**	**15A**	**386 Sand Shore Rd**	**Sandshore School**
5401	21	15A	227 Route 206	Schools
***6208**	**24**	**15A**	**120 Clover Hill Dr**	**Mt View & Mt View N**
6600	10.01	15A	0-1 Fourbridges Rd	High School
***7100**	**67**	**15A**	**24 Tinc Rd**	**Tinc Road School**
7600	70	15A	20 Sunset Dr	Upper Elementary
***7600**	**86**	**15A**	**18 Corey Rd**	**High School**
8101	22	15A	160 Wolfe Rd	Vehicle Terminal
5401	9	15B	26 Main Rd	Flanders School
2	17	15C	North Rd	Railroad
3	1	15C	North Rd	Railroad
3	2	15C	Class 11 Rr Longwood Br	Railroad
4	1	15C	Bartley Flanders Rd	Railroad
5	1	15C	Bartley Chester Rd	Railroad
6	1	15C	Bartley-Long Valley Rd	Railroad
910	6	15C	11 Meadow Ln	Detention Basin
910	7	15C	376 Sand Shore Rd	Greenhills South
2000[1]	8	15C	70-1 Smithtown Rd Path	10 Ft Walkway
2300[1]	2	15C	6 Smithtown Rd	Tax Lien Foreclosure
3501[1]	4	15C	64-86 Mt Olive Rd	Vacant Land
3607	11	15C	23 Carson Rd	Well Site
4400	4	15C	175 Flanders Rd	Vacant Land
4400[1]	9	15C	161 Flanders Rd	Turkey Brook Park
4400[1]	26	15C	159 Flanders Rd	Turkey Brook Pk
4500	8	15C	155 Flanders-Netcong Rd	Open Space Purchase
4500	29	15C	48 Drakedale Rd	Vacant Land
4500	31.06	15C	12 Arrow Ct	Detention Basin
4500	34	15C	110 Route 206	Park
4600	1	15C	117 Route 206	Park
4600	1.01	15C	1 Patricia Dr	Park
4600[2]	2	15C	123 Route 206	Park
4600	8	15C	135 Route 206	Tax Lien Foreclosure
4600	12	15C	0 Roxbury Border	N.A.
4600	15	15C	1 Oakwood Dr	Water Plant
4600	32	15C	Roxbury Border	Vacant Land
4600	34	15C	185-1 Route 206 Rear	Tank Site
4701	12	15C	221-1 Flanders-Netcong Rd	Water Treatment Plnt
4701	27.01	15C	4 Fells Ln	Well
5000	1	15C	17 Warwick Rd	Park
5000	7	15C	186 Route 206	Island
5000	11	15C	158 Route 206	Park
5000	12	15C	148 Route 206	Park
5000	26	15C	116 Route 206	Vacant Land
5000	94	15C	239 Flanders-Netcong Rd	Drainage
5002	2	15C	65 Flanders-Drakestown Rd	Drainage
5010	15	15C	10 Warwick Rd	Drainage

5200	4	15C	43 Corey Rd	Park
5201	10	15C	44-1 Corey Rd	Park
5201	10	15C	44-1 Corey Rd	Park
5202	11	15C	44-1 Corey Rd	Park
5300	8	15C	222 Route 206	Park
5300	8.01	15C	222 Route 206	Park
5300	51	15C	175 Tinc Rd	Vacant Land
5300	55.22	15C	6 Courtney Dr	Detention Basin
5401	9.01	15C	26-1 Main Rd	Schools
5401	24	15C	201 Route 206	Vacant Land
5900	1	15C	121 Pleasant Hill Rd	Vacant Land
5900	2	15C	1 Pleasant Hill Rd	Golf Course
5900	6.01	15C	33 Ironia Rd	Park
5900	9	15C	39 Ironia Rd	Vacant Land
5900	10	15C	41 Ironia Rd	Open Space
6000	1	15C	22 Pheasant Ct	Park
6000	2	15C	1 Fox Pl	Tax Lien Foreclosure
6000	3	15C	22-1 Pheasant Ct	Park
6000	5.3	15C	70 Pleasant Hill Rd	
6000	6	15C	90 Pleasant Hill Rd	Land Sale
***6000[3]**	**12**	**15C**	**40 Flanders-Bartley Rd**	**Park**
***6000[3]**	**12.03**	**15C**	**40 Flanders-Bartley Rd**	**Recreation**
***6000[3]**	**12.04**	**15C**	**40 Flanders-Bartley Rd**	**Recreation**
6100	29	15C	293 Route 206	Pumping Station
6106	1	15C	280 Route 206	Island
6208	48	15C	47-1 Biscay Dr	10 Ft Walkway
6208	66	15C	102 Clover Hill Dr	Park
6300	13	15C	335 Route 206	Vacant Land
6300	14	15C	5 Glendale Rd	Park
6300	15	15C	335 Route 206	Vacant Land
6304	33	15C	95 Clover Hill Dr	Dan Jordan Park
6400	22	15C	349 Route 206	Vacant Land
6500	37	15C	355 Route 206	Park
6500	38	15C	363 Route 206	Sewerage Disposal
6502	6	15C	8 Hermanne Dr	Tax Lien Foreclosure
6502	7	15C	371 Route 206	Park
6600	3	15C	105 Duffy Rd	Park
6600	11	15C	0-1 Bartley Rd Rear	Park
6600	12	15C	0-2 Bartley Rd Rear	Park
6600	14	15C	0 Class 11 R.R.	Railroad
6700[2]	1	15C	681 Bartley-Long Valley R	Vacant Land
6700	10	15C	693 Bartley Rd	Railroad
6800	1	15C	284 Route 206	Pumping Station
6800	13	15C	650 Bartley-Chester Rd	Vacant Land
6802	1	15C	282 Route 206	N.A.
6803	1	15C	278 Route 206	Island
6900	9.01	15C	531-553 Drakestown Rd	Park
6900	26	15C	22 Bartley Rd	Tax Lien Foreclosure
6900	33	15C	36 Bartley Rd	Park

6900	36	15C	0-3 Bartley Rd	Park
6900	37	15C	0-4 Bartley Rd	Vacant Land
7000	21	15C	496 Drakestown Rd	Park
7000	63	15C	9 Shop Ln	Vacant Land
7100	4	15C	186 Tinc Rd	Tax Lien Foreclosure
7100	9	15C	172 Tinc Rd	Tax Lien Foreclosure
7100	53	15C	13 Natures Ct	Park
7102	7	15C	23 Whispering Woods Dr	Drainage
7200	21	15C	12 David Pl	Detention Basin
7200	27.03	15C	6 Deborah Ct	Drainage
7201	19	15C	0 Pedestrian Walkway	20 Ft. R.O.W.
7400	19	15C	5-1 Sharon Ct	Walkway
7400	23	15C	75 Kevin Dr	Park
7400	33	15C	7 Bennington Dr	Park
7500	6	15C	5 Gail Dr	Central Water System
7501	7	15C	72-1 Kevin Dr	Walkway
7600	3	15C	93 Flanders-Drakestown Rd	Tax Lien Foreclosure
7600	48	15C	Open Space Lot	Park
7600	64	15C	113 Mt Olive Rd	Park
7600	65	15C	109 Mt Olive Rd	Park
***7600[1]**	**71**	**15C**	**30 Flanders Rd**	**Turkey Brook Park**
7600[1]	74	15C	100 Flanders Rd	Turkey Brook Park
7600	87.12	15C	13 School House Ln	Park & Drainage
7600	87.17	15C	20-1 Corey Rd Rear	Park
7600	89	15C	100-2 Flanders Rd Rear	Park
7600	114	15C	173 Flanders-Drakestown R	Pumping Station
7600	147	15C	12 Fernwood Ct Rear	Water Plant
7610	4	15C	55 Vista Dr Open Space	Park
7702[1]	1	15C	18 Wolfe Rd	Vacant Land
7702	9	15C	10 Carteret Ave	Well Site
7801	5	15C	54 Wolfe Rd	Park
7801	8	15C	157 Flanders-Drakestown R	Park
7801	13	15C	191 Flanders-Drakestown R	Park
7801	14	15C	131 Flanders-Drakestown R	Hist/Church/Cemetery
7801	41	15C	Mt. Olive Rd	Park
7900	3.01	15C	202 Flanders-Drakestown R	Government Owned
7900	18	15C	204 Flanders-Drakestown R	Municipal Bldg
8000	8	15C	10 Shop Ln	Vacant Land
8100	3.01	15C	355 River Rd	Vacant Land
8100	54	15C	441 Route 46	Park
8100	55	15C	439 Route 46	Park
8100	61	15C	427 Route 46	Vacant Land
8101	28	15C	150 Wolfe Rd	Mt Olive Library
8200	1	15C	342 Route 46	Vacant Land
8200	39	15C	6 Kobert Ave	Open Space
***4500**	**27**	**15D**	**58 Drakedale Rd**	**Church**
5300	18	15D	240 Route 206	Administrative Bldg.
5300	31	15D	104 Bartley-Flanders Rd	Parsonage
5300	58	15D	60 Tinc Rd	Rectory

***5400**	**22**	**15D**	**76 Main Rd**	**Church**
***5400**	**24**	**15D**	**50 Flanders-Bartley Rd**	**Hope Baptist Church**
***5501**	**17.01**	**15D**	**4 Park Pl**	**Church**
5501	19	15D	8 Park Pl	Parsonage
5800	39	15D	59-61 Main Rd	Parish/Rectory Hse
5800	41	15D	59-61 Main Rd	Park
***6000**	**11**	**15D**	**58 Pleasant Hill Rd**	**Synagogue**
7100	1	15D	6 River Rd	Mental Health Facili
7600	84	15D	208 Flanders-Netcong Rd	Camp
7900	3	15D	200 Flanders-Drakestown R	Church
8200	4	15D	354 Route 46	Church
8200	4	15D	354 Route 46	Church
8200	19	15D	369 Sand Shore Rd	Church
8400[1]	3	15D	6 Naughright Rd	Church
8400[1]	4	15D	8 Naughright Rd	Parsonage
3506[1]	4	15F	14 Elm St	Disabled Veteran
3601	11	15F	6 Carson Rd	Disabled Veteran
4402	2	15F	18 Sovereign Dr	Disabled Veteran
4701	11	15F	221 Flanders-Netcong Rd	Disabled Veteran
5000	46	15F	20 Richard Dr	Disabled Veteran
5002	33	15F	268 Flanders-Netcong Rd	Disabled Veteran
5010	6	15F	6 Kent Ct	Disabled Veteran
5500	10	15F	27 Main Rd	Volunteer Fire Co
5501	14	15F	6 Railroad Ave Rear	Club House
6000	5.023	15F	44 Drake Way	Disabled Veteran
6000	5.064	15F	40 Gordon Way	Disabled Veteran
6000	5.092	15F	70 Pleasant Hill Rd	Coah Apartments
6000	5.154	15F	43 Gordon Way	Disabled Veteran
6000	5.168	15F	7 Gordon Way	Disabled Veteran
6000	12.01	15F	49-51 Flanders Bartley Rd	Sc Rental Tax Law
6100	9	15F	23 Deerfield Pl	Disabled Veteran
6102	2	15F	3 Collingswood Pl	Disabled Veteran
6207	8	15F	16 Rehoboth Rd	Disabled Veteran
7302	9	15F	18 Kevin Dr	Disabled Veteran
7610	15	15F	31 Vista Dr	Disabled Veteran
7801	4	15F	31 Tudor Pl	Disabled Veteran
8103	91	15F	93 Wolfe Rd	NJ Vasa Home
8200	28	15F	11 Oxford Rd	Disabled Veteran

*** Sites that can be retrofitted with green infrastructure**

Only a portion of the parcel is within the study area

[2] Only a portion of the parcel is within the Mount Olive Township boundary

[3] Site includes three tax-exempt parcels

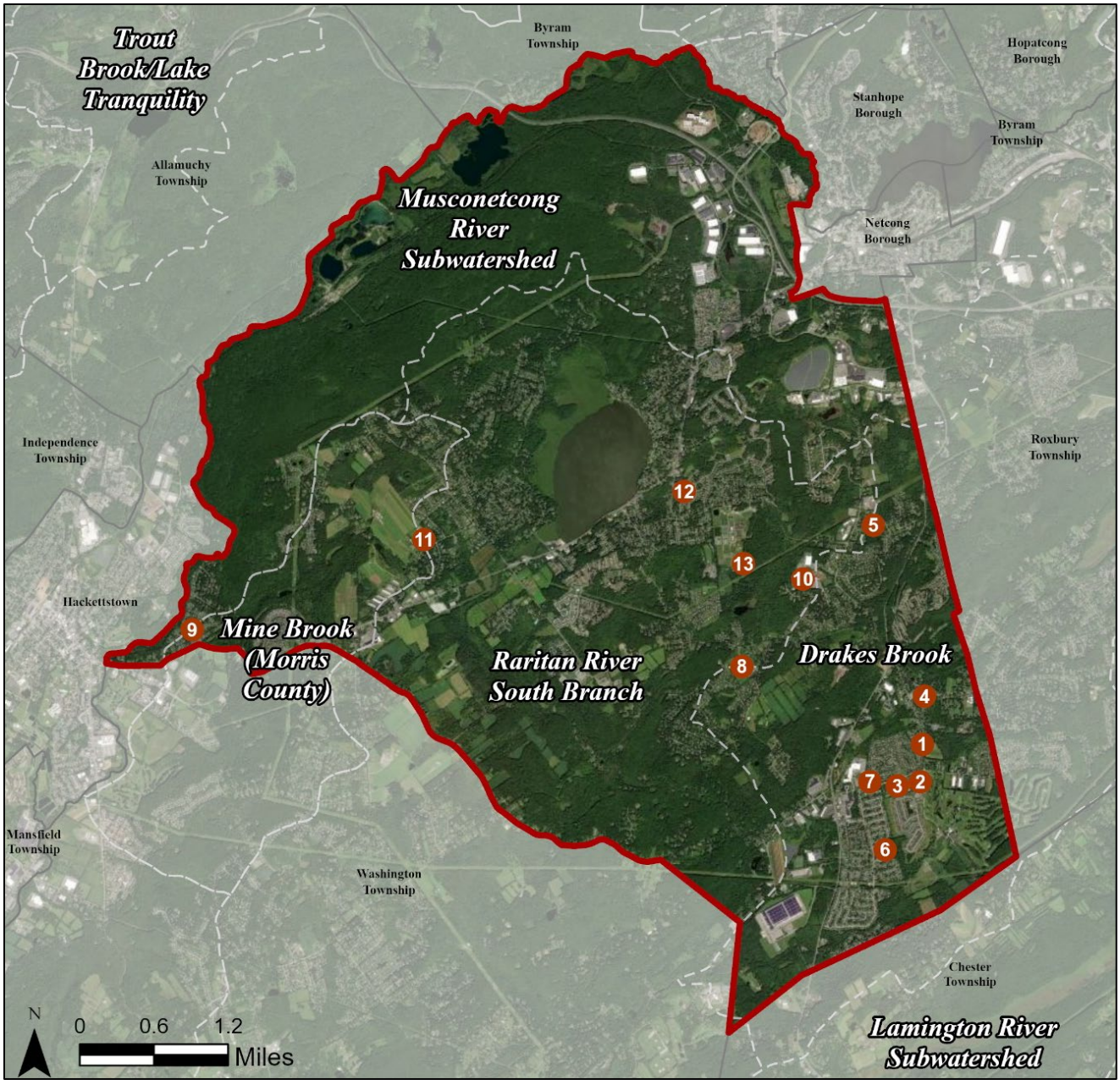


Figure 12: Sites with Green Infrastructure Opportunities in Mount Olive Township

CALVARY BIBLE CHAPEL

RAP ID: 1

Subwatershed: Drakes Brook

HUC14 ID: 02030105010020

Site Area: 37,042 sq. ft.

Address: 76 Main Street
Flanders, NJ 07836

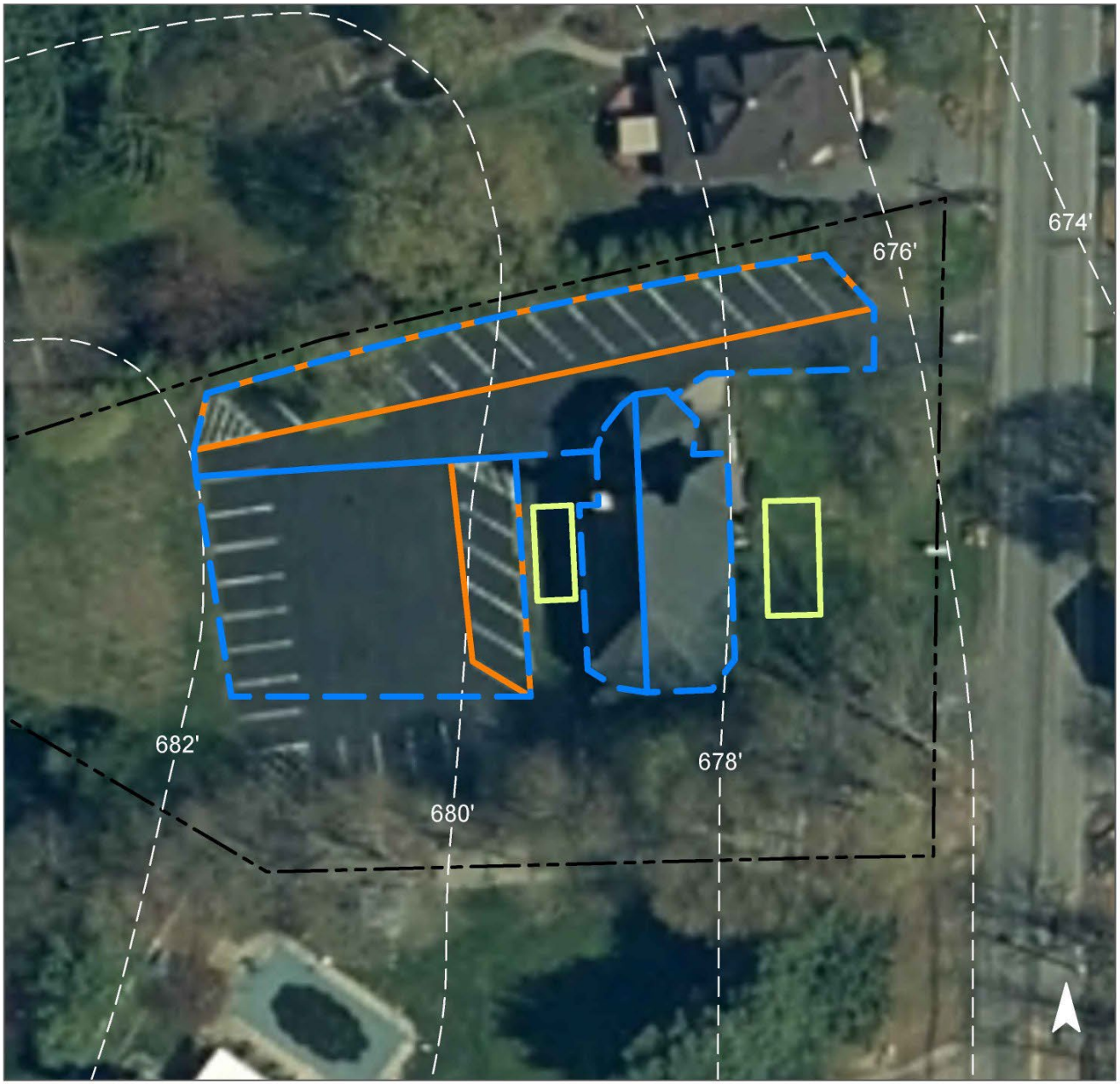
Block and Lot: Block 5400, Lot 22

Rain gardens can be installed to the east and west of the building to capture, treat, and infiltrate stormwater runoff from the rooftop. This will require the installation of a gutter system on the building. Existing parking spaces to the west and north of the building can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
45	16,792	0.8	8.5	77.1	0.013	0.52

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	2,635	0.078	11	5,500	0.21	660	$6,600
Pervious pavement	10,235	0.303	44	21,350	0.80	3,860	$96,500

GREEN INFRASTRUCTURE RECOMMENDATIONS



Calvary Bible Chapel

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 20' 40'

CHABAD JEWISH CENTER OF MT. OLIVE

RAP ID: **2**

Subwatershed: **Drakes Brook**

HUC14 ID: **02030105010020**

Site Area: **101,680 sq. ft.**

Address: **58 Pleasant Hill Road**
Flanders, NJ 07836

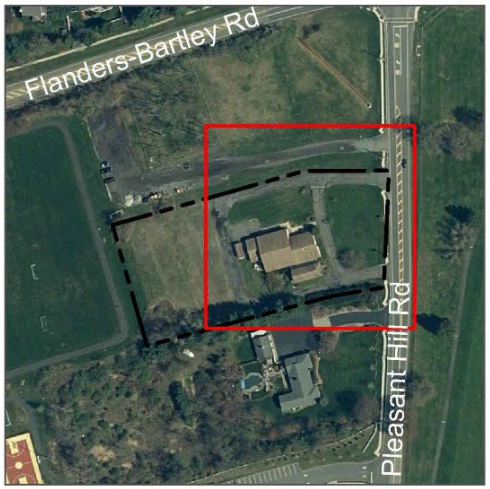
Block and Lot: **Block 6000, Lot 11**

Rain gardens can be installed to the north and east of the building to capture, treat, and infiltrate stormwater runoff from the rooftop and the driveway. This will require downspout redirections beneath the sidewalk and the driveway, as well as trench drains. A cistern can be installed to the northwest of the building to divert and detain the stormwater runoff from the rooftop for later non-potable reuse such as watering the landscaping vegetation. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
41	41,364	2.0	20.9	189.9	0.032	1.29

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	6,175	0.183	27	12,880	0.48	1,545	$15,450
Rainwater harvesting	380	0.011	2	300	0.01	300 (gal)	$900

GREEN INFRASTRUCTURE RECOMMENDATIONS



Chabad Jewish Center of Mt. Olive

- bioretention system
- rainwater harvesting
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 25' 50'

FLANDERS PARK

RAP ID: 3

Subwatershed: Drakes Brook

HUC14 ID: 02030105010020

Site Area: 830,055 sq. ft.

Address: 40 Flanders-Bartley Road
Flanders, NJ 07836

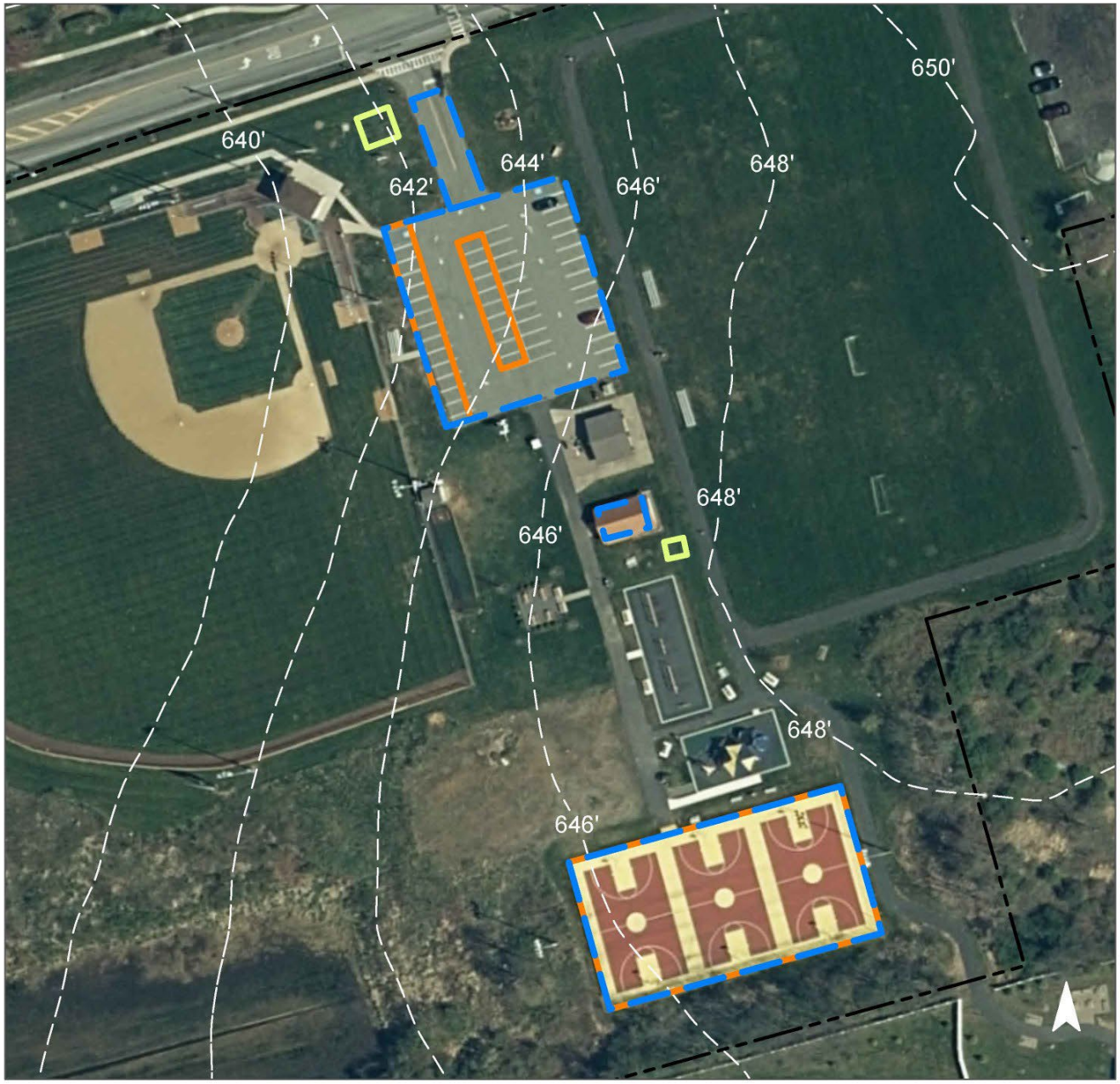
Block and Lot: Block 6000, Lots 12, 12.03, 12.04

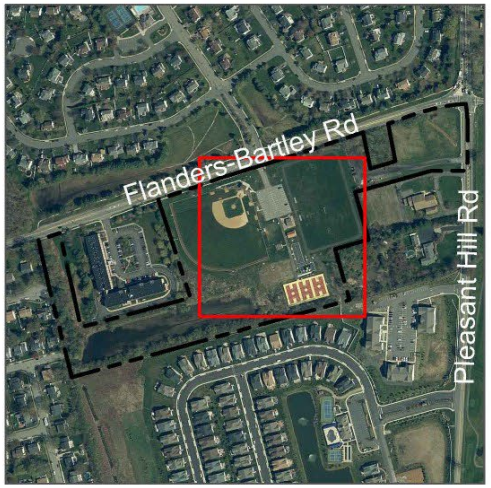
A rain garden can be installed to the southeast corner of the pavilion to capture, treat, and infiltrate stormwater runoff from the rooftop. A gutter system will need to be installed. Another rain garden can be installed to the west of the driveway entrance to capture, treat, and infiltrate stormwater runoff from the asphalt. A trench drain will be required. The rain garden can be installed near the existing catch basin, which can be used as an overflow. Existing parking spaces to the west of the lot can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. The basketball courts can be converted to pervious pavement to capture and infiltrate stormwater runoff from the courts. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
13	109,178	5.3	55.1	501.3	0.085	3.40

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	2,405	0.071	11	5,020	0.19	600	$6,000
Pervious pavement	35,095	1.039	154	73,200	2.75	22,310	$557,750

GREEN INFRASTRUCTURE RECOMMENDATIONS





Flanders Park

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 50' 100'

FLANDERS UNITED METHODIST CHURCH & THRIFT SHOP

RAP ID: 4

Subwatershed: Drakes Brook

HUC14 ID: 02030105010020

Site Area: 59,170 sq. ft.

Address: 4 Park Place
Flanders, NJ 07836

Block and Lot: Block 5501, Lots 17 & 17.01

Rain gardens can be installed in multiple grass areas around the buildings using the existing disconnected downspouts to capture, treat, and infiltrate stormwater runoff from the rooftops. Some of the disconnected downspouts will need to be extended to the rain gardens. The existing parking spaces to the north of the thrift shop building can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
50	29,335	1.4	14.8	134.7	0.023	0.91

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	2,825	0.084	11	5,890	0.22	710	$7,100
Pervious pavement	6,415	0.190	29	13,380	0.50	1,600	$40,000

GREEN INFRASTRUCTURE RECOMMENDATIONS

Flanders United Methodist Church & Thrift Shop

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 20' 40'

FUN-N-FRIENDS NURSERY SCHOOL

RAP ID: 5

Subwatershed: Drakes Brook

HUC14 ID: 02030105010010

Site Area: 225,845 sq. ft.

Address: 58 Drakesdale Road
Flanders, NJ 07836

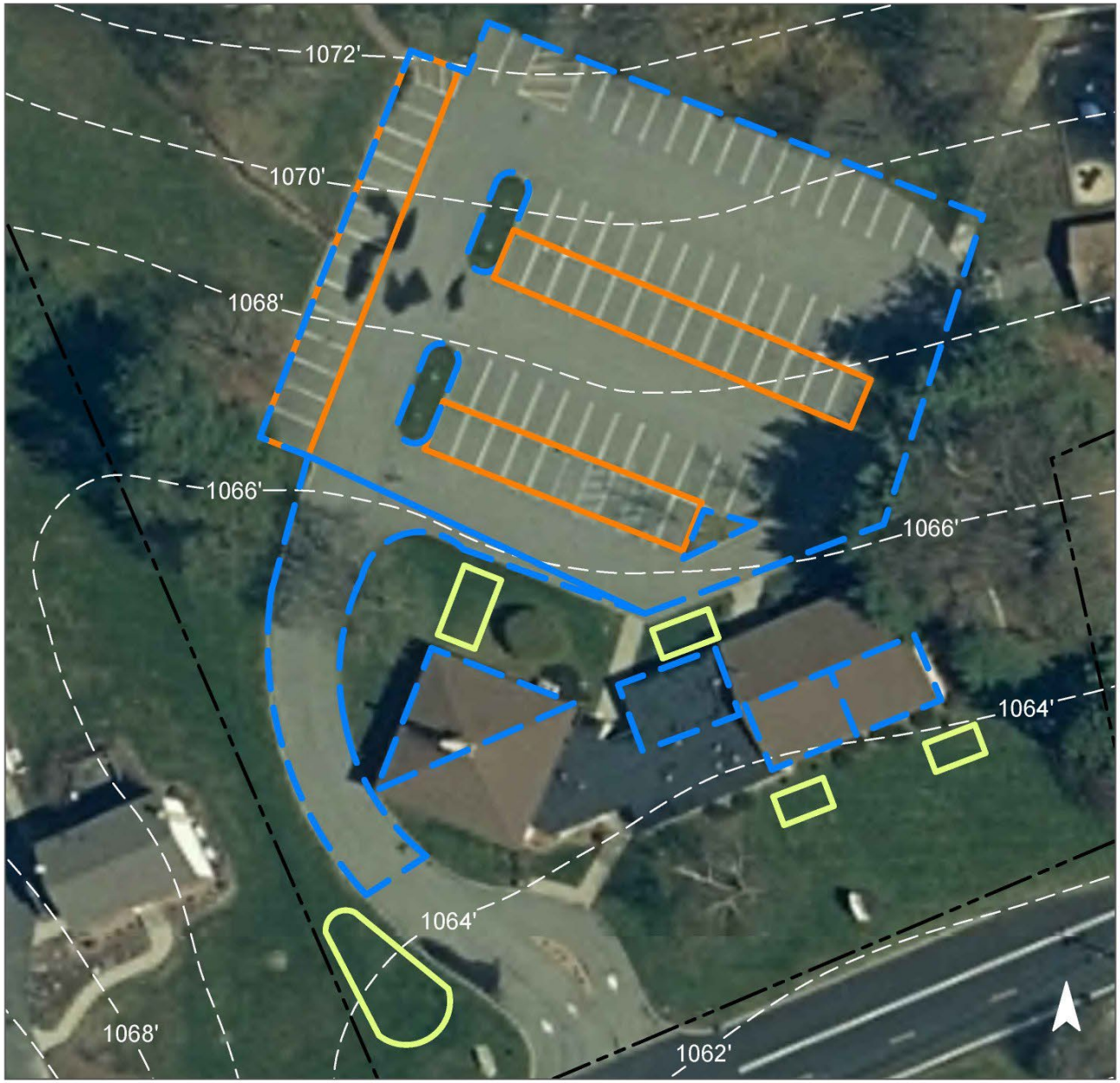
Block and Lot: Block 4500, Lot 27

Rain gardens can be installed in multiple grass areas around the property to capture, treat, and infiltrate stormwater runoff from the rooftops and the driveway. Downspout redirections and disconnections will be required for some of these raingardens. A gutter system will need to be installed on the western section of the building for the northwestern rain garden. A trench train and curb cut will be needed for the southwestern rain garden. Existing parking spaces to the south and west of the lot can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
24	55,191	2.7	27.9	253.4	0.043	1.72

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	7,270	0.215	32	15,160	0.57	1,825	$18,250
Pervious pavement	28,570	0.846	125	59,590	2.24	6,020	$150,500

GREEN INFRASTRUCTURE RECOMMENDATIONS



Fun-N-Friends Nursery School

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 25' 50'

MOUNTAIN VIEW ELEMENTARY SCHOOL

RAP ID: 6

Subwatershed: Drakes Brook

HUC14 ID: 02030105010020

Site Area: 867,709 sq. ft.

Address: 118 Clover Hill Drive
Flanders, NJ 07836

Block and Lot: Block 6208, Lot 24

Rain gardens can be installed in multiple grass areas around the property to capture, treat, and infiltrate stormwater runoff from the driveways and the southern parking lot. Curb cuts and a trench drain will be required for some of these rain gardens. Existing parking spaces to the north of the northern lot can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
27	237,638	11.5	120.0	1,091.1	0.185	7.41

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	29,090	0.861	127	60,680	2.28	7,270	$72,700
Pervious pavement	17,060	0.505	74	35,580	1.34	4,715	$117,875

GREEN INFRASTRUCTURE RECOMMENDATIONS

Mountain View Elementary School

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 100' 200'

ST. THOMAS ORTHODOX CHURCH

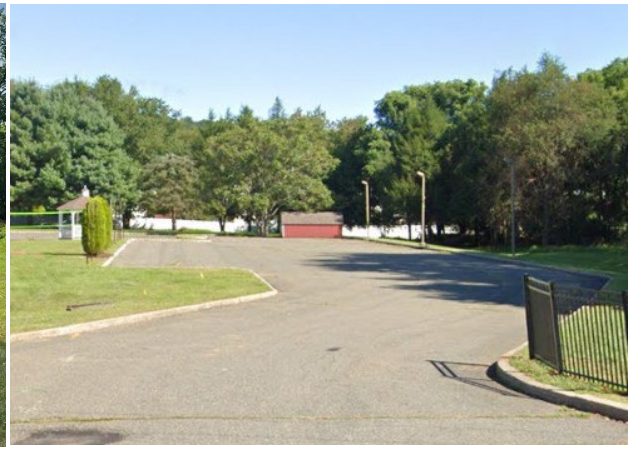
RAP ID: 7

Subwatershed: Drakes Brook

HUC14 ID: 02030105010020

Site Area: 130,673 sq. ft.

Address: 50 Flanders-Bartley Road
Flanders, NJ 07836



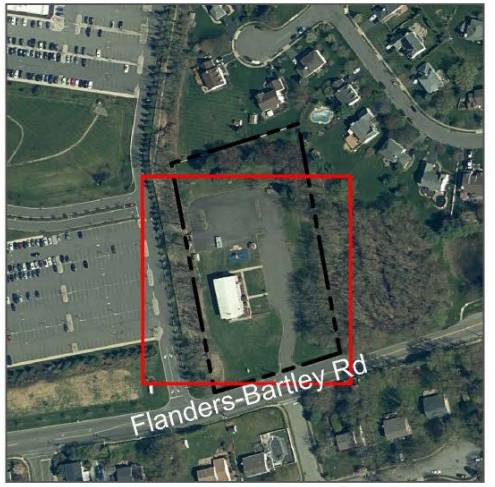
Block and Lot: Block 5400, Lot 24

Rain gardens can be installed to the east and west of the building to capture, treat, and infiltrate stormwater runoff from the rooftop. Downspout redirections beneath the sidewalk will be required for the eastern rain garden. Downspout redirection and disconnection will be required for the western rain garden. Existing parking spaces to the north and east of the building can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
34	44,957	2.2	22.7	206.4	0.035	1.40

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	2,705	0.080	11	5,640	0.21	675	$6,750
Pervious pavement	27,935	0.827	122	58,270	2.19	6,410	$160,250

GREEN INFRASTRUCTURE RECOMMENDATIONS



St. Thomas Orthodox Church

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 30' 60'

TINC ROAD SCHOOL

RAP ID: 8

Subwatershed: Drakes Brook

HUC14 ID: 02030105010020

Site Area: 1,306,368 sq. ft.

Address: 24 Tinc Road
Flanders, NJ 07836

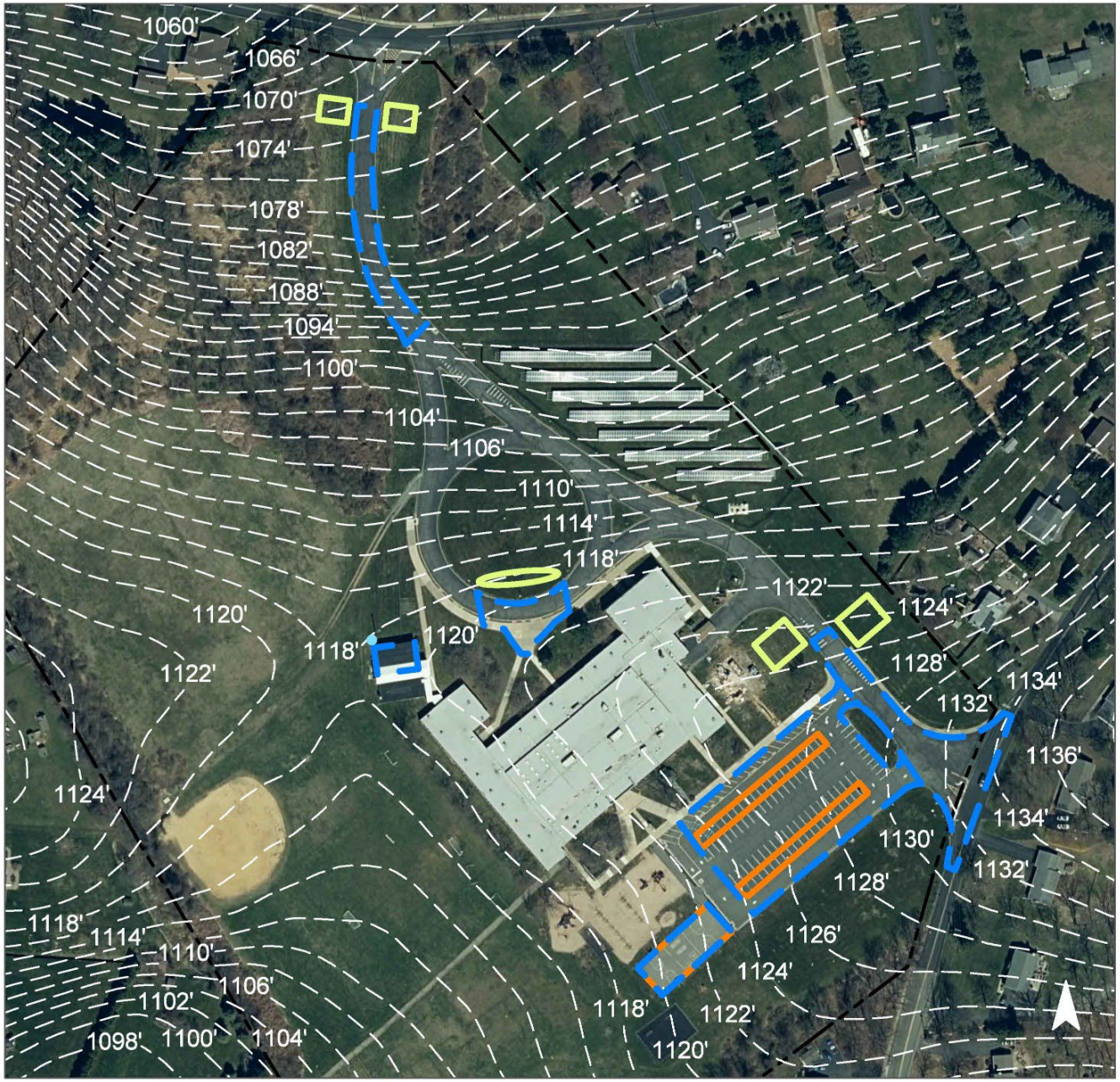
Block and Lot: Block 7100, Lot 67

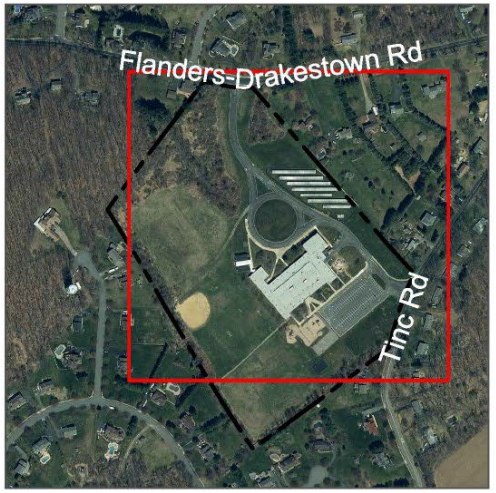
Rain gardens can be installed in multiple grass areas around the property to capture, treat, and infiltrate stormwater runoff from the driveway. Curb cuts will be required, and a trench drain may also be needed for the rain garden to the north of the school. Existing parking spaces in the lot can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. Trench drains will be required. The basketball courts can be converted into pervious pavement to capture and infiltrate stormwater runoff from the courts. A cistern can be installed to the northwest of the northern shed to divert and detain the stormwater runoff from the rooftop for later non-potable reuse such as watering the nearby garden. The downspouts can be reworked so that all shed runoff is managed by the cistern. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
17	219,401	10.6	110.8	1,007.4	0.171	6.84

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	31,895	0.944	139	66,530	2.50	7,970	$79,700
Pervious pavement	47,505	1.407	207	99,090	3.72	13,555	$338,875
Rainwater harvesting	1,890	0.056	8	1,500	0.06	1,500 (gal)	$4,500

GREEN INFRASTRUCTURE RECOMMENDATIONS





Tinc Road School

- bioretention system
- pervious pavement
- rainwater harvesting
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 100' 200'

KINGDOM HALL OF JEHOVAH'S WITNESSES

RAP ID: 9

Subwatershed: Mine Brook

HUC14 ID: 02040105150090

Site Area: 40,562 sq. ft.

Address: 16 Parkway Drive
Hackettstown, NJ 07840

Block and Lot: Block 8602, Lot 2

Rain gardens can be installed to the south of the building to capture, treat, and infiltrate stormwater runoff from the rooftop and driveway. Both rain gardens will require a trench drain and extension of the disconnected downspouts to the rain gardens. Existing parking spaces to the north and west of the building can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. A trench drain will be required for the western pervious pavement. The northern building downspouts can be disconnected to the northern pervious pavement to manage additional rooftop runoff. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
48	19,344	0.9	9.8	88.8	0.015	0.60

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	1,253	0.037	6	2,610	0.10	630	$6,300
Pervious pavement	12,355	0.366	53	25,770	0.97	2,920	$73,000

GREEN INFRASTRUCTURE RECOMMENDATIONS

Kingdom Hall of Jehovah's Witnesses

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 20' 40'

MOUNT OLIVE HIGH SCHOOL

RAP ID: 10

Subwatershed: Raritan River South Branch

HUC14 ID: 02030105010040

Site Area: 2,112,315 sq. ft.

Address: 18 Corey Road
Flanders, NJ 07836

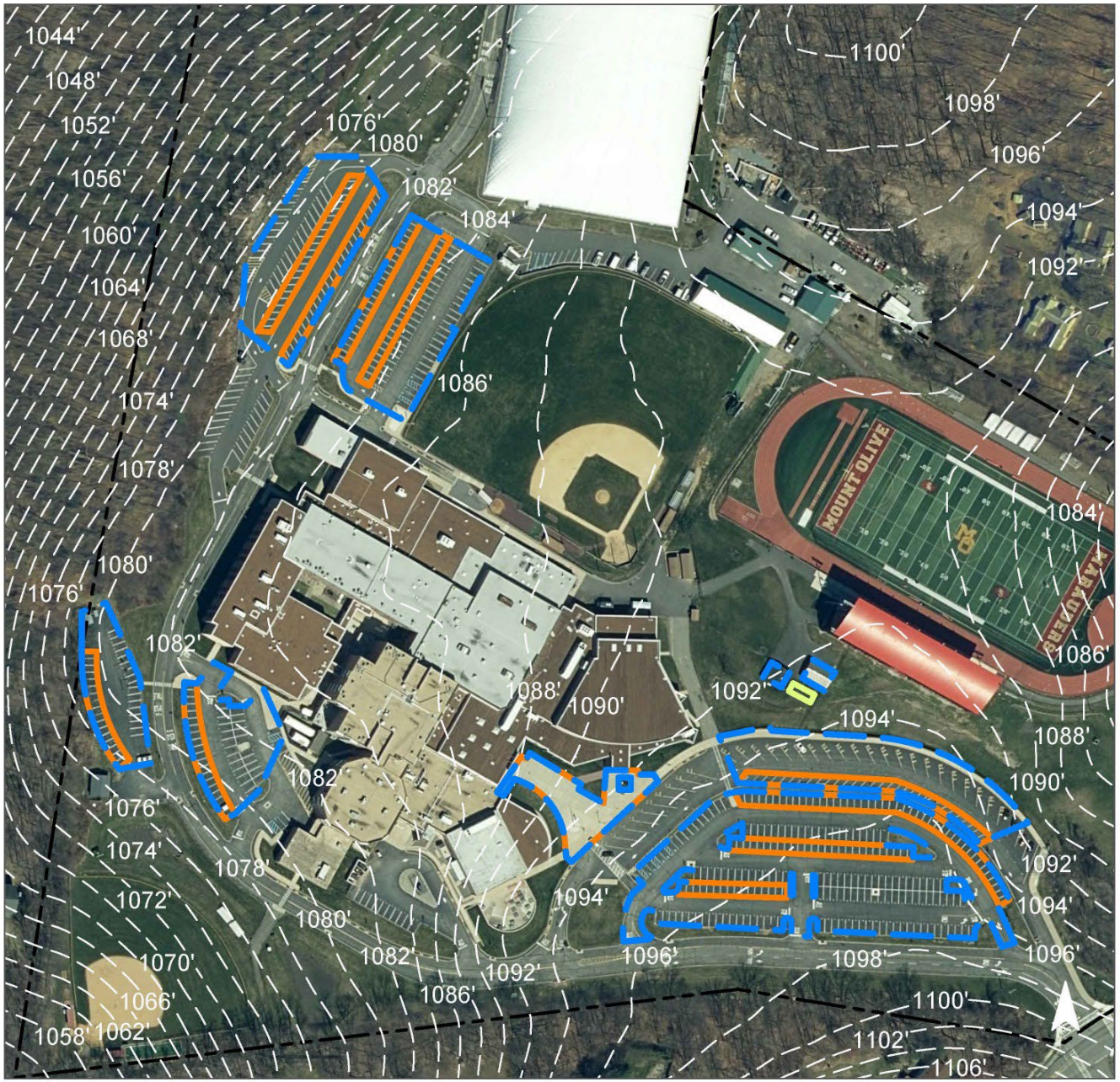
Block and Lot: Block 7600, Lot 86

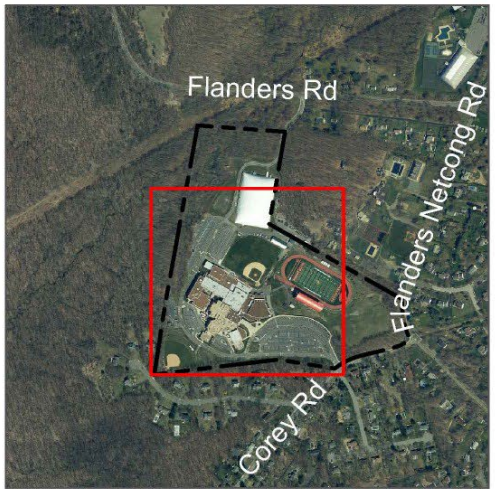
A rain garden can be installed to the south of the eastern sheds to capture, treat, and infiltrate stormwater runoff from the rooftops. This may require gutter installation or reworking of existing downspouts. Existing parking spaces in the eastern, western, and northern lots can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. The concrete entryway to the south of the school can be replaced with permeable pavers. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
46	967,478	46.6	488.6	4,442.0	0.754	30.15

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	1,520	0.045	6	3,170	0.12	380	$3,800
Pervious pavement	193,565	5.731	844	403,740	15.17	50,120	$1,253,000

GREEN INFRASTRUCTURE RECOMMENDATIONS





Mount Olive High School

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 100' 200'

SANDSHORE ELEMENTARY SCHOOL

RAP ID: 11

Subwatershed: Raritan River South Branch

HUC14 ID: 02030105010040

Site Area: 868,001 sq. ft.

Address: 498 Sand Shore Road
Hackettstown, NJ 07840

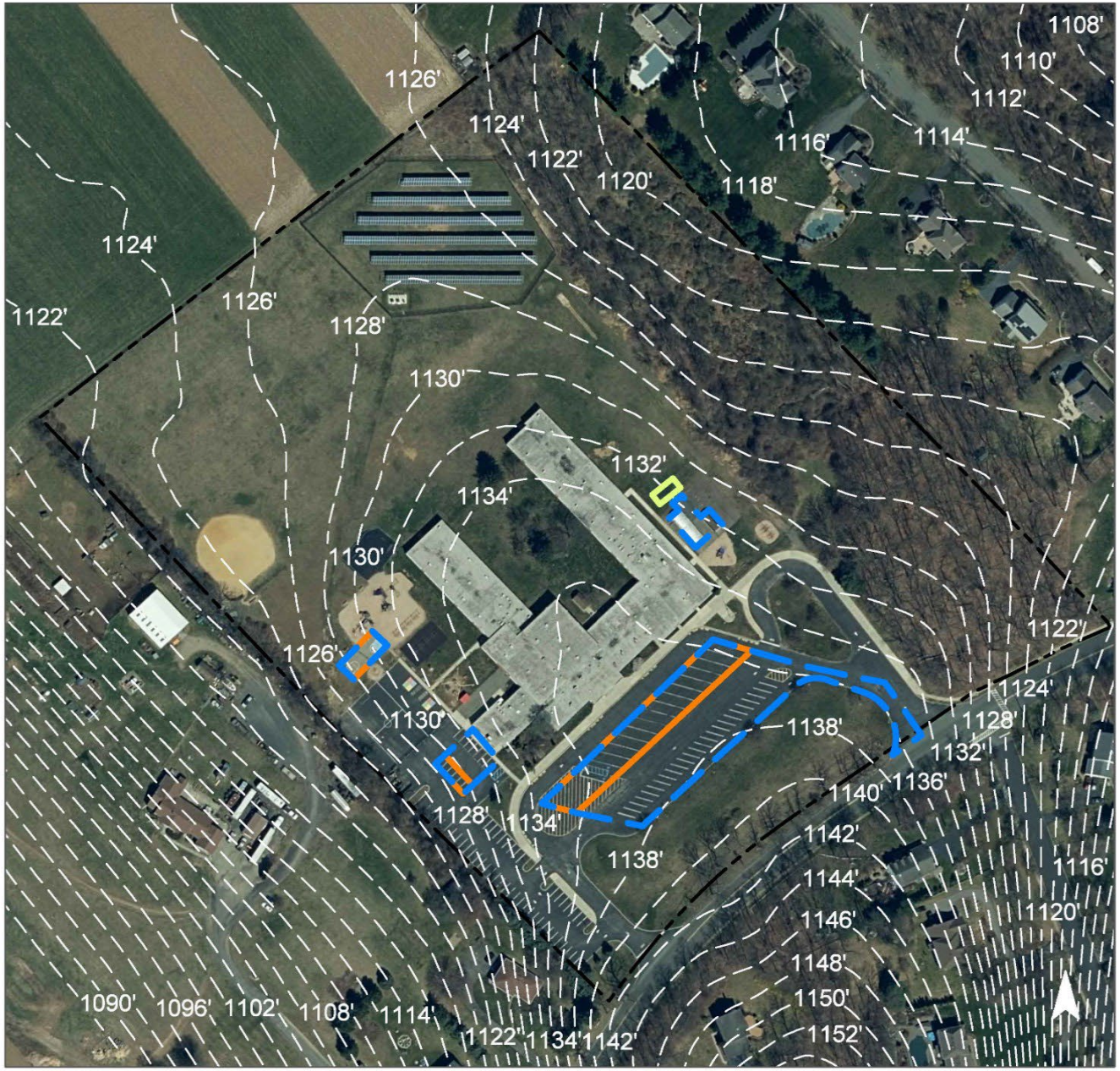
Block and Lot: Block 900, Lot 12

A rain garden can be installed to the north of the eastern sheds to capture, treat, and infiltrate stormwater runoff from the rooftops. This will require gutter system installations. Existing parking spaces to the south and west of the building can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. The basketball court can be converted into pervious pavement to capture and infiltrate stormwater runoff from the court. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
25	220,998	10.7	111.6	1,014.7	0.172	6.89

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	2,245	0.066	10	4,680	0.18	560	$5,600
Pervious pavement	44,810	1.327	196	93,460	3.51	16,075	$401,875

GREEN INFRASTRUCTURE RECOMMENDATIONS



Sandshore Elementary School

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 100' 200'

ST. JUDE THADDEUS ROMAN CATHOLIC CHURCH

RAP ID: 12

Subwatershed: Raritan River South Branch

HUC14 ID: 02030105010030

Site Area: 280,110 sq. ft.

Address: 17 Mount Olive Road
Budd Lake, NJ 07828

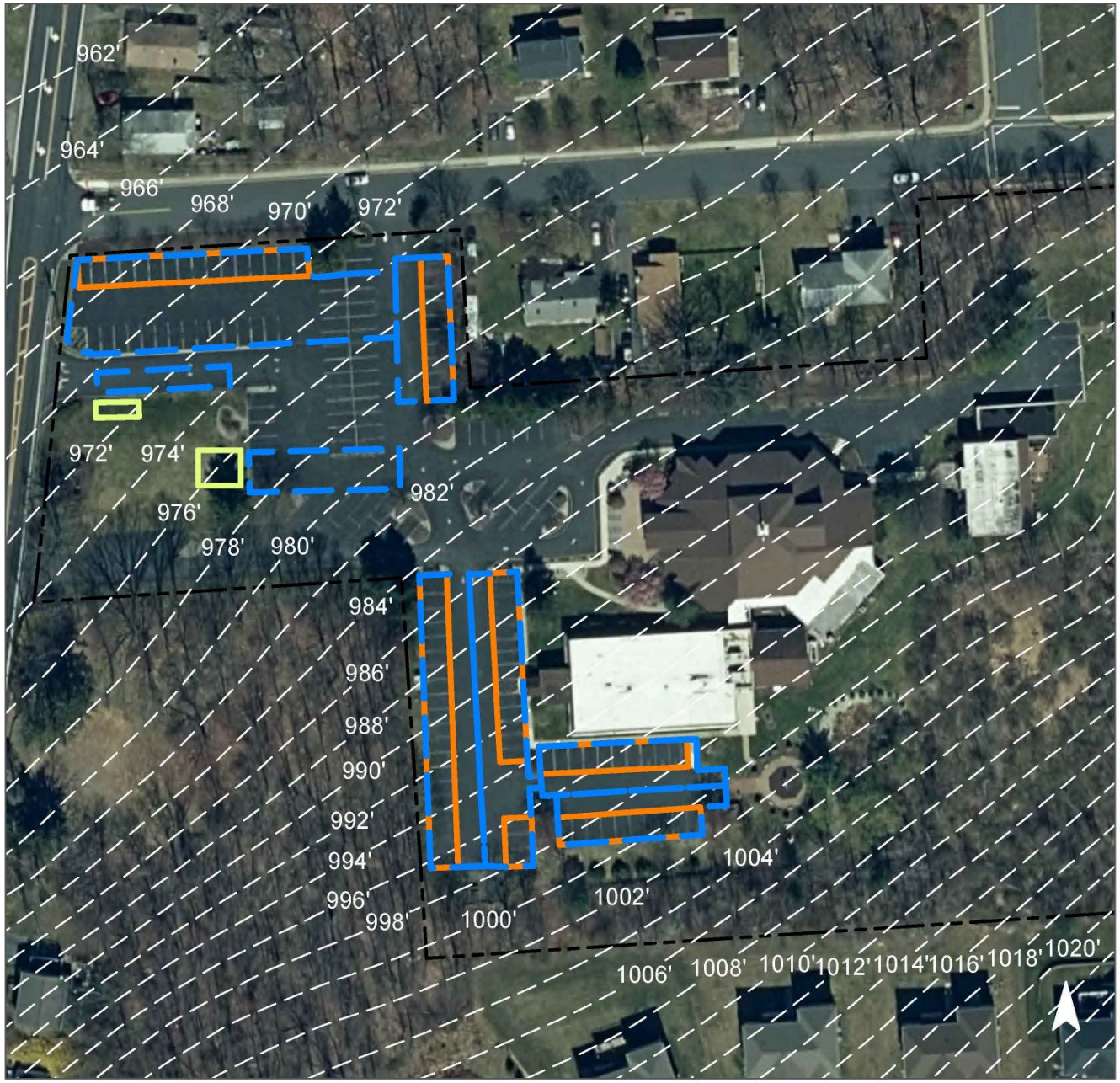
Block and Lot: Block 3807, Lot 1

Rain gardens can be installed to the northwest of the property to capture, treat, and infiltrate stormwater runoff from the parking lot and driveway. Curb cuts will be required. Existing parking spaces to the south, west, and northwest of the building can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
44	122,711	5.9	62.0	563.4	0.096	3.82

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	3,735	0.111	17	7,790	0.29	935	$9,350
Pervious pavement	34,855	1.032	152	72,700	2.73	14,110	$352,750

GREEN INFRASTRUCTURE RECOMMENDATIONS



St. Jude Thaddeus Roman Catholic Church

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 50' 100'

TURKEY BROOK PARK

RAP ID: 13

Subwatershed: Raritan River South Branch

HUC14 ID: 02030105010040

Site Area: 11,330,892 sq. ft.

Address: 30 Flanders Road
Budd Lake, NJ 07828

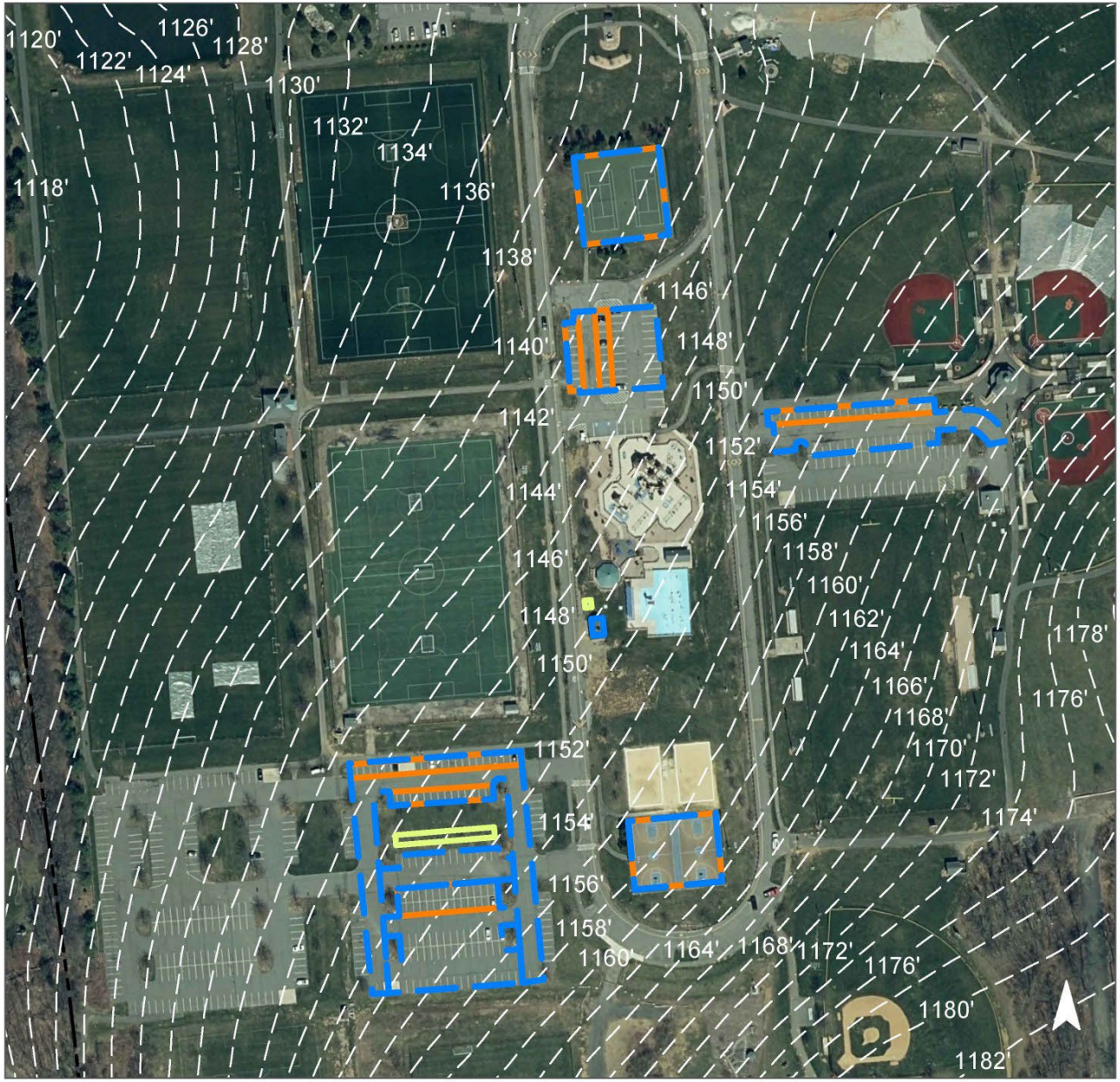
Block and Lot: Block 7600, Lot 71

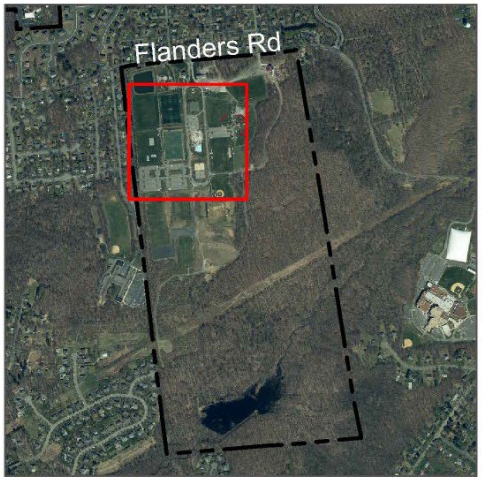
A rain garden can be installed to the northwest corner of the southwestern shed to capture, treat, and infiltrate stormwater runoff from the rooftop. This will require gutter system installation. Another rain garden can be installed to the north of the southwestern parking lot to capture, treat, and infiltrate stormwater runoff from the asphalt. Existing parking spaces to the north, east, and southwest can be converted into pervious pavement to capture and infiltrate stormwater runoff from the asphalt. The tennis and basketball courts can be converted into pervious pavement to capture and infiltrate stormwater runoff from the courts. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 50"
8	867,872	41.8	438.3	3,984.7	0.676	27.05

Recommended Green Infrastructure Practices	Drainage Area (sq. ft.)	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Bioretention system	7,195	0.213	32	15,000	0.56	1,800	$18,000
Pervious pavement	96,295	2.851	420	200,850	7.55	41,655	$1,041,375

GREEN INFRASTRUCTURE RECOMMENDATIONS





Turkey Brook Park

- bioretention system
- pervious pavement
- captured drainage area
- property line
- 2020 Aerial: NJOIT, OGIS

0 100' 200'

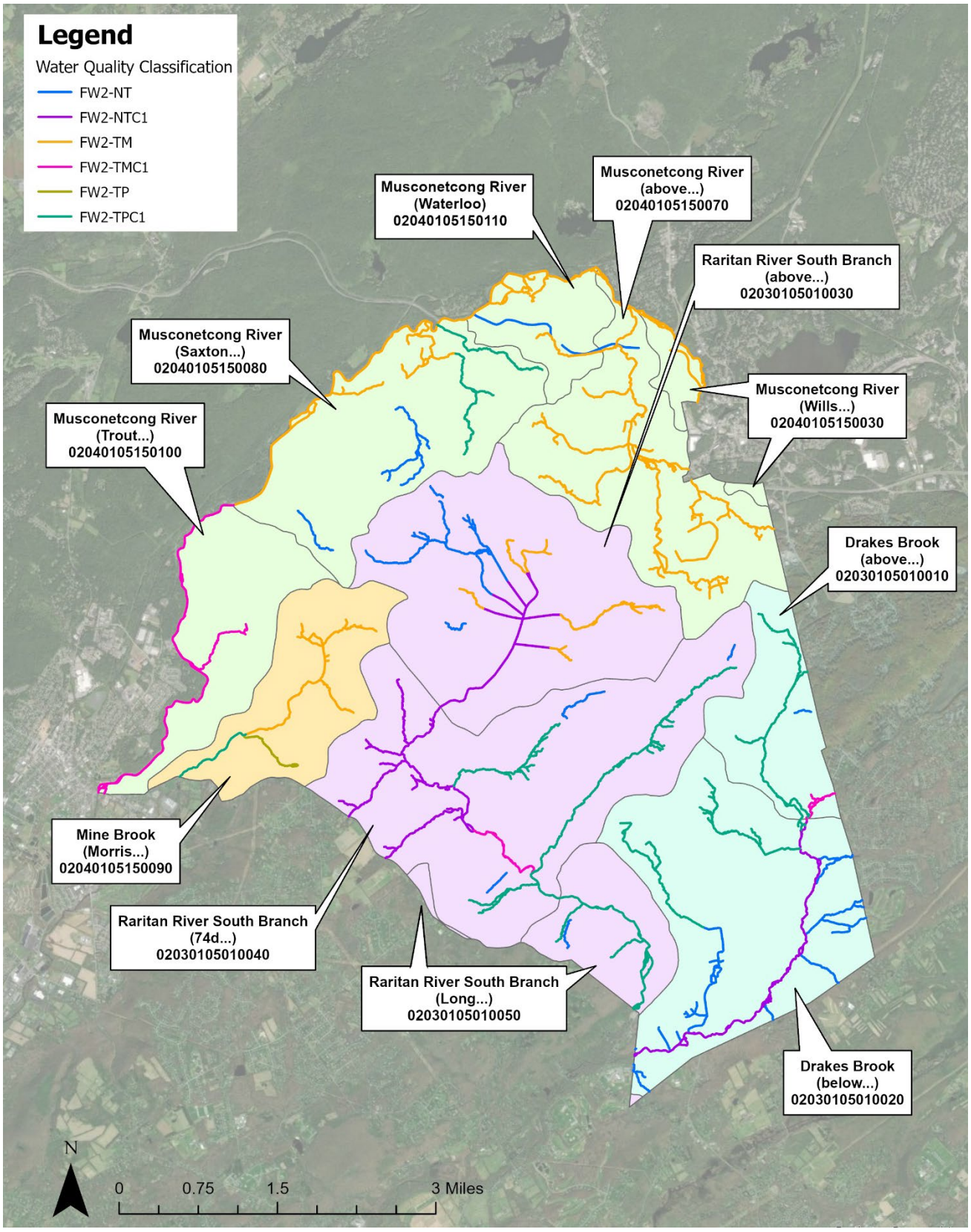


Figure 13. Water Quality Classification of Surface Waters in Mount Olive Township

Table 11. Water Quality Classification of Surface Waters in Mount Olive Township

Surface Water Quality Classification	Surface Water Quality Code	Miles	Percent of Municipal Streams
Freshwater 2, non-trout	FW2-NT	16.5	16.7%
Freshwater 2, non-trout, Category One	FW2-NTC1	14.8	15.1%
Freshwater 2, trout production, Category One	FW2-TPC1	24.1	24.5%
Freshwater 2, trout maintenance	FW2-TM	34.8	35.4%
Freshwater 2, trout production	FW2-TP	0.8	0.8%
Freshwater 2, trout maintenance, Category One	FW2-TMC1	7.4	7.5%