## County of Gloucester

## COMPREHENSIVE FARMLAND PRESERVATION PLAN UPDATE ~ 2015



Prepared by



with



# COMPREHENSIVE FARMLAND PRESERVATION PLAN UPDATE 2015

for

County of Gloucester

Prepared for:

County of Gloucester Agriculture Development Board

Prepared October 1, 2015 by:



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The original document was appropriately signed and sealed in accordance with Chapter 41, Title 13 of the State Board of Professional Planners.

# COMPREHENSIVE FARMLAND PRESERVATION PLAN UDPATE 2015

for

### County of Gloucester

*Produced by:* 

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#### **ACKNOWLEDGEMENTS**

The Land Conservancy of New Jersey wishes to acknowledge the following individuals and organizations for their help in providing information, guidance, and materials for the *County of Gloucester Comprehensive Farmland Preservation Plan Update*. Their contributions have been instrumental in the creation of the Plan Update.

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#### EXECUTIVE SUMMARY









Since the completion of the 2008 Comprehensive Farmland Preservation Plan, Gloucester County has preserved an additional 120 farms permanently protecting 6,453 acres of farmland, exceeding its goal of preserving 1,000 acres per year. Since 1989 Gloucester County has permanently preserved 16,634 acres of farmland in 251 farms. The first farm preserved by the Gloucester County Board of Chosen Freeholders was the Dibella Farm in Woolwich Township. Farmers and local officials in Gloucester County remain firmly committed to farmland protection and continue to support the preservation of agricultural land throughout the County.

Gloucester County is home to some of the most suitable and productive farmland in the State of New Jersey. Roughly 60 percent of the County is covered by soils of agricultural importance, and one fifth of the County is actively utilized for farmland operations. The agricultural industry in Gloucester County has demonstrated its ability to remain not only viable but successful in the face of changing market conditions. Led by its nursery/greenhouse operations and vegetable and fruit harvests, the County produced \$87.7 million in agricultural sales during 2012, versus \$66 million in 2002. The County's farms have produced increasing sales figures despite growing development pressures in and around its most productive areas. Local farmers have adapted their operations to cater more to new County residents seeking agritourism opportunities and local produce. However, new development threatens to further erode the already-diminished agricultural land base in the County.

Gloucester County is 215,471 acres (336.7 square miles) in size. Of this 63,671 acres, or 29.5%, of total land area, are under farmland assessment, which encompasses croplands, woodlands, farm structures, and wetlands/waterways that occur on agricultural property. The 2002 Census of Agriculture identified 50,753 acres as farms, which excludes those farmland assessed parcels that are not in active agricultural production. The 2012 Census of Agriculture identifies 43,265 acres as farms, 20% of the County's land base and 68% of the farm assessed property in Gloucester.

Based upon a parcel based analysis of the State's Minimum Eligibility Criteria for productive soils and tillable land, **19,227 acres** are potentially eligible for farmland preservation within the Agricultural Development Area for Gloucester County. The Board of Chosen Freeholders currently, and historically, supports a strong and active program of farmland preservation. Based upon the inventory of farmland eligible for preservation, high landowner interest, and the amount of potential funding available, the following preservation goals are presented for Gloucester County:

One year target: 1,000 acres Five year target: 4,000 acres Ten year target: 8,000 acres

Gloucester County was *number one* in the State to use all its available funding every funding round since 2008. Over the course of the County's farmland preservation program, a total of \$140,606,697 has been expended to preserve 16,634 acres. The State has provided \$64,025,190 in funding and Gloucester County has spent \$74,809,337. Since the start of the municipal Planning Incentive Grant program in 2008, \$1,772,169 has been expended by the local municipalities and non-profit organizations to preserve farmland in Gloucester County. In four local projects, Gloucester County contributed both the County and State Cost Share for farms preserved by municipalities as their town's available PIG funds were exhausted.

The Gloucester County Office of Land Preservation, County Agriculture Development Board and Board of Chosen Freeholders follow a strategic, targeted outreach program for the identification and preservation of potential properties. The County continues to focus its efforts on preserving productive agricultural land and expanding corridors of preserved farmland. To this end, between 2013 and 2015, the Gloucester County Office of Land Preservation conducted a comprehensive, parcel-based review of the County's Agricultural Development Area, focusing on the most productive farms, those farms in which owners had expressed interest in preservation and whether the municipalities in which they were located were supportive of their preservation. For those farms located in Planning Areas 1 and 2, the County studied the impact of their preservation and the benefits to the local economy and community if the farms were included in the ADA and ultimately preserved. In addition, Gloucester County reviewed areas along the major transportation corridors, the riparian corridor of the Delaware River and Oldmans Creek, and lands that have been designated by the local municipalities in need of redevelopment or rehabilitation. As a result of this analysis, Gloucester County is adding 1,315 acres of farm assessed land to the ADA and removing 6,404 acres of farm assessed land, for a net decrease of 5,090 acres. The percentage of farm assessed property in the ADA is 76.42%.

Gloucester County continues to promote agriculture. Government conservation programs, such as the Environmental Quality Incentive Program and Agricultural Conservation Easement Program, offer funding to farmers who actively work to address natural resource concerns and prevent the loss of agricultural lands to non-agricultural uses. Ten out of twenty-four Gloucester County municipalities have enacted Right-to-Farm ordinances, and two towns have active municipal Planning Incentive Grant (PIG) programs. Strong actions like these indicate a support for agriculture and a willingness to cooperate in order to maintain local farms.

# CHAPTER 1: AGRICULTURAL LAND BASE OF GLOUCESTER COUNTY



#### **Agricultural Landscape**

The natural landscape of Gloucester County is ideal for supporting a rich and productive agricultural industry. Its flat, sandy terrain and high-yielding groundwater aquifers create excellent conditions for agricultural production. The County's temperate climate and generally mild weather patterns make it suitable for a wide range of agricultural products. In 1925, agricultural use represented 57.5% of land use in the County (Census of Agriculture). Residential and commercial construction has since consumed agricultural lands within a continually expanding periphery around the traditional development centers located in the northern and eastern portions of the County.

Between 1982 and 2012, agricultural lands declined from 66,133 acres to 43,265 acres (Figure 1. Gloucester County Farmland: 1982-2012). In 2012, agricultural lands constituted 20% of Gloucester County's 215,618 acres, and the County ranked seventh in the state for acres dedicated to agriculture. The majority of the County's agricultural lands (70%) are used for field crops, followed by woodlands at 12% and pastured lands at 7%. (Figure 2. 2012 Gloucester County Farmland Use (acres)). "Other" agricultural lands are made up of farmhouse lots, ponds, driveways, and support structures. "Other" cropland includes fallow or soil improvement areas. (Census of Agriculture)

The 584 farms in Gloucester County average 74 acres in size, close to the overall New Jersey average of 79 acres. The median farm in Gloucester County is 15 acres, indicating that most of the County's farm units are much smaller than the average 79 acres. The majority of farms fall into the 1-50 acre range (*Figure 3. Gloucester County Average and Median Farm Size:* 1982-2012 and *Figure 4. Gloucester County Farms by Size:* 1987-2012). (*Census of Agriculture*)

#### Soils

Gloucester County's soils form the foundation of the local agriculture industry. The erodibility, water capacity, nutrient retention, and other physical features of the region's soils directly influence the productivity and viability of Gloucester County's farms. They also determine what agricultural goods are most appropriate to produce locally. Preserving the productive and locally unique soils of Gloucester County as farmland remains critical for maintaining its agricultural industry and rural landscapes.

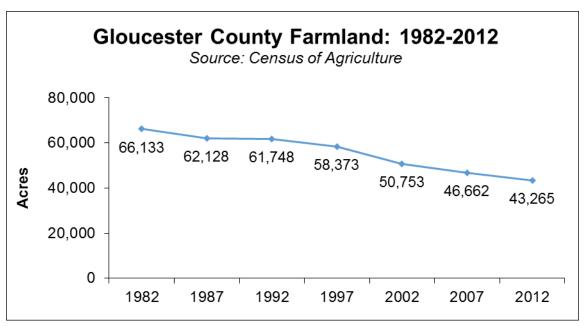


Figure 1. Gloucester County Farmland: 1982-2012

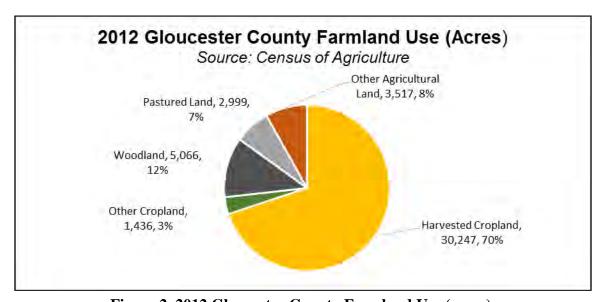


Figure 2. 2012 Gloucester County Farmland Use (acres)

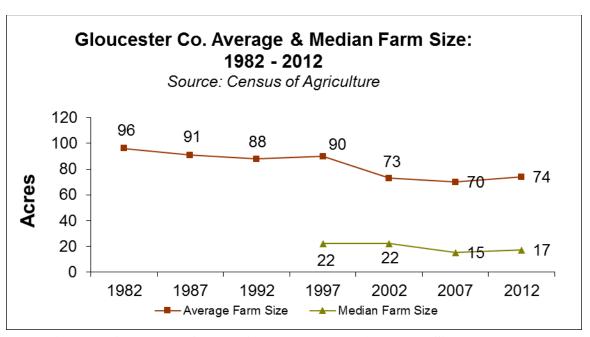


Figure 3. Gloucester County Average and Median Farm Size: 1982-2012

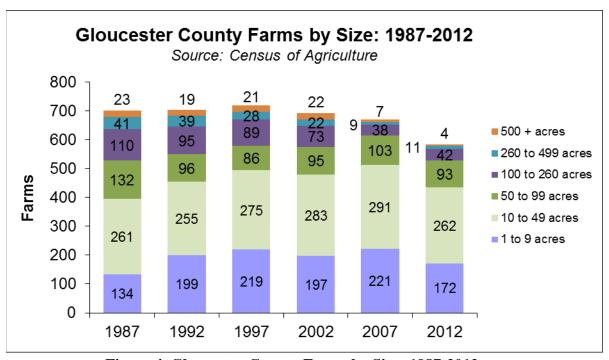


Figure 4. Gloucester County Farms by Size: 1987-2012

Gloucester County's soils were formed through a series of geological events. They originated as sediments that accumulated on top of bedrock at the bottom of an ancient ocean that covered what is now Gloucester County. These fine and sandy marine sediments were later covered by gravelly quartzite material that was deposited by glacial melt waters following the last Ice Age. The characteristics of the individual soil types in

Gloucester County are defined largely by the ratio of marine to glacial sediments they contain and the parent materials from which they were derived. The sandy and gravelly soils of Gloucester County are good for field crop agriculture because they are generally free of rocks and are relatively easy to till.

Local topography also plays an important role in determining soil characteristics. Low-lying areas were submerged by glacial melt waters for an extended time after the last Ice Age. The remains of plants and microorganisms that lived in these shallow waters formed thick layers of organic material on top of low-lying soils. Conversely, dry upland soils were subjected to strong weathering forces, such as wind and precipitation, which eroded them and reduced their depth to bedrock in these areas. The topographical location of Gloucester County's soils is associated with variations in important agricultural features, such as their concentration of organic matter and permeability. Low-lying soils are generally deeper and have more organic matter than upland soils, making them more productive for some crops. However, they also tend to be poorly drained and are more likely to incur flood-related losses. (Gloucester County Soil Survey) <sup>2</sup>

The climate and local environment of Gloucester County also exert a significant influence on its soils. The County's wet and humid climate causes a large amount of organic nutrients and basic compounds to leach out of its soils, leaving them relatively nutrient-poor and acidic. The plants and animals that colonize these soils deposit some organic material, but not enough to entirely counteract the extensive leaching that occurs. Consequently, many farmers in Gloucester County must use fertilizer on their fields for certain crops and regularly apply lime to raise the soil pH.

The combination of all these characteristics including chemical composition, texture, depth to bedrock, organic material, drainage, and pH of the County's soils determines their suitability for agricultural production. Based on these features, the Natural Resources Conservation Service (NRCS) classifies some soils as *prime*, *of statewide importance*, *unique* and *of local importance* because they exhibit exceptional capacity for supporting agricultural production:

- Prime farmland soils rest on land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber and oilseed crops. They have the quality, growing season, and moisture supply to sustain high yields when managed according to acceptable farming methods. Prime soils are not heavily eroded or saturated for a long period of time, and they either do not flood frequently or are protected from flooding;
- Farmland soils of statewide importance are nearly prime, producing high yields of crops when treated and managed according to acceptable farming methods, and some may produce yields that are as high as prime soils if conditions are favorable;
- *Unique soils* exhibit specific qualities that may be favorable to the production of specialized crops, such as blueberries or cranberries;
- Farmland soils of local importance include those soils that are not prime or statewide importance and are used for the production of high value food, fiber or horticultural crops; Gloucester County has the most soils in this category in the

- state, including Aura-Sassafras, Freehold, Keyport, Lakeland, Marlton, and Westphalia (NRCS Important New Jersey Soils)<sup>3</sup>;
- Other soils encompass all soil types that are not classified as prime, statewide important, unique, or locally important. The capacity of these soils for supporting agricultural should be assessed on a site-specific basis. This category also includes areas of water.

In total, farmland soils cover 151,174 acres (70%) of Gloucester County (Figure 5. Soils of Gloucester County (acres)). (NRCS Web Soil Survey)<sup>4</sup> The largest expanses of prime farmland soils are found in Monroe, Franklin and Elk Townships. High concentrations of prime farmland soils are also found in Woolwich, South Harrison and East Greenwich Townships. Pockets also can be found even in most highly developed townships and boroughs. In most cases, the prime soils are ordered by soils of statewide importance. Farmland soils of statewide importance if drained, locally important and unique tend to be found along streams and rivers, including the Delaware River. (Map 13. Agricultural Soil Categories, Table 1. Active Agricultural Land by Soil Type and Table 2. Soils of Gloucester County)

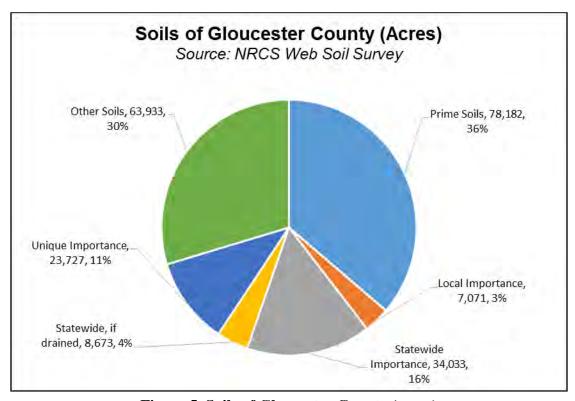


Figure 5. Soils of Gloucester County (acres)

Table 1. Active Agricultural Land by Soil Type Source: NRCS Soil Survey 2008					
Soil Type	Total Area (Acres)	Acres in Active Ag	% in Active Ag		
Prime Farmland Soils	78,181.93	28,719.93	36.7%		
Statewide Important Soils	34,032.50	11,704.84	34.4%		
Statewide, if drained	8,672.61	1,442.91	16.6%		
Local Importance	7,071.25	825.68	11.7%		
Unique Soils	23,726.62	405.99	1.7%		
Other Soils	63,932.61	1,776.63	2.8%		
TOTAL	215,617.54	44,875.98	20.8%		

Table 2. Soils of Gloucester County						
Abbr	Soil Description	Acres	% of Co.			
AucB	Aura loamy sand, 0 to 5 percent slopes	2,610.55	1.21%			
AugA	Aura sandy loam, 0 to 2 percent slopes	254.97	0.12%			
AugB	Aura sandy loam, 2 to 5 percent slopes	18,287.68	8.48%			
AupB	Aura loam, 2 to 5 percent slopes	46.62	0.02%			
AvsB	Aura-Sassafras loamy sands, 0 to 5 percent slopes	1,168.10	0.54%			
AvtB	Aura-Sassafras sandy loams, 2 to 5 percent slopes	4,745.17	2.20%			
BumA	Buddtown-Deptford complex, 0 to 2 percent slopes	1,758.86	0.82%			
CogB	Collington loamy sand, 0 to 5 percent slopes	186.89	0.09%			
CokA	Collington sandy loam, 0 to 2 percent slopes	188.45	0.09%			
CokB	Collington sandy loam, 2 to 5 percent slopes	487.15	0.23%			
CosB	Colts Neck sandy loam, 2 to 5 percent slopes	929.70	0.43%			
DoeA	Downer sandy loam, 0 to 2 percent slopes	6,179.89	2.87%			
DoeB	Downer sandy loam, 2 to 5 percent slopes	1,274.85	0.59%			
FrfB	Freehold loamy sand, 0 to 5 percent slopes	8,353.09	3.87%			
FrkA	Freehold sandy loam, 0 to 2 percent slopes	2,298.20	1.07%			
FrkB	Freehold sandy loam, 2 to 5 percent slopes	3,218.04	1.49%			
KemB	Keyport sandy loam, 2 to 5 percent slopes	1,642.37	0.76%			
KeoA	Keyport loam, 0 to 2 percent slopes	374.32	0.17%			
МаоВ	Marlton sandy loam, 2 to 5 percent slopes	2,121.40	0.98%			
SacA	Sassafras sandy loam, 0 to 2 percent slopes	4,267.62	1.98%			
SacB	Sassafras sandy loam, 2 to 5 percent slopes	2,773.70	1.29%			
WeeB	Westphalia fine sandy loam, 2 to 5 percent slopes	4,558.91	2.11%			
WoeA	Woodstown sandy loam, 0 to 2 percent slopes	371.53	0.17%			
WoeB	Woodstown sandy loam, 2 to 5 percent slopes	362.48	0.17%			
WokA	Woodstown-Glassboro complex, 0 to 2 percent slopes	9,721.39	4.51%			
	All areas are prime farmland total	78,181.93	36.26%			

Abbr	Table 2. Soils of Gloucester County					
	Soil Description	Acres	% of Co.			
EveB	Evesboro sand, 0 to 5 percent slopes	867.11	0.40%			
FrkD	Freehold sandy loam, 10 to 15 percent slopes	802.35	0.37%			
FrkD2	Freehold sandy loam, 10 to 15 percent slopes, eroded	145.92	0.07%			
UddcB	Udorthents, dredged coarse materials, 0 to 8 percent slopes	3,543.42	1.64%			
UddfB	Udorthents, dredged fine materials, 0 to 8 percent slopes	1,271.09	0.59%			
WeeD	Westphalia fine sandy loam, 10 to 15 percent slopes	441.36	0.20%			
	Farmland of local importance total	7,071.25	3.28%			
AugC	Aura sandy loam, 5 to 10 percent slopes	74.77	0.03%			
AvsC	Aura-Sassafras loamy sands, 5 to 10 percent slopes	612.97	0.28%			
AvtC	Aura-Sassafras sandy loams, 5 to 10 percent slopes	762.07	0.35%			
AvtC2	Aura-Sassafras sandy loams, 5 to 10 percent slopes, eroded	390.21	0.18%			
CogC	Collington loamy sand, 5 to 10 percent slopes	39.43	0.02%			
CokC	Collington sandy loam, 5 to 10 percent slopes	147.22	0.07%			
CosC	Colts Neck sandy loam, 5 to 10 percent slopes	531.81	0.25%			
DocB	Downer loamy sand, 0 to 5 percent slopes	12,889.92	5.98%			
DocC	Downer loamy sand, 5 to 10 percent slopes	82.24	0.04%			
FrfC	Freehold loamy sand, 5 to 10 percent slopes	2,175.60	1.01%			
FrkC	Freehold sandy loam, 5 to 10 percent slopes	982.95	0.46%			
HbmB	Hammonton loamy sand, 0 to 5 percent slopes	4,557.16	2.11%			
KemC2	Keyport sandy loam, 5 to 10 percent slopes, eroded	168.17	0.08%			
LenA	Lenni loam, 0 to 2 percent slopes	2,205.05	1.02%			
MaoC	Marlton sandy loam, 5 to 10 percent slopes	394.87	0.18%			
MaoC2	Marlton sandy loam, 5 to 10 percent slopes, eroded	476.64	0.22%			
SabB	Sassafras loamy sand, 0 to 5 percent slopes	3,307.68	1.53%			
SabC	Sassafras loamy sand, 5 to 10 percent slopes	1,641.60	0.76%			
SacC	Sassafras sandy loam, 5 to 10 percent slopes	985.25	0.46%			
SacD	Sassafras sandy loam, 10 to 15 percent slopes	52.10	0.02%			
ThfB	Tinton sand, 0 to 5 percent slopes	453.73	0.21%			
WeeC	Westphalia fine sandy loam, 5 to 10 percent slopes	1,101.07	0.51%			
	Farmland of statewide importance total	34,032.50	15.78%			
FamA	Fallsington sandy loam, 0 to 2 percent slopes	5,938.80	2.75%			
FapA	Fallsington loam, 0 to 2 percent slopes	1,715.01	0.80%			
JdrA	Jade Run fine sandy loam, 0 to 2 percent slopes	965.80	0.45%			
KreA	Kresson fine sandy loam, 0 to 2 percent slopes	50.39	0.02%			
MumA	Mullica sandy loam, 0 to 2 percent slopes	1.60	0.00%			

Abbr	Soil Description	Acres	% of Co.
OTKA	Othello and Fallsington soils, 0 to 2 percent slopes	1.01	0.00%
	Farmland of statewide importance, if drained total	8,672.61	4.02%
AtsA	Atsion sand, 0 to 2 percent slopes	568.49	0.26%
AtsAr	Atsion sand, 0 to 2 percent slopes, rarely flooded	4,404.89	2.04%
BerAr	Berryland sand, 0 to 2 percent slopes, rarely flooded	34.20	0.02%
BEXAS	Berryland and Mullica soils, 0 to 2 percent slopes, occasionally flooded	2,168.64	1.01%
MakAt	Manahawkin muck, 0 to 2 percent slopes, frequently flooded	11,217.47	5.20%
MamnAv	Mannington-Nanticoke complex, 0 to 1 percent slopes, very frequently flooded	2,462.59	1.14%
MamuAv	Mannington-Nanticoke-Udorthents complex, 0 to 1 percent slopes, very frequently flooded	2,870.35	1.33%
	Farmland of unique importance total	23,726.62	11.00%
AvuB	Aura-Urban land complex, 0 to 5 percent slopes	5,806.80	2.69%
AvuC	Aura-Urban land complex, 5 to 10 percent slopes	346.11	0.16%
BuuB	Buddtown-Urban land complex, 0 to 5 percent slopes	408.36	0.19%
ChsAt	Chicone silt loam, 0 to 1 percent slopes, frequently flooded	164.79	0.08%
CoeAs	Colemantown loam, 0 to 2 percent slopes, occasionally flooded	226.12	0.10%
СорВ	Collington-Urban land complex, 0 to 5 percent slopes	741.90	0.34%
DouB	Downer-Urban land complex, 0 to 5 percent slopes	2,213.39	1.03%
EveC	Evesboro sand, 5 to 10 percent slopes	972.42	0.45%
EveE	Evesboro sand, 15 to 25 percent slopes	2.12	0.00%
EvuB	Evesboro-Urban land complex, 0 to 5 percent slopes	218.37	0.10%
FauB	Fallsington-Urban land complex, 0 to 5 percent slopes	1,065.45	0.49%
FmhAt	Fluvaquents, loamy, 0 to 3 percent slopes, frequently flooded	5,585.83	2.59%
FrkE	Freehold sandy loam, 15 to 25 percent slopes	1,862.78	0.86%
FrkF	Freehold sandy loam, 25 to 40 percent slopes	665.70	0.31%
FrrB	Freehold-Urban land complex, 0 to 5 percent slopes	5,731.87	2.66%
FrrC	Freehold-Urban land complex, 5 to 10 percent slopes	47.55	0.02%
HbrB	Hammonton-Urban land complex, 0 to 5 percent slopes	466.62	0.22%
JduA	Jade Run-Urban land complex, 0 to 2 percent slopes	69.37	0.03%
KeuB	Keyport-Urban land complex, 0 to 5 percent slopes	120.88	0.06%
LakB	Lakehurst sand, 0 to 5 percent slopes	492.21	0.23%
LasB	Lakewood sand, 0 to 5 percent slopes	985.55	0.46%
LatvB	Lakewood-Quakerbridge complex, 0 to 5 percent slopes	1,402.42	0.65%
MaoD	Marlton sandy loam, 10 to 15 percent slopes	33.52	0.02%

	Table 2. Soils of Gloucester County						
Abbr	Soil Description	Acres	% of Co.				
MaoD2	Marlton sandy loam, 10 to 15 percent slopes, eroded	396.58	0.18%				
MauB	Marlton-Urban land complex, 0 to 5 percent slopes	503.63	0.23%				
PEEAR	Pedricktown, Askecksy, and Mullica soils, 0 to 2 percent slopes, rarely flooded	64.82	0.03%				
PHG	Pits, sand and gravel	1,568.94	0.73%				
SabD	Sassafras loamy sand, 10 to 15 percent slopes	973.23	0.45%				
SabF	Sassafras loamy sand, 15 to 40 percent slopes	338.23	0.16%				
SapB	Sassafras-Urban land complex, 0 to 5 percent slopes	1,358.70	0.63%				
UdauB	Udorthents-Urban land complex, 0 to 8 percent slopes	361.34	0.17%				
UddB	Udorthents, dredged materials, 0 to 8 percent slopes	1,823.90	0.85%				
UddrB	Udorthents, dredged materials-Urban land complex, 0 to 8 percent slopes	505.45	0.23%				
UdrB	Udorthents, refuse substratum, 0 to 8 percent slopes	243.74	0.11%				
UR	Urban land	4,343.33	2.01%				
USAURB	Urban land-Aura complex, 0 to 5 percent slopes	1,409.92	0.65%				
USDOWB	Urban land-Downer complex, 0 to 5 percent slopes	1,765.44	0.82%				
USFREB	Urban land-Freehold complex, 0 to 5 percent slopes	1,845.70	0.86%				
USSASB	Urban land-Sassafras complex, 0 to 5 percent slopes	648.68	0.30%				
USWESB	Urban land-Westphalia complex, 0 to 5 percent slopes	492.54	0.23%				
WeeD2	Westphalia fine sandy loam, 10 to 15 percent slopes, eroded	77.21	0.04%				
WeeF	Westphalia fine sandy loam, 15 to 40 percent slopes	555.33	0.26%				
WehB	Westphalia-Urban land complex, 0 to 5 percent slopes	2,040.93	0.95%				
WehC	Westphalia-Urban land complex, 5 to 10 percent slopes	498.23	0.23%				
WooB	Woodstown-Urban land complex, 0 to 5 percent slopes	2,181.42	1.01%				
WATER	Water	10,305.15	4.78%				
	Not prime farmland total	63,932.61	29.65%				
	Grand Total	215,617.54					

#### **Irrigated Land & Water Sources**

Irrigated land is defined by the Census of Agriculture as "all land watered by any artificial or controlled means, such as sprinklers, flooding, furrows or ditches, sub-irrigation, and spreader dikes. Included are supplemental, partial, and preplant irrigation," as well as "livestock lagoon waste water distributed by sprinkler or flood systems." (2012 Census Appendix B)

Irrigation plays an important role in the agricultural industry of Gloucester County. Some of the County's sandier soils are easily over-dried, and require irrigation to maintain adequate growing conditions. Many of the County's staple crops – including vegetables, ornamentals, and fruit – need well-irrigated soils in order to develop.

Since 1997, there is a downward trend in the use of irrigation in Gloucester County. The number of farms with lands in irrigation has decreased by 37%, total acreage on farms with irrigation (including portions not irrigated) has decreased by 16%, and the number of acres in irrigation has decreased by 29%. Irrigated farmland as a percentage of all Gloucester County farmland and total acres irrigated were highest in 2007, at 28%, while the number of farms with irrigation continued to decline. In 2012, 137 farms irrigated 9,009 acres, representing 21% of all farmland. (*Table 3. Gloucester County Farms with Land in Irrigation*)

According to New Jersey farmland assessment for 2011, the majority of irrigated acres were planted with vegetable, ornamental, field and/or fruit crops in towns along the Salem County border including Elk, Franklin, South Harrison, and Woolwich Townships. (*New Jersey Farmland Assessment data*)

Table 3. Gloucester County Farms with Land in Irrigation						
	1997	2002	2007	2012	% Change 1997-2012	
# of Farms	217	176	191	137	-37%	
Land in irrigated farms	29,585	24,683	26,958	24,717	-16%	
Harvested	12,450	11,349	12,751	8,969	-28%	
Pasture/Other	176	173	140	40	-77%	
Total Acres Irrigated	12,626	11,522	12,891	9,009	-29%	
Percent of Total Farmland	22%	23%	28%	21%		
Source: Census of Agriculture						

Groundwater is the primary source of water for irrigation in Gloucester County. Farmers use on-site wells that are dug into underlying bedrock aquifers to access groundwater. The productivity of on-site wells is determined by the capacity of the aquifers beneath them and the demand from competing water uses. Aquifer capacity is greatest if it is made up of sandy, porous substrate and bordered by confining layers of non-porous clay or rock material that trap water between them.

Gloucester County rests upon a number of highly productive aquifers. Unfortunately, many of these aquifers are experiencing significant development within their recharge zones – areas where surface waters percolate into the aquifers – and are becoming contaminated. According to the Gloucester County website, "The quality and quantity of drinking water has become a significant issue in the County during the last couple of years." The quality and abundance of the groundwater reserves within these aquifers are critically important to the viability of local agriculture, especially during dry seasons. The

Gloucester County Natural Resources Planning Study<sup>6</sup> identifies three principal aquifers that supply potable water. (Figure 6. Principal Aquifers, Gloucester County)

The <u>Potomac-Raritan-Magothy</u> (<u>PRM</u>) <u>Aquifer</u> serves areas in Gloucester County between the Delaware River and the Mt. Laurel-Wenonah outcrop. Wells that are dug into this aquifer can yield up to 1,400 gallons per minute (gpm) – more than any other aquifer in the County. The PRM is primarily tapped by industrial operations and commercial water companies that service residents near the Delaware River. (*Gloucester County Natural Resources Planning Study*)

The PRM Aquifer has experienced booming demand in recent years. Consequently, its capacity has been greatly reduced, and saltwater from the Delaware River has begun to infiltrate its fresh groundwater supplies. The New Jersey Department of Environmental Protection established Water Supply Critical Area #2 in 1993 to maintain the viability of the PRM Aquifer. This initiative mandated that water use from areas served by the PRM Aquifer be reduced by 22%. The majority of Gloucester County, excluding its northwest corner, falls within the affected area (Figure 7. Water Supply Critical Area No.2, Gloucester County).

The <u>Mount Laurel-Wenonah (MLW) Aquifer</u> serves areas in central Gloucester County between its outcrop area and that of the Kirkwood-Cohansey Aquifer to the southeast. It is made up mostly of sandy substrate and can supply wells that yield up to 200 gpm.

The demand upon the MLW Aquifer increased substantially after the creation of Water Supply Critical Area #2. Rapidly developing areas in northern Gloucester County have relied more heavily upon the MLW Aquifer as an alternative to the PRM Aquifer, and the yields of private wells that tap the MLW have declined as a result. (*Navoy*, 2001)<sup>7</sup> Large agricultural areas in Woolwich, East Greenwich, and Harrison Townships rely upon the Mount Laurel-Wenonah Aquifer for irrigation water, and their continued viability depends upon more limited, sustainable demand on this groundwater resource.

The <u>Kirkwood-Cohansey Aquifer</u> underlies the portion of Gloucester County south of its outcrop area, which runs through South Harrison Township and north of Pitman into Washington Township. Its loamy substrate supports wells that can yield up to 800 gpm to the residential and agricultural land uses above it.

The Kirkwood-Cohansey is an unconfined aquifer that is recharged directly by surface precipitation. Consequently, the Kirkwood-Cohansey Aquifer and the areas it supports are highly susceptible to surface contamination from any liquids that penetrate its surface soils. The County website reports that "water from this aquifer is known to be a low pH and contain high levels of iron and manganese. In addition, contamination from radium and mercury has been found." Septic systems, chemical spills, and agricultural fertilizers could potentially contaminate this aquifer, and special care should be taken to prevent pollution from these sources." The Kirkwood-Cohansey also provides the base flow for the region's water bodies. Excessive extractions from the aquifer would negatively affect the rivers and streams of southern Gloucester County. (*Navoy*, 2001)

#### **Distribution of Agricultural Lands**

The majority of Gloucester County's active agricultural lands are clustered along its border with Salem County. Municipalities in this area tend to have the highest concentrations of farmland among all Gloucester County towns. Development trends, rather than physical features, have determined where farmland remains the predominant land use in the County. Growth pressures have consumed most of the farmland in towns adjacent to Camden County while towns farther away from urban centers have retained their rural, agricultural character (*Table 4. Active Agricultural Land in Gloucester County*).

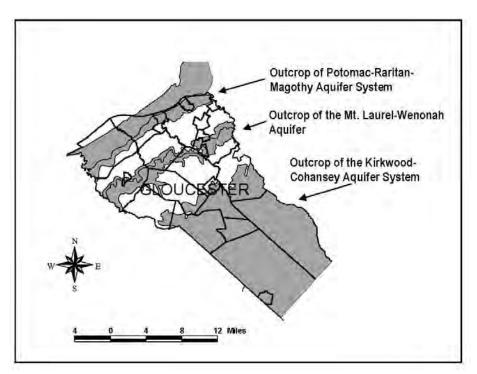


Figure 6. Principal Aquifers, Gloucester County
Source: Navoy, A. 2001

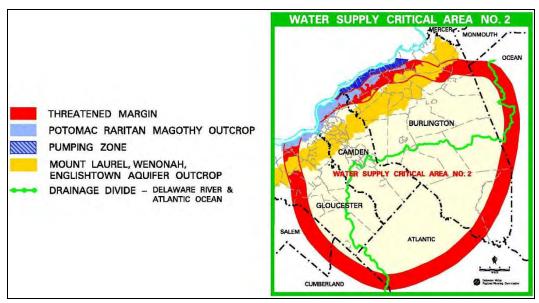


Figure 7. Water Supply Critical Area No.2, Gloucester County Source: Delaware Valley Regional Planning Commission

Table 4. Active Agricultural Land in Gloucester County						
	Cropland Cropland Permanent Total for					
	Harvested	Pastured	Pasture	Agricultural Use		
Municipality	(Acres)	(Acres)	(Acres)	(Acres)		
Source: 20	12 New Jersey Fa	armland Assess	ment data			
Clayton Borough	417	1	29	447		
Deptford Township	492	8	115	615		
East Greenwich Township	2,523	84	227	2,834		
Elk Township	5,177	30	84	5,291		
Franklin Township	6,213	117	594	6,924		
Glassboro Borough	245	0	10	255		
Greenwich Township	557	2	8	567		
Harrison Township	3,484	36	180	3,700		
Logan Township	3,221	29	211	3,461		
Mantua Township	1,946	52	176	2,174		
Monroe Township	1,887	152	231	2,270		
National Park Borough	0	0	0	0		
Newfield Borough	138	0	0	138		
Paulsboro Borough	23	0	0	23		
Pitman Borough	12	0	0	12		
South Harrison Township	2,594	124	183	2,901		
Swedesboro Borough	22	0	0	22		
Washington Township	675	13	83	771		
Wenonah Borough	0	0	0	0		
West Deptford Township	469	33	113	615		
Westville Borough	0	0	0	0		
Woodbury City	0	0	0	0		

Table 4. Active Agricultural Land in Gloucester County					
	Cropland Harvested	Cropland Pastured	Permanent Pasture	Total for Agricultural Use	
Municipality	(Acres)	(Acres)	(Acres)	(Acres)	
Woodbury Heights Borough	0	0	0	0	
Woolwich Township	5,309	65	225	5,599	
Total	35,404	746	2,469	38,619	

#### **Summary**

The landscape of Gloucester County is conducive to the production of various agricultural products. Gloucester County's large areas of agriculturally productive soils contribute to the productivity of local crop farms. The success of agriculture in Gloucester County is threatened by, among other things, water availability due to competition from other land uses and potential contamination of groundwater from nearby residential, industrial, and commercial areas. The continuing fragmentation of the County's agricultural landscape by expanding development patterns is reducing the availability of land for agricultural production and threatening the long-term viability of farming.

# CHAPTER 2: AGRICULTURAL INDUSTRY IN GLOUCESTER COUNTY



The farming industry of Gloucester County is an invaluable part of New Jersey's agricultural economy. It ranks fifth in the state (out of 20 counties) for market value of crops sold and sixth for livestock sales. Within the crop category, Gloucester County ranks third for value of vegetable sales, fourth for fruits and fifth for nursery and greenhouse. Within the livestock category, the County ranks second for value of sales of hogs and pigs and fourth for milk from cows. (2012 Census of Agriculture)<sup>8</sup>

In terms of production, Gloucester County ranks third among counties for acres of vegetables and winter wheat harvested; fourth for soybeans; and sixth for corn for grain. It is among the nation's most prolific areas for growing peaches, and is the State leader in both peach and apple production. (NJDA)<sup>9</sup>

In addition to its importance within the State's agricultural economy, farming in Gloucester County is a considerable part of the local economy. Agriculture accounted for more than \$87.7 million in sales during 2012 compared to \$93.9 million in 2007 and \$66 million in 2002. In Gloucester County, in addition to the 7% decline in sales from 2007 to 2012, there was a 7% decline in farmland; statewide, farmland declined by only 3% while sales rose by 2%. While overall sales in the County were down 7% from 2007, average sales per farm were up 7% to \$150,154. The sector with the largest decline in the 2007-2012 period was vegetables, down 25%. (Census of Agriculture)

While agricultural sales represented less than one percent of the County's overall business sales according to the latest available economic census (2007 Economic Census)<sup>10</sup>, agriculture exerts a considerable economic influence through its many market linkages. Agriculture directly supports ancillary businesses, such as equipment suppliers and livestock veterinarians. Sales from these businesses, as well as direct sales to consumers, are not fully encompassed within Census agriculture sales figures. However, these sales are entirely dependent upon an active local agriculture industry to create the necessary demand for their services.

Farms provide indirect support to the local economy as well. They offer seasonal employment opportunities for young residents and temporary workers who, in turn, patronize local stores and businesses. Tourists who visit Gloucester County to enjoy its scenic agricultural landscapes, patronize its farm stands, markets and other on-farm

activities, and also support local restaurants and motels. The influence of these agricultural linkages on Gloucester County's economy is evident.

Agriculture also provides a greater economic benefit to the Gloucester County community than other land uses. Farms require few, if any, municipal services while residential neighborhoods and commercial districts demand significant expenditures on road improvements, sewers, and schools. Many studies have found that New Jersey municipalities spend between \$1.04 and \$1.67 on services for residential developments per \$1.00 in tax revenues levied on them – a net loss to local governments. Meanwhile, towns spend between \$0.27 and \$0.33 per \$1.00 levied on farm assessed properties, and thus agriculture provides a net gain to local governments. (*ANJEC*, 2004)<sup>11</sup> In fact, farms also provide many external benefits, such as groundwater filtration and stormwater control, which local governments might otherwise have to pay to supply.

Additionally, farms generate a positive cash flow to the Gloucester County economy by selling their products to buyers based outside the County, such as distributors and agritourists. Local farmers spend the revenue earned from these sales locally, which supports the County's economy. Contrarily, retail stores and other non-agricultural firms that cater to local residents often send their revenues out of the County. In this way, agricultural production is preferable to other kinds of business activities as it promotes a more stable and independent local economy.

Gloucester County is especially well-positioned to benefit from positive cash flows from agricultural production. Retailers, wholesalers, and tourists from the greater-Philadelphia region produce a large demand for locally-grown farm goods. This market, as well as the exceptional productivity and resourcefulness of local farmers, will help sustain agriculture in Gloucester County into the future.

#### **Statistical Resources**

Agricultural production and market value trends were calculated using data from the United States Department of Agriculture's National Agriculture Statistics Service, including annual surveys and the census that is undertaken every five years. The 2012 Census was released in May 2014. The agricultural yields for many products have been tabulated annually since 1953, while the yields of other products have been recorded only in more recent years. Historical pricing information for some of these products is also available. These historical trends are supplemented by weather and production information from the annual reports of the New Jersey Department of Agriculture (New Jersey Department of Agriculture Annual Reports)<sup>12</sup>. New Jersey Farmland Assessment data, which quantifies the land area devoted to agricultural uses and products by County and municipality, is also referenced in sections of this document.

#### **Agricultural Production and Market Trends – Overview**

Gloucester County's agricultural industry supports a wide variety of farmers, farming operations, and support businesses. Career farmers as well as part-time, second-career, and "hobby" farmers produce agricultural goods within the County. Gloucester County's

farms range in size from five acres to more than 2,000 acres, and its farms sell anywhere from a few hundred to a few million dollars' worth of agricultural products annually. The County relies upon its staple nursery and vegetable crops, but also produces substantial harvests of other crops as well as dairy and livestock goods. This diversity forms the basis of the strong and sustainable agricultural industry that exists in Gloucester County.

#### **Farm Units**

The 2012 Census of Agriculture reports that there are 584 farm units within Gloucester County, down from 669 in 2007 and 692 in 2002. These farms noticeably decreased in average size between 1997 and 2002, but have remained relatively stable since then (Figure 8. Gloucester County Average and Median Farm Size: 1982-2012). The earlier decrease in farm sizes was caused by two primary factors: 1) many small, "estate" farms were established by second-career and hobby farmers – a practice that has become much more attractive in recent years; and 2) record high land values during the early 2000's prompted many farmers to subdivide and sell portions of their properties while continuing to farm on their remaining lands. Today, the majority of the County's farms are small (median size 17 acres).

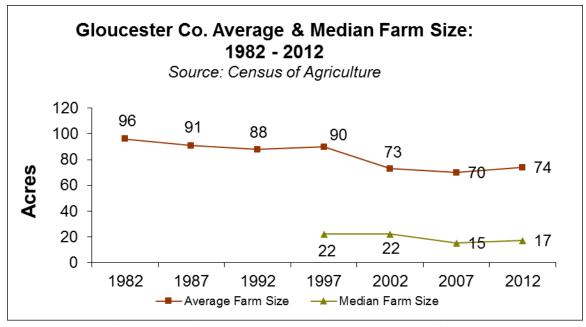


Figure 8. Gloucester County Average and Median Farm Size: 1982-2012

Despite the trend towards decreasing farm size, the role of large farm operations in Gloucester County has never been more important. A majority of farms in Gloucester County produce less than \$10,000 in agricultural products each year, but these farms together occupy only a very small portion of the County's agricultural sales (*Figure 9. Gloucester County Number of Farms / Sales Category: 1987-2012*). Instead, the comparatively few high-earning farms that annually sell more than \$500,000 worth of

goods form the backbone of the Gloucester County agricultural economy, accounting for more than 80% of its total sales. High-yielding producers have secured a larger portion of the County's agricultural sales over the last twenty-five years, by increasing their market share from around 30% in 1987 to 80.5% in 2012. In addition, the number of farms in each category has changed over the years, with farms selling less than \$1,000 showing the most volatility, spiking in 2002 at 270, perhaps due to drought conditions that may have depressed sales overall. Farms with sales between \$1,000 and \$9,999 have remained most stable between 1987 and 2012, while farms with sales from \$10,000 to \$500,000 have shrunk by about 50% and farms with sales of \$500,000 and above have increased more than 100%, from 17 to 37. (Figure 9. Gloucester County Number of Farms / Sales Category: 1987-2012, Figure 10. 2012 Gloucester County Sales by Farm and Figure 11. Gloucester County Sales by Farms: 1987-2012)

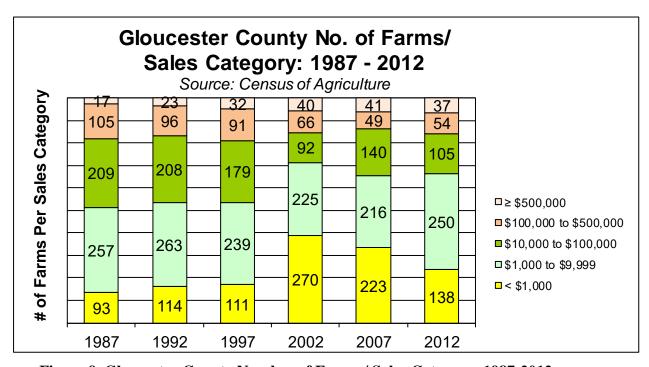


Figure 9. Gloucester County Number of Farms / Sales Category: 1987-2012

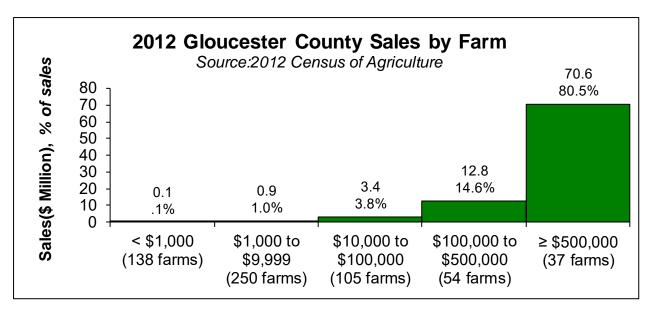


Figure 10. 2012 Gloucester County Sales by Farm

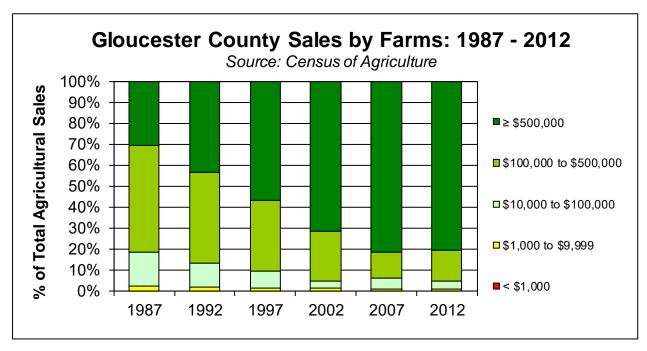


Figure 11. Gloucester County Sales by Farms: 1987-2012

The trend represented by the above chart has been perpetuated by statewide growth in the vegetable and nursery sectors. These products are subject to significant economies of scale because their production requires substantial expenditures on infrastructure, such as irrigation systems and greenhouses. Larger farms are more likely to incorporate the necessary infrastructure and capture bigger percentages of the market share than smaller operations. A number of small, estate farms have been established that may sell only the minimum amount of agricultural products necessary to retain farmland assessment. This

practice causes there to be a very high number of low-earning farms that capture a small portion of the County's agricultural market share.

#### **Agricultural Sales**

The Census of Agriculture separates agricultural activities into two categories: "crops, including nursery and greenhouse" and "livestock, poultry and their products." County sales from crops, including nursery and greenhouse, increased steadily from \$42.3 million in 1987 to \$62 million in 2002 despite drought conditions that year. Crop sales spiked to \$88 million in 2007, followed by a decline to \$82.3 million in 2012, perhaps as a result of loss of farmland, since state and national figures continued to increase. Crop sales in 2012 accounted for 93.9% of the County's total agricultural sales, which is higher than the state average of 88.5%.

Sales from livestock, poultry and their products for the same period experienced a County high of \$5.8 million in 2007, falling to \$5.4 million in 2012. Livestock sales statewide also fell between 2007 and 2012, while national sales increased. (*Figure 12. Gloucester County Agricultural Sales:* 1987-2012) Both in Gloucester County and statewide the number of farms involved in crop sales declined during this period although the number of farms at the national level grew. At the national, state and county levels, fewer farms were involved in livestock sales in 2012 than in 2007. (*Census of Agriculture*)

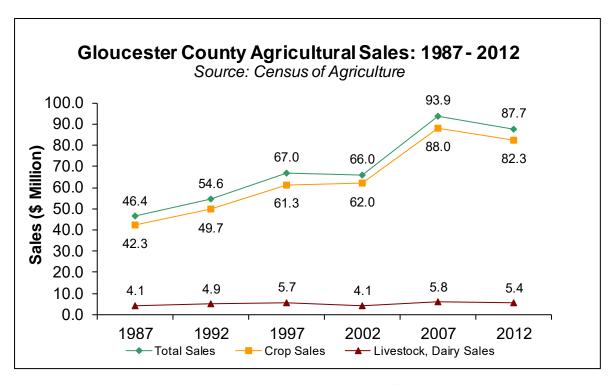


Figure 12. Gloucester County Agricultural Sales: 1987-2012

#### **Crop Sales & Production Overview**

The crops produced in Gloucester County can be divided into seven general categories: vegetables, nursery/greenhouse products, fruits, grains, cut Christmas trees and short rotation wood crops, and other crops and hay. In prior years, Cut Christmas trees were included with other crops and hay, but in 2012, they were reported as a separate crop category. Sales figures for this category were not disclosed, but 42 farms had sales in the cut Christmas trees and short rotation woody crops category in 2012 versus 52 farms in 2007. In another change in 2012, sales of berries were reported separately from sales of fruit and tree nuts. In Gloucester County, sales of berries were not disclosed to protect individual farmers' data, so the only figure available for the category was fruit/tree nut sales, thus depressing the 2012 figures in comparison to 2007. Trends for crops within the five categories with reported sales are represented in *Figure 13. Gloucester County Crop Sales: 1987-2012* and *Figure 14. 2012 Gloucester County Crop Sales*.

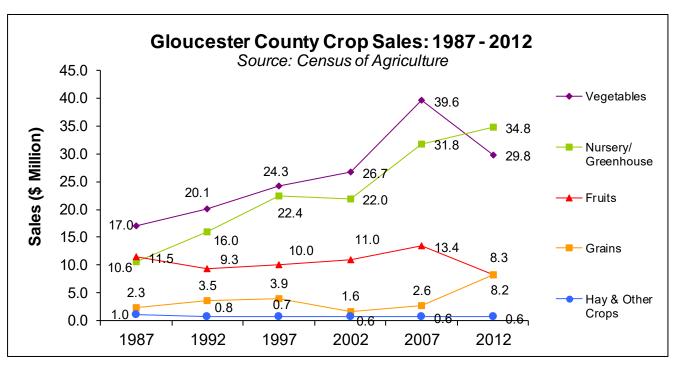


Figure 13. Gloucester County Crop Sales: 1987-2012

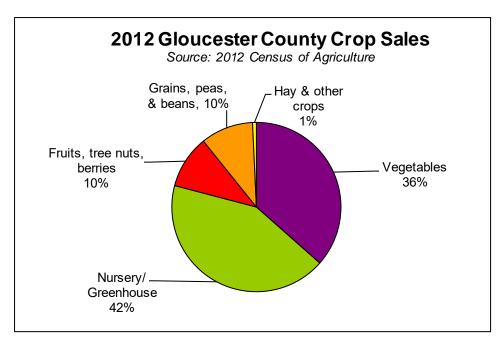


Figure 14. 2012 Gloucester County Crop Sales

#### **Vegetables**

Vegetables, melons, potatoes and sweet potatoes (vegetables) was Gloucester County's highest selling agricultural sector in 2002 and 2007, but fell to second place in 2012, behind the nursery/greenhouse sector. Sales in 2002 were roughly \$26.7 million; despite drought conditions, low supply caused prices to rise high enough to offset reduced production capacity. In 2007, sales of vegetables and vegetable goods reached \$39.6 million, or 45% of crop sales. The total fell in 2012 to \$29.8 million, representing a decline to 36% of the crop category. This is still higher than the statewide average of 25.5% of crop sales and 22.4% of all agricultural sales. (*Census of Agriculture*)

More than 40 types of vegetables, herbs, melons and potatoes were harvested from 7,070 acres in Gloucester County during 2012, down from 9,907 acres in 2007 but close to the 7,248 acres harvested in 2002. Tomatoes (1,091 acres), bell peppers (1,275 acres), squash (1,186 acres) and cucumbers and pickles (719 acres) had the largest acreages of harvested crops. In addition, significant harvests of asparagus (478 acres), sweet corn (474 acres), and cabbage (192 acres) were gathered in Gloucester County. 1,332 acres of vegetables on 11 farms were harvested for processing and 5,738 acres on 90 farms were harvested for fresh market. (2012 Census of Agriculture)

Farms that grow vegetables and vegetable products tend to be among the highest-earning operations in Gloucester County. Roughly 34% of the County's agricultural sales come from vegetables, yet vegetable crops occupy only 16% of County farmland and are grown on 91 out of 584 farms. (*Census of Agriculture*) While vegetable products sold by the County's farmers have much higher market values than most other agricultural goods, what is not captured by these sales figures is that vegetables require comparatively higher input costs, which reduce their net value. Economy-of-scale production infrastructures, such as irrigation systems, are best able to maximize the net sales revenue that farms take

in from producing and selling vegetable products. These costly, high-capital production methods are affordable primarily to larger agricultural operations, and therefore the larger operations are the most common producers of these high-intensity products.

#### Nursery/Greenhouse

The nursery, greenhouse, floriculture and sod (nursery) subsector – which encompasses flowers, flower seeds, landscaping plants, trees/shrubs, and other products – was Gloucester County's highest grossing crop category in 2012. Sales of these products totaled \$34.8 million, up 9% from 2007 and 58% from 2002.

The nursery sector accounted for 42% of the County's crop sales and 34% of its overall agricultural sales (*Figure 14. 2012 Gloucester County Crop Sales*). At 42%, the market share of Gloucester County agricultural sales comprising nursery and greenhouse products is slightly lower than the 45% for New Jersey as a whole.

In Gloucester County in 2012, this sector surpassed all other categories, including vegetables, in sales per farm, with an average of \$457,566 versus \$327,780 for vegetables and an overall average per farm of \$87,690. The County's agricultural sales percentage from nursery, greenhouse, and sod operations (34%) is much higher than the proportion of the County's farms (76 of 584, or 13%) that grow these products. Nursery/greenhouse farms take in more than five times the County average in sales earnings, and require comparatively little land to do so. (*Census of Agriculture*)

In 2012, bedding/garden plants were by far the largest category of plants grown under cover, occupying 1,159,121 square feet (approximately 26.6 acres), and 61 acres in the open; cut flowers and florist greens occupied 57 acres in the open (under cover figures were not disclosed). Five farms grew vegetables and/or herbs under 88,820 square feet of cover (approximately 2 acres). Nursery stock, including ornamentals, shrubs, shade & flowering trees, evergreens and live Christmas trees, ornamental grasses and vines, and bare root herbaceous perennials, was predominantly grown in the open, occupying 965 acres, with another 337,830 square feet (approximately 8 acres) under cover. There was only one farm reporting harvested sod. (2012 Census of Agriculture)

Similar to vegetable products, nursery, greenhouse, and sod goods have higher market values than most other agricultural goods, but also require comparatively higher input costs. Nursery stock, such as trees and shrubs, require costly chemical inputs, such as fertilizers and pesticides, as well as enough labor capacity to maintain and package them for sale. Economy-of-scale production methods, which are mostly utilized by large-scale operations, capture the highest profit margins among producers of greenhouse/nursery goods.

#### Fruit, Tree Nuts and Berries

Berries were reported separately from fruit and tree nuts in 2012, and to protect farmer privacy, berry sales were disclosed. As a consequence total sales for this category were not available, but fruit and tree nut sales totaled \$8.28 million in 2012; combined fruit/tree nut/berry sales had totaled \$13.95 million in 2007 and \$9.96 million in 1997. In 2012, there were 47 operations with fruit, tree nut and/or berry sales, versus 58 in 2007

and 65 in 1997. The share of agricultural sales that come from fruit has steadily decreased since 1987. At that time, fruit accounted for more than 27% of the County's crop sales compared to 15% in 2007. (Census of Agriculture) This is due to declining acreage for this sector and rising sales for the nursery and vegetable sectors. (Figure 15. Gloucester County Peach Production: 1994-2010)

Peaches are the strongest contributor to the fruit industry in Gloucester County. Approximately 2,060 acres were planted with peach trees in 2012, down from 4,232 in 2002. The number of operations declined from 42 in 2002 to 24 in 2012. While Census figures for peach production are not available at the county level in New Jersey, an annual survey conducted by the National Agricultural Statistics Service shows that between 2008 and 2010, production levels rose to match those of 1999, despite fewer farms and fewer acres being engaged. Apples – the County's second most important fruit product – have been experiencing a prevailing downward production trend since 1995. (Figure 16. Gloucester County Apple Production: 1972-2009) This trend has been observed across southern New Jersey, and is attributable largely to stiffening competition from growers outside the state. Acreage devoted to apple production totaled 290 in 2012 down from 433 in 2012; operations declined from 32 to 19. (Census of Agriculture and NASS Surveys)

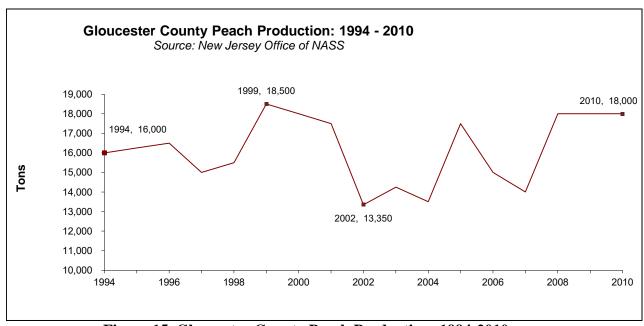


Figure 15. Gloucester County Peach Production: 1994-2010

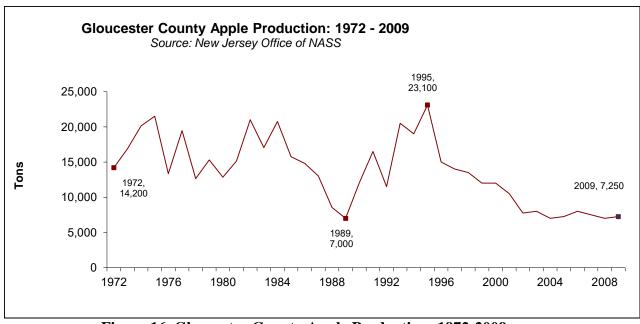


Figure 16. Gloucester County Apple Production: 1972-2009

Similar to vegetables and nursery products, fruit crops require significant investments to maximize profitability. Regular applications of pesticides are particularly important for growing peaches and apples, and agricultural labor is usually required for harvesting, packaging, and selling them. These requirements make fruit more suitable for large and well-financed farms. However, fruit is also a popular product among smaller operations that support agritourism facilities, such as pick-your-owns and roadside farm markets. Agritourism facilities that feature fruit products contribute to the economic viability of smaller farms in Gloucester County.

#### Grains, Oilseeds, Dry Beans and Dry Peas

The crop sector that occupies the most land in Gloucester County is grains, oilseeds, dry peas, and dry beans. In Gloucester County, this category includes predominantly corn, wheat, and soybeans, totaling 16,363 harvested acres in 2012 and representing 54% of all harvested cropland and 38% of all farmland acreage. Acres harvested for soybeans topped the list at 8,677, following by wheat at 3,883 and corn at 3,803. (*Figure 17. 2012 Gloucester County Grain Acreage*) (*Census of Agriculture*)

Sales of products within the grains sector dropped nearly 70% between 1997 and 2002 to \$1.6 million because of severe statewide drought conditions, but rose again, reaching \$2.6 million in 2007 and \$8.2 million in 2012. The number of farms with sales also rose from 115 in 2002 to 150 in 2012 and average sales per farm rose from \$14,000 in 2002 to \$55,000 in 2012. Grains are more affected by weather than most other field crops because they are rarely provided with additional nutrient or water inputs via fertilizers or irrigation. (*Census of Agriculture*) Consequently, grain production tends to experience sharp increases and decreases from year to year. The 2002 Census year saw among the worst grain harvests on record. (*Figure 18. Gloucester County Field Crop Production:* 1972-2013)

Much of the County's grain is produced on local horse and livestock farms that, in turn, use it as feed for their animals. This grain is never sold and is not recorded in the Census sales figures. Consequently, grain plays a much larger role within the local agricultural industry than its sales numbers indicate.

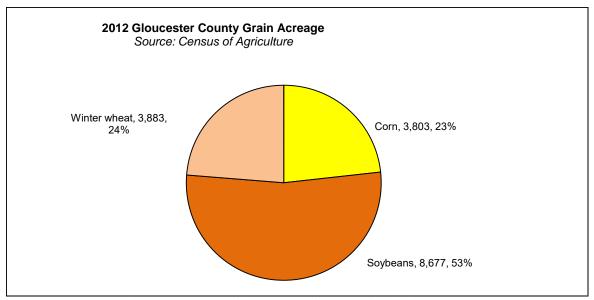


Figure 17. 2012 Gloucester County Grain Acreage

# Hay and Other Crops

Sales of other field crops, totaled \$595,000 in 2012, with 106 farms reporting sales, as compared to 103 farms reporting sales of \$352,000 in 2002. Much of the County's hay is produced on local horse and livestock farms that, in turn, use it as feed for their animals. This hay is never sold and is not recorded in the Census sales figures. Consequently, hay plays a much larger role within the local agricultural industry than its sales numbers indicate.

152 operations reported harvesting hay and/or haylage in 2012 versus 174 in 2002 and 155 in 1992. Acres harvested in those three years were 3,664, 4,239 and 3,669 respectively. The yield in tons per acre in 2012 was 2.5, higher than in 1992 or subsequent reporting years. Hay is a low-intensity crop to grow because it does not require the substantial inputs of fertilizers, irrigation, or labor that are necessary with other field crops. Increases in the costs of these inputs have encouraged farmers in Gloucester County to continue to rely on hay production. The higher acreage in 2002 may be ascribed to its being a drought year, with hay replacing other, higher investment crops. Hay will continue to play a role in the County's agriculture industry in the future.

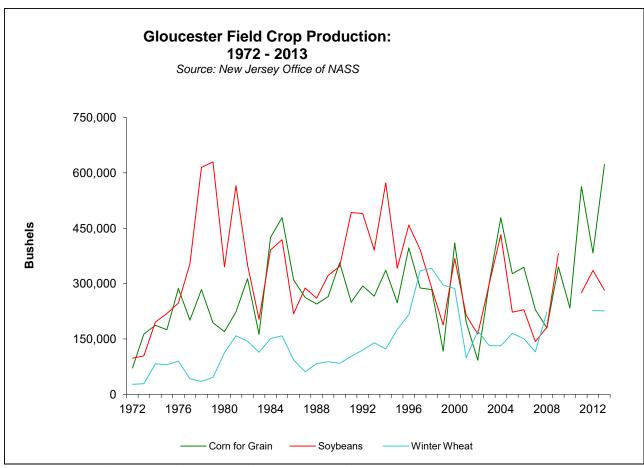


Figure 18. Gloucester County Field Crop Production: 1972-2013

# Cut Christmas Trees and Short Rotation Woody Crops

42 farm operations had sales in this sector in 2012 versus 52 in 2007. Sales in 2007 were \$83,000; sales for 2012 were not disclosed. (*Census of Agriculture*)

### Livestock

The livestock sector in Gloucester County is composed of sales from dairy, cattle, hog/pig, equine, poultry and other livestock operations. Gloucester County livestock products sold for \$5.4 million in 2012, or roughly 6% of the County's total agricultural sales. (Figure 19. 2012 Gloucester County Livestock Sales (\$Millions)) (Census of Agriculture) The livestock industry is important to agriculture in Gloucester County because it consumes other agricultural products, such as feed crops, and uses a wide range of agricultural services including large animal veterinarians, creameries, and processing plants. (Figure 20. Gloucester County Livestock Sales: 1987-2012)

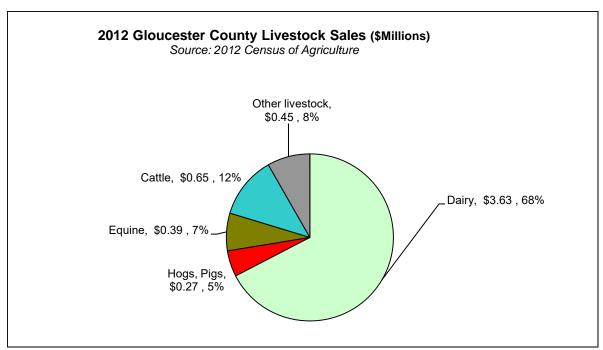


Figure 19. 2012 Gloucester County Livestock Sales (\$Millions)

Although milk production figures are not available beyond 2007 (Figure 21. Gloucester County Milk Production: 1971-2007), 2012 sales of milk from cows (dairy) outpaced prior years, accounting for 68% of livestock sales in the County (\$3.63 million) and placing it fourth in the state rankings; this is a significant increase over 2002, when dairy represented 55% of the category (\$2.16 million). Dairy sales were not disclosed in the 2007 census, causing a gap in the Dairy line in the historical livestock sales (Figure 20. Gloucester County Livestock Sales: 1987-2012), and an abnormal spike in the Other Livestock sales category.

Sales of cattle and calves represented 12% of livestock sales in the County, totaling \$648,000, ranking second in the County and sixth in the state. While the number of farms with cattle inventory has declined 42% from 119 in 1987 to 69 in 2012, the inventory has declined by only 15% to 2,423. (*Census of Agriculture*)

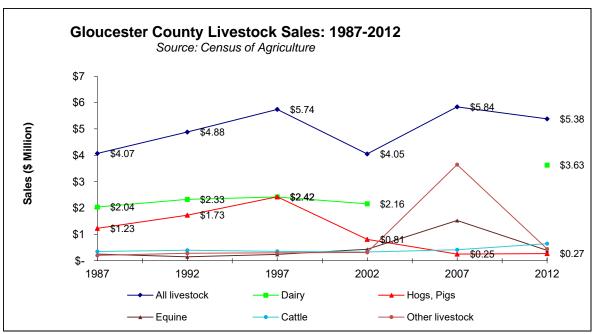


Figure 20. Gloucester County Livestock Sales: 1987-2012

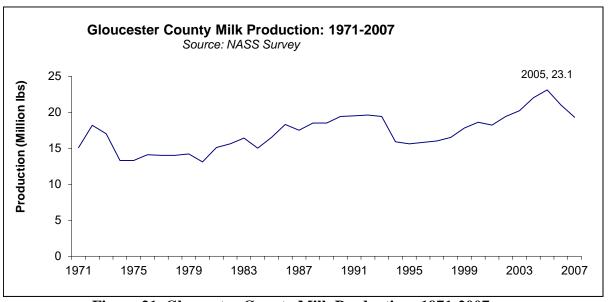


Figure 21. Gloucester County Milk Production: 1971-2007

The equine sector, horses and ponies, accounted for 7% of sales in the County and ranked eighth in the state. Sales in this category totaled \$435,000 in 2002, spiked to \$1.5 million in 2007, then dropped to \$390,000 in 2012. The number of animals sold rose over the last three censuses, with 113 sold in 2002, 128 in 2007 and 173 in 2012. But sales do not accurately reflect this category's importance in the County. Only 55 of the County's 191 farms that keep horses sold them during 2012. The remaining farms boarded horses, provided riding lessons, or offered other equine services. The earnings from these activities are not embedded within the horse sales figure presented above. Inventory

levels rose steadily from 543 in 1982 to 1,499 in 2002 but declined in 2012 to 1,233, and the number of farms with horses and ponies has generally followed the same curve as inventory. (*Census of Agriculture*)

Sales of hogs and pigs, at \$271,000 ranked second in the state in 2012 and represented 5% of the County's livestock sales, down from 20% in 2002. In 1969, Gloucester County accounted for 50% of the state's inventory with 40,721 animals, but in 2012, the County's 1,454 hogs and pigs accounted for just 18% of the statewide inventory, which had fallen to 7,901, demonstrating that this is a declining sector statewide). (Census of Agriculture)

In 2012 and 2007, sales in the poultry sector were not reported; therefore, it has been included in the Other Livestock category in the charts above, along with other animals and animal products, including sheep, goats, alpacas, llamas and their products such as wool and milk. Mules, burros and donkeys, included in the other livestock sector through 2007, were included in the equine sector in 2012, but were not a major contributor, with minimal sales and inventory.

# **Agricultural Support Services and Businesses**

Gloucester County is ideally situated to take advantage of the many agricultural businesses and support services that are located throughout southern New Jersey. County farmers patronize the variety of agricultural businesses in towns within the County, such as Pitman, Clayton, Glassboro, Swedesboro, and Williamstown. They also are within close proximity to businesses in neighboring counties, including Salem, Cumberland, and Atlantic, that have significant concentrations of agriculture-oriented businesses.

However, local support businesses are often insufficient to meet all the supply and repair needs of Gloucester County's agricultural community. The County's farmers rely heavily upon mail order retailers and non-local processing facilities in Pennsylvania. Some farmers have found that reliance upon non-local suppliers imposes high shipping and transportation costs that can cut into the profitability of their operations. Consequently, the County's farmers have become adept at minimizing the need for supply and repair services by fixing many mechanical problems themselves and maintaining their equipment. Farmers tend to specialize in some kind of agricultural repair and supplement their incomes by offering their services to other farmers.

There are numerous resource documents that provide information about the agricultural businesses and support services available to Gloucester County's farmers. The "Green Pages," published online at <a href="http://salem.rutgers.edu/greenpages/">http://salem.rutgers.edu/greenpages/</a> by the Rutgers Cooperative Extension of Salem County, includes a detailed listing of all the support organizations, businesses, and services that farmers in southern New Jersey can use. Selected listings from this resource are included as Appendix A. Agricultural Support and Services in Gloucester County to this Plan.

# CHAPTER 3: THE LAND USE PLANING CONTEXT OF GLOUCESTER COUNTY



The land use patterns of Gloucester County exert considerable influence on its agricultural industry. The extension of development infrastructure, such as roads and sewer lines, has facilitated the expansion of urban and suburban areas into rural areas. The growth of urban and suburban communities in the County has benefitted some local farmers by establishing a larger consumer base for their products and creating niche agricultural markets for products such as organic goods and equine services. However, changing land use patterns and expanding development have also reduced the availability of the farmlands and agricultural infrastructure that farmers depend upon to remain profitable. The extension of urban areas into rural environments in Gloucester County has also fueled right-to-farm debates concerning road usage and water rights. As the landscape of Gloucester County continues to evolve, appropriate and effective land use planning efforts will be instrumental in the preservation of farmland and local farmers.

# **Land Use Planning Initiatives**

Gloucester County has been the subject of extensive and sustained land use planning efforts undertaken by all levels of government. Through the *State Development and Redevelopment Plan* and the *Pinelands Comprehensive Management Plan*, New Jersey has recognized Gloucester County as the location of excellent agricultural and natural resource lands. The County incorporates many of the State's policy directives from these plans into its own land use plans, which include the *1982 Gloucester County Development Management Plan*, 2005 Northeast Region Strategic Plan, 1997 Farmland Preservation, Open Space Protection, and Recreational Needs Study and 2008 Comprehensive Farmland Preservation Plan. Many of the County's municipalities also conduct their own master planning efforts and have actively participated in the State's Cross-Acceptance process, and three (Elk, Franklin and Woolwich Townships) have adopted municipal comprehensive farmland preservation plans.

# New Jersey State Development and Redevelopment Plan (2001)

The New Jersey State Planning Commission has written the *State Development and Redevelopment Plan*<sup>13</sup> (SDRP) that outlines general policy objectives concerning land use and future development in the state. The SDRP identifies five principal Planning Areas where different sets of goals and guidelines are considered appropriate to determine development activities. The SDRP also identifies Designated Centers where future development and redevelopment activities are most appropriate and will be

actively promoted. Centers are designated as Urban Centers, Regional Centers, Towns, Villages and Hamlets corresponding to criteria including size, regional location, population, residential and employment densities, and available housing stock. The combination of Planning Areas and Designated Centers establishes a comprehensive framework for pursuing land use and development regulation throughout New Jersey. (Figure 22. Policy Map of the NJ State Development and Redevelopment Plan (SDRP, Gloucester County)

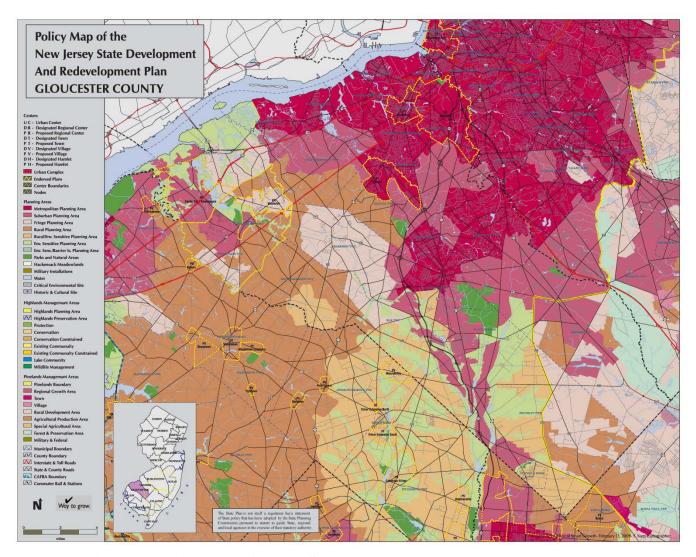


Figure 22. Policy Map of the NJ State Development and Redevelopment Plan (SDRP, Gloucester County)

Source: New Jersey Office for Planning Advocacy

The **Planning Areas** that are identified by the State include Metropolitan, Suburban, Fringe, Rural, Environmentally Sensitive and parklands, where different levels of agricultural production occur. (*Table 5. Active Farmlands in SDRP Planning Areas*)

Table 5. Active Farmlands in SDRP Planning Areas									
SDRP Planning Area	Total Acres	Active Ag Acres	Percent						
Metropolitan (PA1)	42,344.11	1,525.10	3.60%						
Suburban (PA2)	45,646.77	9,900.93	21.69%						
Fringe (PA3)	19,368.86	7,620.48	39.34%						
Rural (PA4)	24,892.64	12,292.75	49.38%						
Rural Env. Sensitive (PA4B)	16,204.29	6,265.72	38.67%						
Environmentally Sensitive									
(PA5)	24,354.35	1,890.91	7.76%						
Parks (PA8)	3,258.68	138.16	4.24%						
Total	176,069.70	39,634.05	22.51%						
Sources: NJ Office for Plann	ing Advocacy, N	J Land Use/Land Co	ver Data						

Metropolitan Planning Areas (PA1) comprise the most densely developed regions in the state. The goals for PA1 revolve around revitalizing existing cities and towns by encouraging compact growth and redevelopment. The Metropolitan Planning Area is identified as the most appropriate location for future development in New Jersey. Gloucester County has 42,344 acres in the Metropolitan Planning Area. Much of this is located along the Delaware River in Westville, National Park, West Deptford, Paulsboro, and Greenwich. PA1 also extends along N.J. 45 south into Woodbury, Woodbury Heights, Deptford, Wenonah, and Mantua. Another portion of PA1 extends west from Camden County farther south into Washington, Pitman, and Glassboro.

Suburban Planning Areas (PA2) are relied upon to support most of the new development that will occur in New Jersey while maintaining the character of its existing communities. Growth in suburban town centers is especially encouraged in order to help protect and preserve the natural resources that are sustained in these areas. The Suburban Planning Area is meant to complement metropolitan areas, and is most commonly found outside heavily urban areas. Gloucester County contains 45,646 acres designated within the Suburban Planning Area, making it the most common Planning Area in the County. Areas of PA2 are primarily located adjacent to the Metropolitan Planning Area in the northeast region of Gloucester County. A concentration of PA2 is found farther west along the Delaware River in Logan, Woolwich, and Swedesboro as well. The Suburban Planning Area also extends south along principal arterials roads such as U.S. 322 into Monroe and N.J. 55 and N.J. 47 through Clayton, Franklin, and Elk.

Fringe Planning Areas (PA3) serve as an interface between suburban and rural areas. They are not as built-up as metropolitan and suburban areas, but may support more development activity than nearby rural lands. Fringe Areas are buffers between these land uses. Consequently, they are often the frontlines of urban sprawl, and must be carefully planned to ensure that development is appropriately restricted to existing urbanized areas. Gloucester County contains 19,368 acres designated as Fringe Planning Area in two concentrated pockets: between U.S. 130 and the New Jersey Turnpike in Logan and Woolwich Townships and around the intersection of U.S. 322 and N.J. 45 in Harrison and Elk Townships.

Rural Planning Areas (PA4) are suitable for the preservation of large contiguous areas of farmland. Sustaining the agricultural industry while confining development and redevelopment within existing towns are included among the policy objectives applicable to these areas. Roughly 24,892 acres of Gloucester County are designated as Rural Planning Area encompassing portions of East Greenwich, Mantua, Harrison, South Harrison, Woolwich, and Elk Townships.

Rural-Environmentally Sensitive Planning Areas (PA4B) are suitable for agricultural development, but contain environmentally sensitive features that must be taken into account. About 16,204 acres of Gloucester County fall within the Rural-Environmentally Sensitive Planning Area. PA4B encompasses farmlands that border sensitive water bodies, such as Oldmans Creek in South Harrison Township and the Maurice River tributaries (Scotland Run, Still Run, and Reeds Branch in Franklin and Elk Townships).

Environmentally Sensitive Planning Areas (PA5) contain lands where natural resource preservation should be the primary planning consideration. Development is minimized or constrained to existing centers while large contiguous natural areas are to be preserved as open space. A total of 24,354 acres are designated as Environmentally Sensitive Planning Area in Gloucester County. PA5 falls immediately adjacent to the PA4B areas and sensitive water bodies in South Harrison, Elk, and Franklin Townships as well as the tidal marshlands on the Delaware River between Raccoon Creek, Cedar Swamp, and Repaupo Creek in Logan and Greenwich Townships.

Parks and Natural Areas comprise Planning Area 8 (PA8). These areas make up 3,258 acres in Gloucester County and occupy lands that are permanently deed restricted for open space or natural resource preservation. Areas of PA8 are scattered throughout the County, but the largest concentration is the more than 2,000 acre Glassboro Wildlife Management Area in Glassboro, Clayton, and Monroe Township.

The distribution of active agricultural acres within the various planning areas is shown in *Figure 23. Active Agricultural Acres within the SDRP Planning Areas*.

Centers are defined by the New Jersey State Planning Commission as "compact forms of development that, compared to sprawl development, consume less land, deplete fewer natural resources and are more efficient in the delivery of public services." (State Development and Redevelopment Plan) Centers become designated after the municipalities or counties that encompass them submit development plans to the State Planning Commission and are subsequently endorsed by the Office of Smart Growth (note the Office of Smart Growth has been replaced by the New Jersey Office for Planning Advocacy, which is working towards a State Strategic Plan to replace the current SDRP). There are various types of center designations that vary according to the characteristics of the urban areas being considered. Different policies concerning land use and the promotion of future development opportunities are applicable in each center. Gloucester County contains no designated Centers, but many proposed areas that meet the descriptions outlined below.

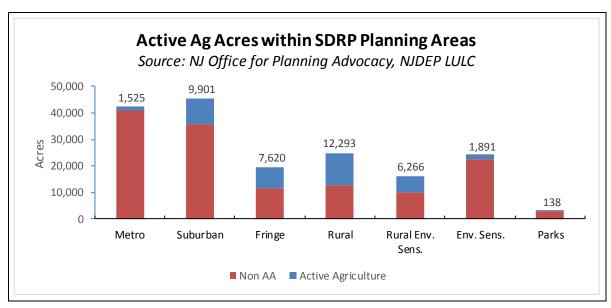


Figure 23. Active Agricultural Acres within the SDRP Planning Areas

*Urban Centers* are the most intensively utilized areas in the state. They serve as concentrations for corporate headquarters, industry, residential areas, and culture. Gloucester County contains no proposed or potential Urban Centers.

Regional Centers are smaller urban areas that provide the various commercial, cultural and residential needs of a geographically-defined region. Regional Centers are generally less than ten square miles. The State Plan Policy Map dated February 13, 2009 indicates:

- Designated Regional Center: Woolwich Township, along the 322 corridor;
- Proposed Regional Center: Center Square-Swedesboro, Logan Township at the Pureland Industrial Complex, extending to Swedesboro along Center Square Road;
- Proposed Regional Center: Deptford, which covers most of PA1 within Deptford.

*Towns* are smaller than Urban and Regional Centers, usually less than two square miles in size. They support residential neighborhoods and offer access to local goods and services as well. The State Plan Policy Map indicates two proposed Town Centers:

- Mantua, encompassing all land within PA1 in Mantua Township; and
- Woodbury, which will completely encompass the City of Woodbury.

Villages are residential neighborhoods that have access to some local public and commercial facilities. Villages are small, occupying less than one square mile. Hamlets are the smallest type of Center. They are small residential communities that are oriented around a local focal point. Gloucester County contains no proposed Villages or Hamlets.

# Pinelands Comprehensive Management Plan

The *Pinelands Comprehensive Management Plan* is a regional plan for the Pinelands. 33,565 acres of southern Monroe and Franklin Townships fall within its management areas and outside the purview of the SDRP. (*Figure 24. New Jersey Pinelands Land Capability Map*)

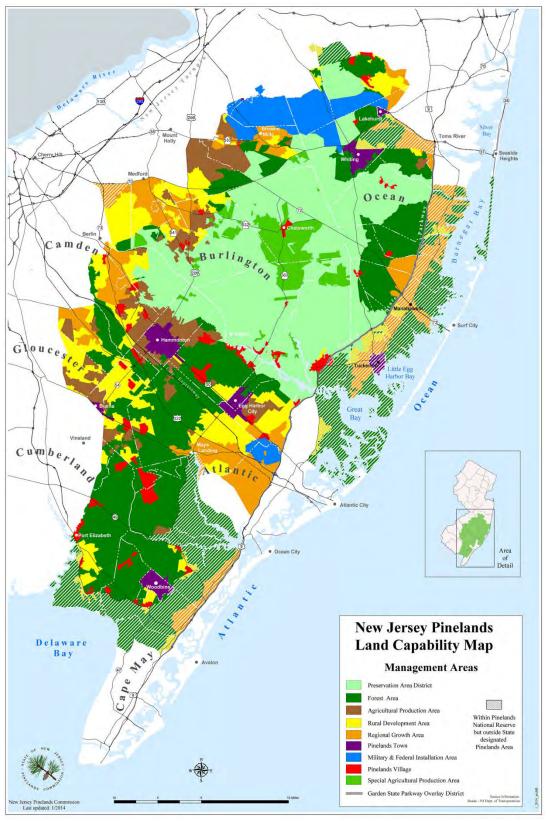


Figure 24. New Jersey Pinelands Land Capability Map

Source: New Jersey Pinelands Commission website

The Pinelands region encompasses over one million acres of southern New Jersey. (Figure 24. New Jersey Pinelands Land Capability Map) It is an area dominated by a characteristic landscape of sandy soils, pine trees, and red-running rivers. It supports a wide variety of imperiled plant and animal species, such as the Atlantic White Cedar and the Pinelands Tree Frog. The Pinelands region also rests on top of the Kirkwood-Cohansey Aquifer, which is among the State's primary drinking water sources.

The Pinelands Region was formally established through a joint federal-state partnership during the late 1970's. This joint arrangement endowed the State government with the power to enforce land use regulations that were appropriate to the preservation of the region's important natural and cultural resources. To this end, the State created the New Jersey Pinelands Commission, which was charged with developing and enforcing a Comprehensive Management Plan for the region. The Pinelands Comprehensive Management Plan created the Pinelands Development Credit (PDC) Program, a transferof-development rights program that has preserved roughly 1,442 acres of agricultural lands in Gloucester County. (New Jersey Pinelands Development Credit Bank) This plan also outlined nine management areas that govern land use and development within the region. Four of these management areas, which contain land with varying capacities for support agriculture, exist in Gloucester County. (Table 6. Active Farmlands in Pinelands Management Areas) The U.S. 322 corridor is designated as a Pinelands Regional Growth Area; land along the Great Egg Harbor River is designated as a Pinelands Forest Area; and the remaining lands within the Pinelands region are designated as either part of the Pinelands Rural Development Area or the Pinelands Agricultural Production Area.

The Agricultural Production Area (APA) denotes lands where active agriculture is an approved land use. Field crop agriculture, associated farm housing, and roadside farm markets are generally consistent with the land use management objectives of this Area. About 7,529 acres of APA fall within Gloucester County, of which 1,442 have been preserved through the PDC Program.

The Rural Development Area (RDA) is a transitional region between natural resource preservation areas and lands that are more appropriate for development. The interests of conservation and economic growth are to be weighed against one another on a site-specific basis in this region. Low-density residential development and roadside retail may be permitted in some parts of the RDA, but residential densities should average no more than one home on five acres of land. 12,779 acres of RDA are within Gloucester County.

Regional Growth Areas (RGA) are areas of existing growth that are capable of accommodating future development. New development in this area should be consistent with the aesthetic and cultural environment of the Pinelands. Commercial and industrial uses, as well as residential developments of approximately three homes per acre, are permitted in this area. RGAs should have available sewer service. 5,849 acres of RGA lies within Gloucester County.

The *Forest Area* is largely undeveloped, and supports high quality water resources, wetlands, and suitable habitat for many threatened and endangered species. Development in the Forest Area should be minimal, with permitted residential densities not to exceed

one unit per 28 acres of land. (New Jersey Pinelands Commission website<sup>14</sup>) This area makes up 7,407 acres along the Great Egg Harbor River in Gloucester County.

Table 6. Active Farmlands in Pinelands Management Areas										
Management Areas	Total Acres	Active Ag Acres	Percent							
Agricultural Production	7,529.81	1,882.51	25.00%							
Forest	7,407.11	355.58	4.80%							
Regional Growth	5,849.69	605.79	10.36%							
Rural Development	12,778.89	2,397.72	18.76%							
Total	33,565.50	5,241.60	15.62%							
Source: NJ Pin	elands Commissio	n, NJDEP LULC								

# **County Planning Tools**

# 1982 Gloucester County Development Management Plan

The Gloucester County Development Management Plan<sup>15</sup>, is a "master plan for the physical development of the County." Created in 1982, it is currently under revision. The Plan's function included serving as a guide for municipal plans, a forum for regional issues and a development review guide. Among the goals is preserving and enhancing the existing rural, agricultural areas, including preventing "the continued decline of agriculture by helping to limit the consumption of valuable farmland, as well as the mislocation of land uses that severely conflict with agricultural activities."

The Plan identifies six major categories of land use in the County: existing development, growth, limited growth, environmentally sensitive, rural agriculture and publicly owned open space. The rural agricultural areas are identified as containing large, preferably contiguous, tracts of active farmland located on prime agricultural soils, creating the "critical mass" that can sustain the necessary support services and help to ensure the long term viability of agriculture. In the rural agricultural areas, the Plan "encourages the long term retention of agricultural activity and recognizes farmland as the preferred, but not exclusive, land use." It identifies Harrison, South Harrison, Elk and Franklin Townships as municipalities with large tracts of such areas.

The Plan also mentions the Delaware Valley Regional Planning Commission's *Year 2000 Plan*, which includes mapping of Proposed Agricultural Preservation Areas, including most of South Harrison Township, as well as significant acreage in East Greenwich, Logan, Woolwich, Harrison, Elk and Mantua Townships, with additional acreage in Washington, Monroe and Franklin Townships.

# 2005 Gloucester County Northeast Region Strategic Plan

The Gloucester County Northeast Region Strategic Plan<sup>16</sup> was developed to provide a uniform growth strategy for the 14 municipalities in the northeastern portion of the county, including Deptford, East Greenwich, Glassboro, Greenwich, Mantua, National Park, Paulsboro, Pitman, Washington, Wenonah, West Deptford, Westville, Woodbury,

and Woodbury Heights. It identifies five principal landscapes in which different development and preservation goals (listed below) are applicable. The *Strategic Plan* also outlines specific planning standards and guidelines to follow in each landscape in order to achieve these goals.

#### Towns:

- 1. Support vibrant, fully productive, compact and walkable, mixed-use town centers.
- 2. Stabilize, maintain, and expand the neighborhoods of the older towns and boroughs.

### Corridors:

- 1. Retrofit corridors so that they complement their suburban context and maintain a scale and character that is compatible with the suburban and rural qualities of the area.
- 2. Ensure that corridors function smoothly and efficiently at acceptable levels of service through all of the County's communities.
- 3. Ensure the economic sustainability of well-designed corridors and their economic compatibility with the region's towns.
- 4. Incorporate corridors into the networks of towns, neighborhoods and regional commercial nodes.
- 5. Create compact, focused, mixed-use developments that enable the surrounding farms and open spaces to be preserved.
- 6. Plan new developments so that they are linked by walking, biking, and driving routes to adjacent residential communities.

### Subdivisions:

- 1. Create intra- and inter-connected neighborhoods as an alternative to traditional isolated subdivisions.
- 2. Provide meaningful, useful open spaces and appropriate community facilities in all new neighborhoods.
- 3. Ensure that new residential developments provide a variety of housing types for a variety of family types, so that growing, changing, and aging families can remain in the neighborhoods.
- 4. Plan for new compact and walkable neighborhoods that will complement and connect to existing neighborhoods, and to nearby commercial developments; and generally take advantage of infill opportunities to avoid future sprawl into otherwise undeveloped areas that have no access to infrastructure.

### Open Space:

- 1. Create a natural network of open space located throughout the entire county, which is protected in perpetuity.
- 2. Preserve one or more large, contiguous, active, low-density agricultural areas that have a long-term economic viability and visual permanence.
- 3. Create several regional parks strategically located near high-growth, high need populations, which are designed to provide, for all people of the county, public access and recreational areas.

### Delaware River Waterfront:

- 1. Enhance the riverfront's role as an environmental, cultural and community asset.
- 2. Preserve the natural beauty of the riverfront including its water quality, scenic vistas and habitats.
- 3. Provide public access for the recreational enjoyment of the riverfront.
- 4. Provide carefully managed and designed water oriented and water dependent redevelopment and economic development opportunities along the riverfront.
- 5. Recognize and capitalize on potential tourism and economic development connections with Philadelphia. (Gloucester County Northeast Region Strategic Plan)

# 1997 Gloucester County Farmland Preservation, Open Space Protection, and Recreational Needs Study<sup>17</sup>

Gloucester County's 1997 Farmland Preservation, Open Space Protection, and Recreational Needs Study outlined the potential for agricultural preservation in the County and made recommendations to guide future preservation efforts. The Farmland Preservation portion of this plan identified key criteria to be followed when prioritizing preservation projects, including soil quality, proximity to streams and highways, contiguity to preserved farms, and municipal contributions. Based on these criteria, nearly 82,000 acres were identified as high priority land for farmland preservation. The Farmland Preservation section also recommended that the County educate local farmers about the program and inform members of municipal governments about beneficial preservation planning techniques, such as transfer-of-development rights, development clustering, and right-to-farm ordinances.

# 2008 Gloucester County Comprehensive Farmland Preservation Plan 18

The 2008 Farmland Preservation Plan identified 10,559 acres of preserved farmland and 50,753 acres of active, productive farmland remaining in the County. With 40,194 acres remaining unpreserved, the Plan set a goal of preserving 1,000 acres of farmland per year for 10 years, with the goal of 20,559 acres preserved by the end of 2017. The Plan delineated the County's Agricultural Development Area and identified 11 Project Areas to help target the preservation efforts. The topics covered in the 2008 Farmland Preservation Plan have been updated in this Plan with more recent statistics on farmland preserved, farmland acres targeted for preservation, agricultural productivity and trends, and information on new or revised programs and planning strategies.

# **Development Patterns & Land Use Trends**

Historically, Gloucester County has been an area of concentrated development. Gloucester County's primary clusters of commercial and industrial activity were located in Woodbury, Paulsboro, and Pitman, along with manufacturing centers located along the Delaware River. The remainder of the County's landscape was predominately rural and its population spread evenly throughout the countryside. Small villages, such as Swedesboro and Newfield, dotted these rural areas, but were much smaller than their counterparts to the north and east. The division between rural and urban areas in Gloucester County prior to World War II was distinct and well-defined.

Following World War II, residential development expanded southward from Philadelphia and Camden at an unprecedented rate. This caused Gloucester County's population to grow by 88% between 1950 and 1970 (Table 7. Gloucester County Population by Municipality: 1930-2010). (Workforce New Jersey Public Information Network website<sup>19</sup>) A number of additional factors also contributed to the County's rapid growth during this time period. Government incentives encouraged the construction of single-family homes, prompting developers to seek out larger and cheaper parcels of land on which to build. Simultaneously, the nation began constructing Interstate and regional highways, which greatly increased the ease of living in rural communities far from traditional employment centers. Gloucester County contained the critical combination of abundant, inexpensive land and automobile accessibility to existing employment centers that made it ideal for rapid residential growth.

Gloucester County towns closest to Philadelphia and Camden were the first to experience substantial growth. Between 1940 and 1960, the northeastern towns of Deptford (277%), Mantua (238%), and West Deptford (157%) experienced growth rates well above the County-wide average of 87%. Towns along the Route 47 corridor – the major thoroughfare for shore-bound traffic from Philadelphia – also boomed. Transportation improvements after 1960, especially the completion of the Atlantic City Expressway, continued to exert development pressure in Deptford and West Deptford, but brought development farther to the south as well. Washington Township was the fastest growing town in the County during the 1960's, increasing by 220%. Monroe, a distant second, grew by 50%.

Table	Table 7. Gloucester County Population by Municipality: 1930-2010											
MUNICIPALITY	1930	1940	1950	1960	1970	1980	1990	2000	2010			
Clayton Borough	2,351	2,320	3,023	4,711	5,193	6,013	6,155	7,139	8,179			
Deptford Twp	4,507	4,738	7,304	17,878	24,232	23,473	24,137	26,763	30,561			
East Greenwich Twp	2,031	2,121	2,336	2,722	3,280	4,144	5,258	5,430	9,555			
Elk Twp	1,623	1,656	2,074	2,635	2,707	3,187	3,806	3,514	4,216			
Franklin Twp	3,563	3,464	5,056	7,451	8,990	12,396	14,482	15,466	16,820			
Glassboro Borough	4,799	4,925	5,867	10,253	12,938	14,574	15,614	19,068	18,579			
Greenwich Twp	2,361	2,563	3,152	4,065	5,676	5,404	5,102	4,879	4,899			
Harrison Twp	1,827	1,805	2,225	2,410	2,661	3,585	4,715	8,788	12,417			
Logan Twp	1,860	1,630	2,222	1,924	1,840	3,078	5,147	6,032	6,042			
Mantua Twp	2,677	2,433	3,548	7,991	9,643	9,193	10,074	14,217	15,217			
Monroe Twp	4,064	4,310	5,531	9,396	14,071	21,639	26,703	28,967	36,129			
National Park Borough	1,828	1,977	2,419	3,380	3,730	3,552	3,413	3,205	3,036			
Newfield Borough	880	889	1,010	1,299	1,487	1,563	1,592	1,616	1,553			
Paulsboro Borough	7,121	7,011	7,842	8,121	8,084	6,944	6,577	6,160	6,097			
Pitman Borough	5,411	5,507	6,960	8,644	10,257	9,744	9,365	9,331	9,011			
South Harrison Twp	680	686	868	974	1,226	1,486	1,919	2,417	3,162			
Swedesboro Borough	2,123	2,268	2,459	2,449	2,287	2,031	2,024	2,055	2,584			
Washington Twp	2,068	2,048	2,496	4,923	15,741	27,878	41,960	47,114	48,559			
Wenonah Borough	1,245	1,311	1,511	2,100	2,364	2,303	2,331	2,317	2,278			
West Deptford Twp	3,956	4,336	5,446	11,152	13,928	18,002	19,380	19,368	21,677			
Westville Borough	3,462	3,585	4,731	4,951	5,170	4,786	4,573	5,400	4,288			

Table 7. Gloucester County Population by Municipality: 1930-2010												
MUNICIPALITY	1930	1940	1950	1960	1970	1980	1990	2000	2010			
Woodbury City	8,172	8,306	10,931	12,453	12,408	10,353	10,904	10,307	10,174			
Woodbury Heights Bor.	997	1,137	1,373	1,723	3,621	3,460	3,392	2,988	3,055			
Woolwich Twp	1,196	1,193	1,343	1,235	1,147	1,129	1,459	3,032	10,200			
GLOUCESTER CO.	GLOUCESTER CO. 70,802 72,219 91,727 134,840 172,681 199,917 230,082 255,573 288,288											
GROWTH RATE		2.00%	27.01%	47.00%	28.06%	15.77%	15.09%	11.08%	12.80%			
Source: Wor	Source: Workforce New Jersey Public Information Network; U.S. Census; NJ Dept. of Labor											

Since 1970, development has continued expanding south and west across Gloucester County. Continual road and highway development, such as completion of State Route 55, have made communities that were once far from the urban–rural interface, such as Franklin, Monroe and Woolwich, highly accessible to the job centers in Philadelphia and Camden County. These towns are now among the fastest growing areas in New Jersey. Unfortunately, growth in rural communities has been counterbalanced by population declines in the County's traditional population centers at Woodbury, Paulsboro, and Pitman. Consequently, Gloucester County now contains few places that resemble the agricultural, center-based landscape of its past.

Between 2000 and 2010, Woolwich Township was the fastest growing municipality in the county and the state (237.9%); East Greenwich Township grew by 75.6% and Monroe Township added more than 5,000 residents. The County grew by 12.8% during the 10-year period. The Delaware Valley Regional Planning Commission (DVRPC) predicts a population increase for Woolwich Township of 126% between 2010 and 2040, with a total population reaching 23,098 (versus 3,032 in 2000). Washington Township, at 48,559 the largest municipality in 2010, is expected to grow 15.8% to 56,254 by 2040. (DVRPC)<sup>20</sup> Most of Washington Township (other than a small portion of preserved farmland) lies outside the Agricultural Development Area (ADA) for Gloucester County (see *Chapter 4*), and there is little farm-assessed property remaining, but Woolwich Township has large areas of farmland that meets the SADC requirements for preserved farmland and thus are targeted for preservation (*Map 20. Targeted Farms*).

Gloucester County remains desirable to new residents because of its excellent highway access to job centers, proximity to services (such as schools, parks, and other amenities), and desirable development densities; consequently, natural and agricultural lands continue to be lost. Between 1986 and 2007 the increase in urban land (35%) almost paralleled the loss of agricultural land (-33%). Land typed as wetlands increased about 10% while forested land declined by 4% and barren land by 9%. Agricultural land now makes up about 20% of the County's area as opposed to almost 30% in 1986. The greatest decline in agricultural lands was 9,978 acres (16%) between 1986 and 1995/97; the biggest gain in urban land occurred between 2002 and 2007, with an increase of 7,752 acres. Overall, 20,985 acres of agricultural land have been converted to other uses, primarily urban (Figure 25. Gloucester County Land Use Land Cover in Acres: 1986-2007). (NJDEP)

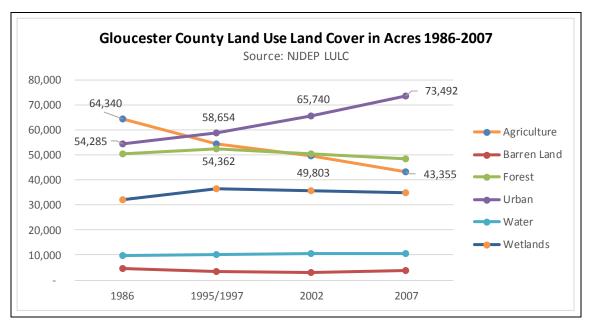


Figure 25. Gloucester County Land Use Land Cover in Acres: 1986-2007

Today, Gloucester County can be divided into urban, agricultural, and forested regions. The "Urban" part of the County is located primarily north of Interstate 295 and between N.J. 45 and U.S. 322 to the Camden County border. The majority of Gloucester County's agricultural areas lie along its border with Salem County. The highest concentration of farmland falls within a cluster between Elk and South Harrison Townships. There is also a wide swath of farmland south of the Delaware River in Logan, Woolwich, East Greenwich, and Greenwich Townships. Forested areas are concentrated in the southern Townships of Franklin and Monroe, which border the Pinelands region. *Figure 26*. *Gloucester County Land Cover* – 2007 displays the breakdown of the various land uses in Gloucester County. (*NJDEP Land Use Land Cover*)<sup>21</sup>

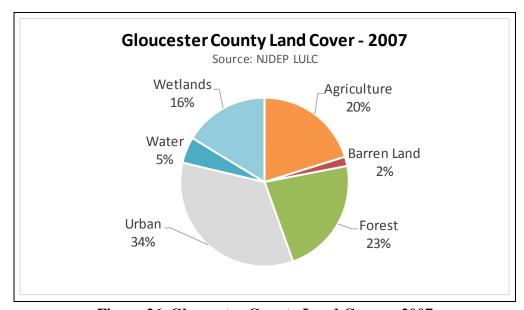


Figure 26. Gloucester County Land Cover – 2007

New residential building permit data indicates that most areas that were converted to urban land uses fell within large municipalities along or near the fringe between suburban and rural areas (*Table 8. New Residential Building Permits Issued in Gloucester County:* 2000-2009). Of the 14,472 resident building permits issued during the ten-year period 2000-2009, 12,655 were for single family residences and just 1,817 were for multi-family units. Permits issued declined in 2006-2009 after peaking in 2004 and 2005.

The least densely populated municipalities in 2010 were South Harrison, Elk, Logan, Franklin and Woolwich (despite its record growth). The most densely populated were Woodbury City and Westville, Pitman, Swedesboro and Paulsboro Boroughs.

Table 8. New Residential Building Permits Issued in Gloucester County: 2000-2009											
Municipality	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	TOTAL
Clayton Borough	7	6	4	108	13	23	8	19	12	4	204
Deptford Twp	145	174	270	362	382	259	99	53	45	201	1,990
East Greenwich Twp	27	81	71	91	107	169	173	206	219	175	1,319
Elk Twp	9	6	21	32	51	38	15	19	16	11	218
Franklin Twp	70	67	69	139	126	101	91	59	25	19	766
Glassboro Borough	17	12	16	28	53	61	71	71	38	29	396
Greenwich Twp	1	62	2	1	4	6	9	8	6	6	105
Harrison Twp	115	251	151	200	151	208	123	69	62	50	1,380
Logan Twp	1	5	3	29	43	0	0	19	12	6	118
Mantua Twp	5	6	18	20	17	29	33	2	22	13	165
Monroe Twp	116	105	333	241	242	248	237	151	104	89	1,866
National Park Borough	0	2	4	6	8	4	3	1	2	0	30
Newfield Borough	5	0	3	10	4	4	5	2	0	0	33
Paulsboro Borough	2	3	0	0	0	1	3	3	4	4	20
Pitman Borough	1	2	6	4	0	1	1	0	2	0	17
South Harrison Twp	37	42	23	47	19	30	37	26	20	6	287
Swedesboro Borough	4	1	1	1	0	2	11	77	54	67	218
Washington Twp	450	365	343	119	67	65	4	18	7	2	1,440
Wenonah Borough	0	1	5	4	6	5	6	7	1	0	35
West Deptford Twp	95	87	109	205	227	410	83	13	13	2	1,244
Westville Borough	0	2	1	4	2	6	6	1	0	0	22
Woodbury City	1	93	3	4	8	10	12	5	0	1	137
Woodbury Heights Borough	4	3	4	4	6	8	9	5	0	0	43
Woolwich Twp	225	259	342	200	514	387	102	86	124	180	2,419
TOTAL	1,337	1,635	1,802	1,859	2,050	2,075	1,141	920	788	865	14,472
Source:	State of	New Je	rsey De <sub>l</sub>	partmen	t of Labo	or & Wor	kforce D	evelopn	nent <sup>22</sup>		

# Public Infrastructure - Sewer Service Areas/Public Water Supply

Gloucester County is part of the TriCounty Water Quality Management Planning Area, which includes Camden, Gloucester and Salem Counties.

### Sewer Service Areas

The County is divided into two distinct areas: the Gloucester County Utility Authority (GCUA) Consolidated District and the Non-Consolidated District. The GCUA Consolidated District comprises all or portions of 16 municipalities, including all of Clayton, Deptford, Glassboro, Mantua, National Park, Paulsboro, Pitman, Washington, Wenonah, West Deptford, Westville, Woodbury, and Woodbury Heights, and portions of East Greenwich, Elk and Monroe Townships. These communities have their own local collection piping and machinery, which are connected to the GCUA conveyance system at designated locations throughout the county. Most of the County's existing public sewerage facilities are found in the Consolidated District. The Consolidated District Wastewater Management Plan (WMP) was last adopted in December 2008, removing significant environmentally sensitive areas of previously approved sewer service areas that had never been connected and provisioning for expansion of the treatment plant in West Deptford "as necessary," up to 38 million gallons per day (mgd). The treatment plant is currently permitted at 27 mgd and treats 6.3 billion gallons per year (17.25 mgd). The GCUA indicates that it removes 95% of pollutants before discharging the treated water to the Delaware River. The 2013 audit indicated that the Consolidated District serves approximately 231,982 residents (as well as some industries and businesses), about 80% out of an estimated County wide population of 289,920. (GCUA website<sup>23</sup> and 2013 Audit Report<sup>24</sup>)

The Non-Consolidated District includes Franklin, Greenwich, Harrison, Logan, South Harrison and Woolwich Townships, Newfield and Swedesboro Boroughs and portions of East Greenwich, Elk and Monroe Townships. The Woolwich Township WMP Chapter was adopted as an amendment to the Tri-County WQMP in September 2012 and a Future Wastewater Service Area (FWSA) Map for the Non-Consolidated District was adopted in September 2013. Future sewer service areas for the following townships were adopted dependent on future wastewater treatment availability: East Greenwich, Elk and Franklin. Greenwich, Harrison, Logan and Swedesboro have existing and future sewer service areas with surface water discharge. There are treatment facilities in Greenwich, Harrison and Logan Townships and Swedesboro, which discharge to surface water, and there is a proposed treatment facility in the Richwood section of Harrison Township, which would discharge to groundwater. The Non-Consolidated District includes the majority of Gloucester's farmlands and much of the district is mapped as areas to be served by septic systems with design flows of 2,000 gallons per day or less.

A public notice regarding proposed Amendments to the Tri-County Water Quality Management Plan was issued on July 22, 2014, with a 90-day comment period. The proposed amendment will modify the SSA delineation within the Pinelands Areas in order to be consistent with the Pinelands Comprehensive Management Plan (CMP). The preliminary map indicates areas of both inclusion and removal in Monroe Township. (*NJDEP*)<sup>25</sup>

# **Public Water Supply**

Most of the communities that are served by the GCUA sewerage system are also served by public water from local groundwater wells. A large portion of Gloucester County falls

within the DEP Water Supply Critical Area #2, an area where the Potomac-Raritan-Magothy (PRM) Aquifer has been critically depleted from excessive drawdowns. Consequently, alternative sources are being sought to supply this area. The primary alternative source has been the New Jersey American Company's pipeline, which pumps water from the Delaware River. Further development in Gloucester County will necessitate exploring additional options for providing water to these areas.

# **Municipal Planning & Zoning**

# Municipal Planning

The 2005 Gloucester County Cross-Acceptance Report recorded planning priorities of its twenty-four municipalities. Despite the urbanized nature of most of these communities, the majority of Gloucester County's municipalities identified preservation of environmental and agricultural resource lands as a planning priority. Many towns, including Logan Township and East Greenwich Township, listed preservation as their primary planning objective.

Some towns in Gloucester County have gone beyond general policy by adopting land use regulations that greatly advance their preservation goals. Franklin and Monroe Townships have established cluster provisions that encourage development units to be confined on a small portion of the parcel while the remaining land is preserved as agricultural land or open space. (*Franklin Township Code §253-105; Monroe Township Code §175-68*) In both towns, this may be accomplished via non-contiguous density transfers within certain zones. In Harrison Township, clustering on 50% of the development site is mandatory within the Residential Conservation Design District. (*Township of Harrison Code §225-14.1*) Ten towns, including East Greenwich, Elk, Franklin, Harrison, Logan, Mantua Monroe, Newfield, South Harrison and Woolwich Townships, have passed Right-to-Farm ordinances that provide legal protection to local farmers. (see *Chapter 8*)

In addition to local ordinances, some Gloucester County municipalities have embarked on planning initiatives that aggressively pursue farmland preservation. Woolwich, Elk and Franklin Townships have completed farmland preservation plans and established Agricultural Development Project Areas as part of this process. Woolwich Township is also has in place, since 2008, a municipal transfer-of-development rights program that will target agricultural districts as sending areas. A 5-year review was conducted in 2013, which proposed adding several parcels, including two farmland parcels totaling 122 acres to the sending area (see *Transfer of Development Rights* section in this *Chapter*).

### **Municipal Zoning**

The municipal zoning patterns that exist in Gloucester County are instrumental in determining the land use patterns that will emerge there. Very low density development is the most consistent with agriculture because it is less likely to produce conflicts over water rights and road usage between farmers and their residential neighbors. However, concentrated high-density development is better for providing services, such as education and police protection. A mixed zoning pattern in which centers zoned for high-density

development are surrounded by large areas of very low density development creates a desirable land use pattern that is consistent with both agriculture and smart growth goals.

In 2005 (the most recent year in which County-wide municipal zoning densities were compiled), zoning densities consistent with "very low" levels of residential development (5 or more acres per unit) occupied a relatively small area of Gloucester County (8,665 acres, 4%) in only three towns – Monroe, Washington and Woolwich. Zoning densities where "low" development densities (3-5 acres per unit) were permitted occurred on only 10,897 acres (5%) in four towns – Franklin, Logan, Monroe and National Park. Conversely, zones that permitted "medium" density development (1-3 acres per unit) were the most common, covering 73,377 acres and 35% of the County. "High" density development zones (less than one acre per unit) occupied 54,672 acres and 26% of the County. Commercially and industrial-zoned areas also covered much of Gloucester County, predominately around roadways and ship-accessible areas. Mixed-use, "other" and preservation zoning (found mostly within the Pinelands area of Franklin Township) were far less common. (*Table 9. Acreage of Municipal Zoning Densities in Gloucester County, New Jersey - 2005*)

A favorable zoning pattern for agriculture, where small cores of high and medium density land is surrounded by large expanses of low and very low density development, occurred nowhere in Gloucester County. Even with cluster zoning provisions in place, "build-out" conditions would nearly eliminate agriculture from Gloucester County. Municipalities where agriculture comprises large areas of land should be encouraged to revise their zoning to reflect build-out conditions that are more favorable to agriculture.

MUNICIPALITY	Very Low Density Residential	Com- mercial	High Density Residential	Industrial	Low Density Residential	Medium Density Residential	Mixed Use	Other	Preser- vation	TOTAL
Clayton	-	1,818	1,926	340	-	558	-	-	-	4,642
Deptford	-	1,947	7,343	153	-	-	145	1,700	ı	11,288
East Greenwich	-	1,230	1,014	327	-	6,404	ı	ı	574	9,549
Elk	-	361	2,961	266	-	8,449	-	225	16	12,278
Franklin	-	3,046	-	585	4,844	19,440	783	44	7,557	36,299
Glassboro	-	933	3,168	302	-	-	-	1,628	-	6,031
Greenwich	-	866	1,184	3,248	-	577	-	-	-	5,875
Harrison	-	1,167	-	2	-	10,373	ı	670	-	12,212
Logan	-	3,134	1,366	5,972	1,395	2,966	-	3	-	14,836
Mantua	-	741	2,611	432	-	5,774	751	-	-	10,309
Monroe	4,636	5,673	15,464	27	4,315	-	-	-	-	30,115
National Park	-	65	-	138	343	1	ı	108	-	654
Newfield	-	52	231	237	-	569	-	ı	-	1,089
Paulsboro	-	609	578	201	-	-	ı	ı	ı	1,388
Pitman	-	90	1,024	169	-	139	-	23	-	1,445
South Harrison	-	39	-	74	-	10,103	ı	ı	ı	10,216
Swedesboro	-	77	361	60	-	-	ı	ı	ı	498
Washington	3,401	1,548	6,346	1,702	-	148	135	548	-	13,828
Wenonah	-	11	461	-	-	-	-	12	150	634
West Deptford	-	634	4,495	6,077	-	-	153	ı	ı	11,359
Westville	-	95	380	342	-	-	-	-	85	902
Woodbury Heights	-	112	610	77	-	-	-	-	-	799
Woodbury	-	219	1,044	44	-	-	-	23	-	1,330
Woolwich	628	2,855	2,105	45	-	7,877	175	500	-	14,185
TOTAL	8,665	27,322	54,672	20,820	10,897	73,377	2,142	5,484	8,382	211,761

# **Preservation Planning Mechanisms**

The viability of farming in Gloucester County can be maintained and even advanced by implementing preservation planning policies that minimize conflict between agriculture and development. Development's most damaging impact on agriculture occurs when large areas of active farmlands are converted to non-agricultural land uses. Planning methods are available that can effectively reduce the amount of farmland that is subsumed by development without placing economic hardship on local residents or precluding growth. These planning methods also help preserve the rural character of areas where they are employed and contribute to the positive impacts the farming has on local economies.

On August 7, 2013, Governor Christie signed into law the Cluster Development Act (P.L.2013, c.106), which amends the Municipal Land Use Law to make it easier for municipalities to control growth and preservation in their towns. These changes modified the process by which existing tools work, strengthening municipal authority. "Municipalities now have the option of directing development through their existing zoning ordinances, or of offering landowners and developers additional benefits via these updated clustering opportunities." (New Jersey Future) The three tools – lot-size averaging, contiguous cluster and noncontiguous cluster—are summarized below.

# Cluster Zoning

Cluster zoning is a tool that allows builders to reduce the overall area of their projects without reducing the number of structures they construct. A cluster zoning ordinance, for example, may allow a developer with a 200-acre parcel zoned for a density of 10 acres per unit to construct the permitted 20 units on only a portion of the property. If the builder, through a cluster zoning option, constructs the 20 units on only 100 acres of the parcel at a density of 5 acres per unit, the remaining 100 acres are left open. The open area of the parcel must remain in an undeveloped state in perpetuity, but may be used for farming. This area may also be conveyed to a separate person or entity, which was not previously the case.

Cluster zoning provides both the ability to develop a site to its full extent based on zoning and the preservation of contiguous agricultural lands. This option is often attractive to builders because there tend to be fewer infrastructure costs associated with roadway construction, power lines, and sewage connections in more compact developments. Clustering is attractive to local residents and farmers because it retains some agricultural areas and the rural character they create. Additionally, the undeveloped portions of clustered developments are permanently deed-restricted, which helps to ensure the permanence of local farming. Clustering has added effectiveness when open space set-asides on adjacent properties are linked in a coordinated fashion. This requires preplanning on the part of the municipality.

### Lot Size Averaging

Lot size averaging is similar to cluster zoning because it allows for the creation of differently sized parcels within one development. For instance, lot size averaging on a

200-acre parcel with 10-acre zoning would permit its subdivision into fifteen one-acre parcels and five 37-acre parcels. This subdivision pattern may allow farmland production to continue on the larger parcels created and helps retain some of the agricultural ambience that might otherwise be lost.

# Non-Contiguous Cluster Zoning

In contrast to cluster zoning, non-contiguous cluster zoning permits the transfer of development density between instead of only within parcels. First, a "sending" parcel (where the permitted development density is reduced) and a "receiving" parcel (where the permitted development density is increased) are designated. Then, the total development potential on both properties is calculated. In a case where two fifty-acre parcels are undergoing non-contiguous clustering under ten-acre zoning, there are five permitted units on each lot and ten permitted units overall. Finally, the overall development potential (10 units in this case) is applied to the receiving parcel while the sending parcel is permanently protected from future development. Non-contiguous clustering allows for development to be moved out of prime agricultural areas and concentrated into more appropriate and desirable locations. The possibility for landowners and developers to utilize non-contiguous clustering is effected through amending the municipality's master plan and development ordinances. Successful implementations of this tool include Monroe Township, Middlesex County, where 257 acres in the RR-FLP rural residential farmland preservation zone were preserved as farmland and deed restricted. In Hillsborough Township, Somerset County, 156 acres were preserved, most of them as part of the Township's Farm Lease Program; and in Robbinsville Township, Mercer County, 193 acres were preserved, including 133 acres of preserved farmland. 27 (New Jersey Future)

# Transfer of Development Rights

Transfer of Development Rights (TDR) is a planning tool that channels development into desirable locations without diminishing landowners' equity. It is regional in scale and may involve multiple parcels and landowners. TDR allows development rights to be separated from the land in TDR sending areas and transferred to parcels in a different location – TDR receiving areas. Sending areas are places where further development is inconsistent with the local landscape, such as natural resource lands or contiguous farm belts, while receiving areas are places where further development is consistent with local planning objectives, such as towns and boroughs.

By allowing the development rights of sending area lands to be exercised in a geographically different location, TDR preserves the economic value of land in sending areas without requiring that development take place there. Therefore, sending area land (where physical development may be precluded legally) can be sold at fair market values that are comparable to those in areas where development is still permitted. Sending area lands are thereby effectively preserved in an undeveloped state while sending area landowners retain the economic value of their full property rights.

TDR programs can be either mandatory or voluntary.

"In a voluntary TDR, sending and receiving area landowners have the ability to maintain their property as is, sell development credits or develop the property at the current base density. In a mandatory TDR scenario, owners can also maintain their property as is or sell development credits allocated based on the current base density. The difference occurs, however, if the owner wishes to develop their property. In this case, they may develop but the base zoning at which they can develop is severely restricted. Mandatory programs are enacted to encourage TDR transfers when development pressure in the sending area is extreme or when sending area resources are so fragile that even minimal development is not acceptable." (SADC)

Transfer-of-development rights can be used as a tool to advance both redevelopment and preservation efforts. Redevelopment areas can benefit from being designated as receiving zones, which would allow them to accept additional development density beyond what is permitted by existing zoning. Transit-oriented developments and apartment/condominium projects in growth centers are particularly suitable as receiving areas. Simultaneously, TDR facilitates the preservation of land within designated sending areas by prohibiting future development there. Development rights have not been removed in sending areas; individual landowners are choosing to sell their development rights. Without development rights, these properties have been placed in a de facto state of preservation at no public cost. Gloucester County contains both communities that can benefit from redevelopment and areas that are in need of additional preservation.

The New Jersey State Transfer of Development Rights Act (N.J.S.A. 40:55D-140)<sup>29</sup> authorizes the transfer of development rights by municipalities and outlines what a town must do in order to adopt or amend a TDR ordinance. First, the municipality must prepare a Real Estate Market Analysis (REMA) that quantifies the development potential of the sending zone(s) and the capacity of the receiving zone(s) to accommodate additional development. It must then amend its master plan to include a Development Transfer Plan Element that outlines a mechanism for assigning development credits to areas in the sending zone and reapplying them to areas in the receiving zone. An updated Utility Service Plan and Capital Improvement Program for the receiving zone should be adopted as well. Finally, a town must receive approval from the State Planning Commission to adopt the TDR ordinance. (N.J.S.A. 40:55D-140)

There are different transfer-of-development rights programs that may be instituted in Gloucester County. One is the *intra-municipal TDR* in which sending and receiving areas are located within the same town. Intra-municipal TDR may be appropriate for the Gloucester County towns that have proposed centers and large amounts of agricultural or natural resource lands. Woolwich Township has a voluntary intra-municipal TDR program, which underwent a 5-year review in 2013, with the result of proposed adjustments expanding the original sending area (set at 4,100 acres targeted for farmland and open space preservation) and compacting the two receiving areas (set at 700 acres of mixed-use development) based on a projected slowdown in growth. (5-Year Review)<sup>30</sup> Gloucester County has strongly supported this initiative.

Regional or inter-municipal TDR programs also may be appropriate for parts of Gloucester County. Regional TDR's can be operated by the County or by a higher level of regional government. In regional TDR programs, development density is transferred from areas with significant agricultural or natural resource lands to existing centers within a geographically defined region. Sending and receiving areas are often located in different municipalities. A tax-based revenue sharing system, such as that run by the New Jersey Meadowlands Commission, can help balance municipal expenditures between sending and receiving communities.

The New Jersey Pinelands Commission has established a mandatory regional TDR program that allocates Pinelands Development Credits (PDC's) to landowners in the Preservation Area District, Agricultural Production Areas, and Special Agricultural Production Areas. These credits can be purchased by developers owning land in Regional Growth Areas and used to increase the densities at which they can build. Since the inception of the Pinelands Development Credit Program in 1981, more than 50,000 acres of environmentally sensitive forest and agricultural land in the Pinelands have been protected. (*NJ Future –TDR Final Report 2010*)<sup>31</sup>

The State of New Jersey facilitates the implementation of TDR in many ways. The New Jersey State TDR Bank offers Planning Assistance Grants to municipalities looking to establish municipal TDR programs, and directly funds some purchases of development credits. The State TDR Bank can also provide financial banking on loans secured using development credits as collateral, and keeps records of all development credit transfers in the State

Woolwich Township is the only municipality in Gloucester County that has received funding through these programs. Woolwich received a Planning Assistance Grant of \$40,000 from the State TDR Bank, as well as a Smart Future Grant for \$110,000 from the then Office of Smart Growth. (2006 N.J. State Transfer-of-Development Rights Bank Board Annual Report)<sup>32</sup> Gloucester CADB supports Woolwich Township's efforts to pursue a TDR program.

# CHAPTER 4: GLOUCESTER COUNTY'S FARMLAND PRESERVATION PROGRAM



Farmland is an irreplaceable natural resource; once lost it cannot be recreated or replaced. The farmers who work the land are not only stewards of the agricultural landscape of Gloucester County, but they are also the stewards of the rural heritage and legacy that defines the County and its environs. Agriculture continues to be one of the leading industries in Gloucester County. The business of agriculture supports the local economy and provides a unique and bucolic quality of life for residents. Agriculture provides food and fiber, clean air, storm water management, groundwater recharge, wildlife habitat, and the beautiful scenic vistas that surround the County's mountains and rivers.

As of December 15, 2007 Gloucester County had preserved 131 farms permanently protecting 10,181 acres. Since the completion of the 2008 Comprehensive Farmland Preservation Plan, Gloucester County has preserved an additional 120 farms permanently protecting **6,453 acres** of farmland. Since 1989 Gloucester County has permanently preserved **16,634 acres** of farmland in **251 farms**. The first farm preserved by the Gloucester County Board of Chosen Freeholders was the Dibella Farm in Woolwich Township. Farmers and local officials in Gloucester County remain firmly committed to farmland protection and continue to support the preservation of agricultural land throughout the County.

# **Agricultural Development Areas (ADAs)**

The Gloucester County Agriculture Development Board (CADB) developed the Gloucester County Agricultural Development Area (ADA) based upon both statutory and county criteria. The ADA designates land that has the potential for long-term agricultural viability. This agricultural use would be the preferred, but not the exclusive, use.

# Statutory Criteria:

- The land must be agriculturally productive or have future production potential. Also, zoning for the land must permit agriculture or permit it as a nonconforming use.
- Suburban and/or commercial development must be reasonably non-existent in the proposed ADA area.
- The ADA must comprise less than 90% of the County's agricultural land mass.
- Any attributes deemed appropriate by the Board must also be incorporated.

# County Criteria:

# 1997 Farmland Preservation, Open Space Protection and Recreational Needs Study

The farmland component of the 1997 Gloucester County Farmland Preservation, Open Space Protection and Recreational Needs Study evaluated all active and farmland assessed farms based upon the following set of criteria:

- Active/productive farm; and
- Presence of agricultural soils; and
- Proximity to streams; and
- Proximity to limited access highways; and
- Proximity to other farms; and
- Presence of local support through the enactment of a Right to Farm ordinance and local municipal trust fund for farmland preservation.

Based upon the above criteria, the County established agricultural project areas as "high", "medium" and "low" priority. Points were assigned for individual farms and farms were mapped. The highest concentration of high "priority" farms were centered in Woolwich, South Harrison, Elk and Franklin Townships where the largest numbers of productive farms and prime agricultural soils were located.

### 2008 Comprehensive Farmland Preservation Plan

For the 2008 Gloucester County Comprehensive Farmland Preservation Plan the Gloucester County CADB and Office of Land Preservation updated their ADA designating land capable of supporting agricultural production. Gloucester County utilized the following methodology to develop the updated ADA:

- Staff reviewed the criteria for creating an ADA as set forth in the state's enabling statutes:
- All farmland assessed properties and existing farmland were reviewed and mapped;
- The 1997 farmland priority analysis was reviewed;
- State Planning Areas were reviewed; with particular attention to Planning Areas 1, 2 and 3;
- Sewer service areas were reviewed and mapped;
- New Jersey Pinelands Land Capability Map (Management Areas) was reviewed and mapped with particular attention to the Agricultural Production Area; and
- Municipal zoning was reviewed.
- Areas located within Planning Area (PA) 1, PA2 and sewer service areas were excluded, except where farmland is concentrated, the primary land use, and contains existing preserved farms or farms with pending applications for preservation.

The Gloucester County criteria for the 2008 ADA were:

- Land is currently in agricultural production, has strong potential for agricultural production, or is farm assessed through a woodland management plan;
- Agriculture is the preferred, but not the exclusive use;

• Agriculture is a use permitted by current municipal zoning ordinance or is allowed as a non-conforming use;

Included within the Gloucester County ADA were the following lands:

- All preserved farmland in the County;
- All farmland in municipal eight-year program within the County;
- All farmland in state eight-year program within the County;
- All 2008 and 2009 pending farmland applications within the County.
- Farmland included within the Woolwich and Franklin Township municipal Planning Incentive Grant (PIG) project areas.

Excluded from the Gloucester County ADA are the following:

- All farmland assessed properties that are currently under development;
- All farmland located in Planning Area 1;
- The three Receiving Areas as identified in Woolwich Township's Transfer of Development Rights (TDR) Plan

As of 2008, farm assessed property constituted 58,987 acres in Gloucester County. Of this, there are 40,524 acres of unpreserved farm assessed property was located within the ADA. Including all preserved farmland (and excluding farmland under development), 49,399 acres of farm assessed property was included within the ADA, or 83.75% of the total agricultural land base in Gloucester County is located in the ADA.

Description of the Gloucester County 2008 ADA and Project Areas

Gloucester County divided the Agricultural Development Area into three regions, each region subdivided into distinct Project Areas.

The Primary ADA includes parts of Logan, East Greenwich, Greenwich, Swedesboro, Woolwich, Harrison, Mantua, South Harrison, Elk, Glassboro, Clayton and Franklin. It encompasses the three municipal ADA regions within Woolwich Township, and the northwestern Franklin Township municipal ADA.

The **Primary ADA** region encompasses five Project Areas. These Project Areas are based upon the watersheds:

- Delaware River Project Area includes Logan Township and the western portion of Greenwich Township;
- Repaupo-Mantua Creek Project Area includes East Greenwich, West Deptford and Mantua Townships;
- Oldmans Creek Project Area includes Woolwich Township, but excludes the Township's TDR receiving areas;
- Raccoon Creek Project Area includes Harrison and South Harrison Townships; and
- Still Run Project Area includes Elk Township, with a small portion of Glassboro and Clayton Boroughs, and the northern section of Franklin Township.

The Pinelands are located in the southern part of Gloucester County. The boundaries of **Secondary ADA** region are based upon the Agricultural Production Area as identified by

the Pinelands Commission in the N.J. Pinelands Land Capability Map. The Secondary ADA includes preserved farms and the Franklin Township municipal ADAs:

- Pinelands South Project Area includes parts of Franklin and Monroe Townships. It encompasses three of Franklin's municipal ADA regions.
- Pinelands North Project Area is located entirely within the Pinelands and incorporates a concentration of farmland in the central part of Monroe Township and a portion of neighboring Franklin Township.

The **Tertiary ADA** region includes four small, distinct, ADA regions within the eastern part of the County. These regions form individual project areas and include preserved farms, pending applications, and farms enrolled in the eight-year program:

- Washington North Project Area in Washington Township incorporates four farms south of CR-635;
- Chapel Heights Project Area runs along Duffield Run in Washington Township;
- Pitman Downer Project Area is immediately north of Glassboro Wildlife Management Area in Monroe Township; and
- New Brooklyn Project Area is north of the Pinelands in Monroe Township.

### 2015 Comprehensive Farmland Preservation Plan Update

Beginning in 2012 the Gloucester County Office of Land Preservation (OLP), with the Gloucester County Agriculture Development Board (GCADB), proposed several additions to the existing ADA to include farmland whose owners had expressed interest in preserving their property, but the land had not been included in the 2008 ADA. Between 2013 and 2015, the OLP conducted a comprehensive, parcel-based review of the ADA, revising the proposed expansion areas to focus on the most productive farms, those farms in which owners had expressed interest in preservation and the municipalities in which they were located were supportive of their preservation, and for those farms located in Planning Areas 1 and 2, studied the impact of their preservation and the benefits to the local economy and community if the farms were included in the ADA and ultimately preserved. In addition, Gloucester County reviewed areas along the major transportation corridors, the riparian corridor of the Delaware River and Oldmans Creek, and lands that have been designated by the local municipalities in need of redevelopment or rehabilitation. As a result of this analysis, Gloucester County is adding 1,315 acres of farm assessed land to the ADA and removing 6,404 acres, for a net decrease of 5,090 acres. The percentage of farm assessed property in the ADA is 76.42%.

### Public Hearings

The GCADB reviewed the revisions to the ADA at a series of advertised public meetings, conducted in a format pursuant to SubChapter 1 in N.J.A.C 2:76-1. (Appendix C. Gloucester County Agriculture Development Board: Meeting Notices and Resolutions):

**February 14, 2013** – Gloucester County Agriculture Development Board (GCADB) held a public hearing and passed a resolution approving the proposed expansion to the ADA. Five farms were targeted for inclusion in the ADA: the Doyle Farm (Clayton Borough), Silvergate-Doyle Farm and Grochowski Trust Farm (Franklin Township), Senor Farm (Monroe Township), and the DeHart Farm (West Deptford Township).

**January 16, 2014** – In response to comments provided by the SADC, the GCADB held a public hearing to review proposed revision to the ADA. The revised ADA more narrowly focused the boundaries of the proposed expansion area for the properties to be added. *Note:* Advertisement was for the November 2013 meeting which was postponed until December and then into January.

September 18, 2014 – In January 2014 the Gloucester County Board of Chosen Freeholders approved an agreement with The Land Conservancy of New Jersey to update *Gloucester County's 2008 Comprehensive Farmland Preservation Plan.* Following a detail, parcel-based review of the proposed ADA additions and the SADC comments on these additions, 1,044 acres of farm assessed land was proposed as additional inclusions in the ADA in four Project Areas. The Repaupo-Mantua Creek Project Area was expanded to include the DeHart and Hamel Farms in West Deptford Township; the Still Run Project Area included the Doyle Farm (Clayton Borough), the Silvergate-Doyle, Grochowski Trust, and Napoli Farm in Franklin Township; the Pinelands North Project Area included the Senor Farm in Monroe Township and the Tuckahoe Road farmbelt in Franklin Township; the Pinelands South Project Area Gallagher Farms in Monroe Township and the Harding Highway-Main Road farmbelt in Franklin Township. *Note:* The public meeting included a presentation on the proposed changes to the ADA only.

**December 4, 2014** – A final hearing was held by the GCADB on the ADA revisions following comments provided by the SADC. The Still Run Project Area was expanded to include farms in Clayton Borough and Franklin Township and the Pinelands South Project Area was expanded to include farms in Newfield Borough. The GCADB concurred with the SADC to remove farmland in West Deptford Township impacted by the PSEG powerline improvement project. *Note:* The proposed changes to the ADA were approved through a motion. The resolution will be completed when the minutes are approved in January 2015.

### 2014-2015 Agriculture Development Area Revisions

Gloucester County undertook a multi-year, parcel-based (and farm-unit) review of its farmland inventory, proposing for inclusion only those farms which furthered the agricultural productivity and integrity of the County preservation efforts, in addition to maximizing limited public dollars used for preservation to those farms for which agriculture is the preferred use for that municipality and locality in which they are situated. Farmland adjoining and surrounding the ADA was reviewed for its ownership, productivity, and potential for preservation. Existing zoning, consistency with the State Development and Redevelopment Plan, agricultural productivity, eligibility for preservation, and interest of the landowner were analyzed on a parcel and farm-unit basis for each of the Project Areas in the County.

The GCADB and OLP continue to take a careful and proactive look at each of the properties which comes before them as potential adjustments to the ADA to not exceed the maximum threshold.

# Repaupo-Mantua Creek Project Area

# Map 1. ADA Map 1: Repaupo-Mantua Creek Project Area (DeHart and Hamel Farms) West Deptford Township

Additional farm assessed land: 69 acres<sup>a</sup>

# **DeHart Farm, West Deptford Township**

Block 352, Lot 3 – 24 acres, Off Jessup Road Planning: PA1 (Metropolitan), Sewer Service Area Targeted Farm: 72% Tillable, 82% Agricultural Soils

### Hamel Farm, West Deptford Township

Block 326, Lot 5 – 25 acres, Tilden Road

Planning: PA1 (Metropolitan), Sewer Service Area Targeted Farm: 59% Tillable, 78% Agricultural Soils

The following farm was added to the ADA as it contributes to the agricultural productivity of the region, although it does not meet the SADC Minimum Eligibility Criteria for tillable land:

Marple Farm, West Deptford Township Block 352, Lot 4.02 – 19 acres, 399 Jessup Road

The DeHart and Hamel Farms are the last remaining farm parcels in West Deptford Township and their preservation has been endorsed by municipal officials for years. Both farms meet the minimum eligibility criteria for farmland preservation. They are located in Planning Area 1 and in the sewer service area. Both farms are agriculturally productive and if preserved as a contiguous unit they have meaningful future production potential and service an area of the County that is underserved by local farms. The DeHart Farm operates a Farmers Market at their farm on Jessup Road, providing locally grown New Jersey Fresh products to residents in West Deptford Township. There is no commercial and/or suburban development located within the proposed expansion of the ADA.

The GCADB and OLP took great care when including farmland located in State Planning Areas 1 and 2, and in almost all cases farmland in these areas were not included in the ADA. However, Gloucester County is unique in that a segment of the County is designated as Planning Area 1 or 2 with municipal zoning consistent with being located in the Metropolitan or Suburban Areas, but with land being actively used as productive farmland. In the case of the farms in West Deptford Township which are located in Planning Area 1 (DeHart and Hamel), these are the last remaining active farm parcels in the municipality and their preservation has been supported by County and local officials for years, and this support has not wavered. The County is sensitive to promoting preservation in areas designated for future growth, but in this situation these farms benefit the community they are in by providing local Jersey farm products for their neighbors, in addition to having significant historical and cultural values to their host municipality as they have been farmed by the same family for generations. If they were unproductive

<sup>&</sup>lt;sup>a</sup> Acreage is measured using the ArcGIS 10.3 mapping software for consistency in analysis.

farmland they would not be considered for inclusion, as is the case with other farms located in Planning Areas 1 and 2. This is evidenced as the proposed addition is limited to the boundaries of these farms.

*Note:* Block 326, Lot 6 in West Deptford Township was not recommended for inclusion in the ADA. This property is landlocked and infrastructure would have to be constructed (bridge) to develop the site. The owner has previously applied for development approval.

# Map 8. ADA Map 8: Repaupo Mantua Creek Project Area (Prei Mantua Grove Associates) West Deptford Township

Farmland to be removed from ADA: 269 acres

Prei Mantua Grove Associates: Block 350.04, Lots 35, 35.03, 35.04 – 230 acres Coim USA Real Estate: Block 350.04, Lot 35.01 – 39 acres

The Prei Mantua Grove Associates farm is impacted by the PSEG powerline improvement project and should be removed from the ADA. While it meets the minimum eligibility criteria for preservation, the Coim USA Real Estate farm is not a productive farm and should not be included in the County ADA.

# Map 12. ADA Map 12: Repaupo Mantua Creek Project Area, East Greenwich Township

Areas to be removed from the Repaupo Mantua Creek Project Area in East Greenwich Township includes those lands identified as existing and future development sites and areas in need of redevelopment. A total of 770 acres of farm assessed land has been removed from the ADA in this Project Area.

### Still Run Project Area

### Map 2. ADA Map 2: Still Run Project Area (Doyle Farm) Clayton Borough

Additional farm assessed land: 45 acres

# **Doyle Farm, Clayton Borough**

Block 1902, Lots 8, 9, 10 – 45 acres, 1114 North Delsea Drive

Planning: PA2 (Suburban), Sewer Service Area

Targeted Farm: 97% Tillable, 100% Agricultural Soils

This property is contiguous with County's Still Run Project Area and is a working nursery that has submitted an application to the County's Planning Incentive Grant (PIG) program. This application is pending approval by the SADC of its proposed inclusion in the ADA. The SADC is currently reviewing the application for Green Light approval for preservation. Recognizing that this project is located in PA2 and within the sewer service area, the CADB recommends that the addition to the ADA in this location be limited to the property boundaries. This property is located within a viable and productive agricultural belt in neighboring Elk Township.

The proposed addition of the Doyle Farm in Clayton Borough (Planning Area 2) is supported by the County and the CADB, as it is an active nursery operation and the

addition of this farm is limited to the boundaries of the farm unit itself. It borders Elk Township and is part of a productive agricultural farm-belt which does not recognize municipal (or state planning) borders. Looking solely at the farmland and its agricultural qualities, it is consistent with county criteria for this farm to be included in the County's ADA.

*Note:* In Clayton Borough, Block 1902, Lot 15, while it meets the eligibility criteria, it is a propane distribution center and not of interest for the County to pursue for preservation.

# Map 3. ADA Map 3: Still Run Project Area (Silvergate-Doyle, Grochowski, Napoli Farms) Franklin Township

Additional farm assessed land: 630 acres

### All American Farms LLC, Franklin Township

Project Name: Silvergate-Doyle Farm

Block 2302, Lot 1, 2, 30 – 97 acres, East Avenue and Delsea Drive Planning: PA5 (Environmentally Sensitive), Sewer Service Area

Targeted Farm: 50% Tillable, 100% Agricultural Soils

# Kiefer, Donahower and Kruse Farm, Franklin Township

Project Name: Joseph Grochowski Trust

Block 1902, Lot 1 – 256 acres, 1457 Fries Mill Road Planning: PA2 (Suburban), Sewer Service Area

Targeted Farm: 90% Tillable, 100% Agricultural Soils

### Napoli Farm, Franklin Township

Block 102, Lot 9 – 26 acres, 1308 Washington Avenue

Planning: PA2 (Suburban), Sewer Service Area

Targeted Farm: 66% Tillable, 100% Agricultural Soils

Preserved Farm added to the Project Area:

DuBois Farm: Block 2302, Lot 31 – 49 acres, Delsea Drive

The following farms in Franklin Township are being added to the ADA as they contribute to the agricultural productivity of the region, but do not meet the SADC Minimum Eligibility Criteria for tillable land:

Roman Farm: Block 1901, Lot 1 – 53 acres, 961 Jackson Avenue Bottaro Farm: Block 1901, Lot 27 – 6 acres, 649 East Avenue

Mill Creek Associates: Block 2401, Lot 1 – 12 acres, South Broad Street

The following farms in Clayton Borough are being added as they are part of the farm unit for parcels in Franklin Township which are being added to the ADA:

Mill Creek Associates: Block 101, Lot 1 – 16 acres

Bottaro: Block 2004, Lot 1 - 0.70 acres Roman: Block 2003, Lot 14 - 9.24 acres

The following farms in Franklin Township are being added as they are large, productive farms, which are eligible for preservation. They adjoin the proposed area for expansion:

Dolinksi: Block 1901, Lot 11 – 70 acres

Mary Kennedy: Block 1903, Lots 1 and 63 – 34 acres

These additions to the Still Run Project Area are contiguous with preserved farmland that was not originally included in the County's ADA (and should have been). The new landowner for the former Silvergate-Doyle property, All American Farms LLC, has invested considerable resources in improving the property for agricultural operations and has inquired about farmland preservation. This farm is contiguous with the preserved farm. Local zoning supports farmland (RA, Residential-Agriculture) and the property is located within Planning Area 5. The former Grochowski Trust Farm and the Napoli Farm adjoin one another and are part of a productive farmland belt extending from Fries Mill Road to East Avenue. The properties are located in the State's Suburban Planning Area. The zoning for the former Grochowski farm is BMIX, Business Mixed Use Overlay, at one time the Township had planned for housing for this property but no Franklin Township has submitted a formal Letter of longer supports this use. Endorsement supporting the preservation of this property. These farms are located south of the Doyle Farm which is also proposed for inclusion in the Still Run Project Area. The expansion of the Still Run Project Area is consistent with County land preservation efforts and with the new additions it will be adjacent to the County's Scotland Run Park, at over 1,000 acres it is the largest County Park in Gloucester County and joins the State's Glassboro Wildlife Management Area which his nearly 2,400 acres in size and is managed for wildlife habitat and natural resource protection. Scotland Run Park is home to a nature center, walking center and lake for fishing and boating.

## Pinelands North Project Area

# Map 4. ADA Map 4: Pinelands North Project Area (Senor Farm) Monroe Township

Additional farm assessed land: 108 acres

### Senor Farm, Monroe Township

Block 12601, Lot 101.03, Block 12702, Lot 1 – 74 acres, 49 South Tuckahoe Road

Planning: Pinelands, PA5 (Environmentally Sensitive), Sewer Service Area

Targeted Farm: 97% Tillable, 100% Agricultural Soils

Farms included in the expansion area which are located in the Pinelands Area and meet the SADC Minimum Eligibility Criteria:

Witczak Farm: Block 12601, Lot 22 – 11 acres, 1295 Janvier Road Knowles Farm: Block 12601, Lots 97, 98, 99 – 15 acres, 148 Tuckahoe Rd. Freeman: Block 12601, Lots 101.01, 101.02 – 8 acres, 72 Tuckahoe Rd.

The SADC's ranking criteria identifies the boundaries for cemeteries as one of its highest percentages. The Senor Farm is immediately adjacent to the Gloucester County Veterans Memorial Cemetery. The Board of Chosen Freeholders has invested millions of public dollars into its Veterans Cemetery and has endorsed the possible preservation of this property to help ensure the tranquil setting of the area. This farm is in close proximity to hundreds of acres of permanently preserved open space in Monroe Township, including the former Senner Property which is now preserved parkland within one parcel of the

Senor Farm on Franklinville Williamstown Road. The Senor Farm is surrounded by a large concentration of active farmland, more than 15 farm assessed properties are either contiguous or located within less than a quarter mile of the farm.

*Note:* Franklin Township: Block 104, Lot 41 and Monroe Township: Block 12701, Lot 48 (McGroarty); Franklin Township: Block 104, Lot 42 and Monroe Township: Block 12071, Lot 19 (Jordan) – These properties adjoin the County's Veteran's Cemetery. Future plans include expansion of the cemetery and these properties represent an opportunity for this use. The County will not be pursuing farmland preservation of these properties and they are not proposed for inclusion in the ADA.

# Map 5. ADA Map 5: Pinelands North Project Area (Tuckahoe Road Expansion) Franklin Township

#### **Tuckahoe Road Expansion, Franklin Township**

Located in the PA4B, Rural/Environmentally Sensitive Planning Area Additional farm assessed land: 140 acres

Farms which meet the Minimum Eligibility Criteria for preservation:

Roney Farm: Block 701, Lot 15.01 – 12 acres, 2561 Sheridan Avenue

Bronk and Byford Farm: Block 701, Lot 16 – 32 acres, 1876 Stanton Avenue

Avis Farm: Block 802, Lots 19, 20 – 21 acres, 1955 Stanton Avenue Brusha Farm: Block 1002.03, Lot 6 – 10 acres, 1664 Stanton Avenue Dyer Farm: Block 1002.03, Lot 11 – 9 acres, 2525 Sheridan Avenue

Rollow Farm: Block 1002.03, Lot 11.01 – 9.5 acres, 2480 Sheridan Avenue

Included in this expansion are the following farms which contribute to the agricultural productivity of the region, but do not meet the Minimum Eligibility Criteria for tillable land:

Kassab Farm, Block 701, Lot 14 – 13 acres, 2633 Sheridan Avenue Olson Farm: Block 802, Lot 21 and Block 905, Lot 1 – 33 acres, Stanton Ave.

Inadvertently left off of the 2008 ADA Map, these 8 farms, totaling 140 acres, are part of a contiguous farmland belt in Franklin Township straddling Tuckahoe Road, located along Sheridan and Stanton Avenues. The Bronk and Byford Farm has an active application for preservation pending and is awaiting approval of the proposed ADA amendment. These farms are located in the Rural, Environmentally Sensitive Planning Area and their zoning supports agriculture (RA). Inclusion of these farms is an opportunity for the County and municipality to continue their effort to permanently protect the rural agricultural legacy, and farmland productivity, of Franklin Township.

*Note:* Franklin Township: Block 701, Lot 22; Block 901, Lot 15.02; Block 1002, Lot 26 — These properties do not meet the minimum eligibility criteria for farmland preservation and will not be added to the proposed expansion area.

#### Pinelands South Project Area

Map 6. ADA Map 6: Pinelands South Project Area (Gallagher, Marple and Thompson Farms) Monroe Township

Additional farm assessed land proposed for inclusion: 102 acres

#### Gallagher Farm Expansion Area, Monroe Township

Located in the Pinelands Planning Area Meet the SADC Minimum Eligibility Criteria for farmland preservation 23 acres of farm assessed land proposed for inclusion

## Gallagher Farm, Monroe Township

Block 8101 – 71 acres

Lots 19, 40, 41, 42, 43, 45, 46, 48.01, 48.02, 49, 52, 58, 67, 68, 74, 75, 76

Location: Jackson Road, Coles Mill Road, and Whitehall Road

Targeted Farm: 54% Tillable, 97% Agricultural Soils

#### Marple Farm, Monroe Township

Block 8101, Lot 44 – 7.7 acres Location: 901 Coles Mill Road

Targeted Farm: 65% Tillable, 100% Agricultural Soils

#### **Thompson Investment Group Farm, Monroe Township**

Block 8101, Lots 17, 18, 39, 61, 62 – 24 acres Location: Jackson Road and Whitehall Road

Targeted Farm: 90% Tillable, 100% Agricultural Soils

The new owner of the Gallagher Farm has approached the Gloucester County Office of Land Preservation with an interest in preserving this farm in Monroe Township. Straddling both sides of Coles Mill Road (CR 538), a portion of this farm is already included in the Pinelands South Project Area in neighboring Franklin Township. Expanding this Project Area to include the Gallagher properties in Monroe Township will allow the farm to be preserved as a farm unit and incorporate an agriculturally productive area in a region of farmland and preserved open space.

*Note*: Monroe Township: Block 8201, Lots 1, 2, and 3 (Hogbin) – The landowner has not expressed interest in preservation and has not been included in the proposed expansion area. The focus of the proposed expansion supports the efforts of the Thompson/Gallagher/Marple group to preserve their farmland holdings in this region.

# Map 7. ADA Map 7: Pinelands South Project Area (Harding Highway-Main Road Expansion) Franklin Township and Newfield Borough

Additional farm assessed land proposed for inclusion: 215acres

# Harding Highway-Main Road Expansion, Franklin Township

Located in the PA4B, Rural/Environmentally Sensitive Planning Area

Farms in Franklin Township included in expansion area, meet the SADC Minimum Eligibility Criteria, and maybe part of farm units extending into Newfield Borough:

Karch Farm: Block 7003, Lot 30 – 7 acres, 538 Main Road

Novicke Farm: Block 7203, Lot 2 – 10.5 acres, 490 Madison Avenue

Capozzi Farm: Block 7203, Lots 19, 22 – 22 acres, 1523 Harding Highway, Pustizzi Farm: Block 7203, Lots 23, 31, 36 and 37 – 73 acres, 1299 Main Road

Sortino Farm: Block 7203, Lot 15 – 6.8 acres, 1625 Harding Highway

Arcangeli Farm: Block 7003, Lot 30 – 0.42 acres

The following farms in Newfield Borough meet the Minimum Eligibility Criteria as a farm unit and connect the ADA to preserved open space and are part of a productive farmland belt:

Euro-American Farms: Block 402, Lots 1 and 3 – 41 acres

Sortino: Block 700, Lot 28 – 16 acres Arcangeli: Block 700, Lot 24 – 19 acres

Pustizzi: Newfield Borough Block 700, Lot 25 – 20 acres

Inadvertently left off the 2008 ADA Map, these properties are part of the rural farming industry centered along Harding Highway (US Route 40). Preserved Farmland is located within close proximity of these farms straddling US 40 and Main Road (County Route 555). The community has a strong history of farmland preservation and municipal support for purchasing development easements on agricultural properties remains strong.

#### Delaware River Project Area

#### Map 9. ADA Map 9: Delaware River Project Area, Logan Township

Areas removed from the ADA within the Delaware River Project Area include the riparian corridor of the Delaware River and Oldmans Creek, and areas identified by the municipality in need of redevelopment. This includes 2,787 acres of farm assessed land. The specific block and lots removed from the Delaware River Project Area are included on the accompanying table to Map 9. ADA Map 9: Delaware River Project Area, Logan Township.

#### Oldmans Creek Project Area

# Map 10. ADA Map 10: Oldmans Creek Project Area, Woolwich Township & Swedesboro Borough

The 2001 State Development and Redevelopment Plan identifies land in Woolwich Township as a designated Town Center, these lands have been removed from the ADA. In addition, land that has been identified by the municipalities as areas in need of rehabilitation or proposed for future development have been excluded from the updated ADA. A total of 1,811 acres of farm assessed property has been removed from this Project Area.

#### Raccoon Creek Project Area

# Map 11. ADA Map 11: Raccoon Creek Project Area, Harrison Township

In Harrison Township, land that has been identified as in need of rehabilitation, and those properties with existing or proposed development sites have been removed from the ADA. In addition, land along the Route 322 transportation corridor have also been excluded from the ADA. A total of 768 acres of farm assessed property have been removed from this Project Area.

#### In summary:

ADA (Project Area) Acreage: 89,921 acres
Preserved Farms in the ADA: 16,777 acres
Preserved Farms in Gloucester County: 16,935 acres
Targeted Farms in the ADA: 19,227 acres
Farm Assessed Property in ADA: 48,658 acres

Total Farm Assessed Land in County: 48,658 acres 63,671 acres

% of Farm Assessed Property in ADA (2015):76.42%% of Farm Assessed Property in ADA (2008):83.75%Net Decrease in Farm Assessed Property:8.75%

Farm Assessed Property Added to ADA: 1,315 acres Farm Assessed Property Removed: 6,404 acres **Net Decrease in Farm Assessed Land in ADA:** 5,090 acres

The Gloucester County ADA, and the changes made to the ADA, is shown on *Map 15*. *Agricultural Development Area (Changes 2012-2015)*.

## Farmland Preserved to Date by Program and Municipality

The Gloucester County Agriculture Development Board (GCADB) was established by the Board of Chosen Freeholders by resolution number 14878, dated December 1, 1982, and resolution number 15834, dated March 21, 1984, under the authority of N.J.S.A. 4:1C-11, et al. In 1983, the New Jersey State Legislature adopted the State Agriculture Retention and Development Act and created the State Agriculture Development Committee (SADC), which provides funding for farmland preservation programs, establishes farmland preservation policy statewide, and oversees program administration.

Between December 15, 2007 and November 1, 2014 Gloucester County preserved an additional 120 farms totaling 6,453 acres. (*Table 10. Farmland Preserved 2008-2014 in Gloucester County*) For the first time Gloucester County preserved land in West Deptford Township. The State spent \$35,705,071 in funding during that time period and the County expended \$46,129,373. Since the start of the municipal Planning Incentive Grant program in 2008, \$1,772,169 has been expended by the local municipalities and non-profit organizations to preserve farmland in Gloucester County. In four local projects, Gloucester County contributed both the County and State Cost Share for farms preserved by municipalities as their town's available PIG funds were exhausted. The average cost per acre was \$12,908.

Table 1	0. Farn	nland Preserv	ved 2008-201	4 in Gloucesto	er County
Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost
East Greenwich	624	\$11,006,824	\$2,892,344	\$8,114,480	\$0
Elk	613	\$4,134,732	\$2,071,590	\$2,063,143	\$0
Franklin	1,121	\$6,471,773	\$3,325,576	\$2,293,635	\$852,561
Glassboro	10	\$62,530	\$0	\$62,530	\$0
Greenwich	157	\$1,952,594	\$1,060,912	\$891,682	\$0
Harrison	657	\$13,243,830	\$4,080,354	\$9,163,477	\$0
Logan	747	\$9,134,276	\$3,209,986	\$5,924,290	\$0
Mantua	423	\$7,306,934	\$2,177,281	\$5,129,654	\$0
Monroe	55	\$292,691	\$0	\$292,691	\$0
South Harrison	886	\$15,213,024	\$8,763,291	\$6,086,813	\$362,920
Washington	42	\$1,078,593	\$0	\$1,078,593	\$0
West Deptford	106	\$1,010,800	\$606,480	\$404,320	\$0
Woolwich	1,012	\$12,698,012	\$7,517,258	\$4,624,066	\$556,688
Total:	6,453	\$83,606,614	\$35,705,071	\$46,129,373	\$1,772,169

As of November 1, 2014, there are 251 permanently preserved farms in Gloucester County, permanently protecting 16,634 acres. Over the course of the County's farmland preservation program, a total of \$140,606,697 has been expended and the State has spent a total of \$64,025,190 to protect farmland in 15 of the County's 24 municipalities. Gloucester County has spent \$74,809,337. The Freeholder Board has strongly supported the proactive acquisition of farmland easements to protect the agricultural integrity of their County. In cases where farms in Gloucester have not ranked high enough to receive state funding, the County will purchase the farms on their own, without the state cost share. (*Table 11. Municipal Farmland Preserved in Gloucester County: 1989-2014*).

Elk Township has the highest amount of preserved farmland in Gloucester County, with 3,724 acres preserved to date. South Harrison (3,439 acres), Franklin (2,291 acres), Harrison (1,505 acres), Woolwich (1,466 acres), and East Greenwich (1,406 acres) each have permanently preserved over 1,000 acres of farmland.

A detailed history of the farmland preservation program, including state and county expenditures is shown in *Table 12*. Gloucester County Farmland Preservation Program History 1989-2007 and Table 13. Gloucester County Farmland Preservation Program History 2008-2014.

Table 11. Municipal Farmland Preserved in Gloucester County: 1989-2014

Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost
Clayton	8	\$49,140	\$0	\$49,140	\$0
East Greenwich	1,406	\$18,439,328	\$5,683,170	\$12,756,158	\$0
Elk	3,724	\$17,344,550	\$11,035,168	\$6,309,383	\$0
Franklin	2,291	\$9,994,444	\$5,472,880	\$3,669,003	\$852,561
Glassboro	53	\$530,547	\$261,076	\$269,471	\$0
Greenwich	202	\$2,303,584	\$1,123,689	\$1,179,895	\$0
Harrison	1,505	\$18,751,937	\$6,440,104	\$12,311,834	\$0
Logan	890	\$10,758,975	\$3,531,950	\$7,227,025	\$0
Mantua	700	\$11,973,334	\$3,663,288	\$8,310,047	\$0
Monroe	591	\$1,684,496	\$896,316	\$788,180	\$0
Newfield	20	\$52,040	\$29,724	\$22,316	\$0
South Harrison	3,439	\$28,683,967	\$15,109,089	\$13,211,958	\$362,920
Washington	234	\$3,280,070	\$1,332,417	\$1,947,653	\$0
West Deptford	106	\$1,010,800	\$606,480	\$404,320	\$0
Woolwich	1,466	\$15,749,484	\$8,839,840	\$6,352,955	\$556,688
Totals:	16,635	\$140,606,697	\$64,025,190	\$74,809,337	\$1,772,169

Table 12	2. Gloucester	Count	y Farmlan	d Preservat	ion Progra	m Histor	y 1989-200	)7
Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
Dibella, J.	Woolwich	164	\$493,356	\$394,685	\$98,671	\$3,000	Cty EP	1989
TOTAL 1989:		164	\$493,356	\$394,685	\$98,671	\$3,000	0.j <u></u> .	
	East		<b>^</b>		4101 710	***	o. =5	4000
Peaslee, et al	Greenwich	222	\$577,718	\$456,000	\$121,718	\$2,608	Cty EP	1992
TOTAL 1992:	0 11 1	222	\$577,718	\$456,000	\$121,718	\$2,608		
Gerlack, M.	S. Harrison/ Woolwich	162	\$316,788	\$221.752	\$95.036	\$1,951	Cty EP	1993
TOTAL 1993:		162	\$316,788	\$221,752	\$95,036	\$1,951		
Bramell, B	Harrison	164	\$326,400	\$244,800	\$81,600	\$1,993	Cty EP	1995
TOTAL 1995:		164	\$326,400	\$244,800	\$81,600	\$1,993		
Pioppi, Estate	Franklin	156	\$183,613	\$143,830	\$39,783	\$1,177	Cty EP	1996
TOTAL 1996:		156	\$183,613	\$143,830	\$39,783	\$1,177	,	
Black, R. & A.	South Harrison	127	\$404,576	\$293,318	\$111,258	\$3,197	Cty EP	1997
Cain, A.	South Harrison	117	\$228,129	\$171,389	\$56,740	\$1.950	Cty EP	1997
Pedrick, H.	South Harrison	33	\$65,584	\$49,188	\$16,396	\$1,988	Cty EP	1997
West, P.	South Harrison	61	\$212,086	\$151,490	\$60,596	\$3,500	Cty EP	1997
Sorbello, F. & C.	South Harrison	50	\$151,982	\$111,121	\$40,861	\$3,038	Cty EP	1997
TOTAL 1997:		387	\$1,062,356	\$776,505	\$285,851	\$2,744		
Mae Partnership Kandle Land	South Harrison	317	\$615,089	\$462,268	\$152,821	\$1,940	Cty EP	1998
Associates	Washington	37	\$426,535	\$319,901	\$106,634	\$11,500	Cty EP	1998
Licciardello, A. & J.	South Harrison	53	\$159,630	\$117,062	\$42,568	\$3,000	Cty EP	1998
TOTAL 1998:		407	\$1,201,254	\$899,231	\$302,023	\$2,949		
Kerns, F. Jr. & M.	Elk	46	\$114,150	\$84,471	\$29,679	\$2,500	Cty EP	1999
Visalli, C. & M.N.	Elk	157	\$486,390	\$354,594	\$131,796	\$3,100	Cty EP	1999
Marino Brothers	South Harrison  Elk/ Harrison/ Mantua/	177	\$614,915	\$439,225	\$175,690	\$3,484	Cty EP	1999
Eachus, E. V.	Sharrison	311	\$1,042,232	\$749,859	\$292,373	\$3,348	Cty EP	1999
Gracemark	Elk	194	\$695,963	\$577,333	\$118,630	\$3,595	SADC FS	1999
TOTAL 1999:		884	\$2,953,650	\$2,205,482	\$748,168	\$3,341		
Sunnydale	Elk/ Franklin	772	\$3,704,037	\$3,072,667	\$631,370	\$4,800	SADC FS	2000
Hackett, R. & D.	South Harrison	130	\$429,660	\$309,876	\$119,784	\$3,300	Cty EP	2000
Leone, A. & A.	South Harrison	151	\$529,620	\$378,300	\$151,320	\$3,500	Cty EP	2000
Riesenweaver	South Harrison	55	\$165,930	\$121,682	\$44,248	\$3,000	Cty EP	2000
Hurff, M. & D.	Franklin/ U Pittsgrove	234	\$749,536	\$543,251	\$206,285	\$3,201	Cty EP	2000
Sorbello, S. & R,	Harrison/ S Harrison	73	\$270,396	\$191,470	\$78,926	\$3,700	Cty EP	2000
Royal Oak, Inc.	South Harrison	73 29	\$106,344	\$62,794	\$76,926 \$43,550	\$3,700	Cty EP	2000
Sunnybrook				•			-	
Nursery	South Harrison Franklin/ U	96	\$296,205	\$194,091	\$102,114	\$3,100	Cty EP	2000
Clemick, A.	Pittsgrove	83	\$275,088	\$0	\$275,088	\$3,300	Cty IEP	2000
Duffield, D. & M.	Washington	147	\$1,668,219	\$948,482	\$719,737	\$11,357	Cty EP	2000
TOTAL 2000:		1771	\$8,195,035	\$5,822,612	\$2,372,423	\$4,628		
Lewis, G. Jr. & K.	Elk	90	\$341,164	\$219,494	\$121,670	\$3,800	Cty EP	2001
Smith, C. & V.	Elk	46	\$128,156	\$81,613	\$46,543	\$2,795	Cty EP	2001
Visalli, S. & B.	South Harrison	89	\$328,227	\$216,559	\$111,668	\$3,700	Cty EP	2001

Table 1	2. Gloucester	Count	y Farmlan	d Preservat	ion Progra		y 1989-200	7
Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
Butler Farms/Gardiner	Harrison	154	\$792,917	\$490.126	\$302,791	\$5,145	Cty EP	2001
Richards, B.	Elk	48	\$179,363	\$105,319	\$74,043	\$3,750	Cty EP	2001
	Franklin/ U						•	
Moore, K. & V.	Pittsgrove	86	\$227,821	\$149,957	\$77,863	\$2,650	Cty EP	2001
TOTAL 2001:		512	\$1,997,647	\$1,263,068	\$734,579	\$3,900		
Fullmer/Trafton - 2	Harrison/ S Harrison	30	\$107,533	\$0	\$107,533	\$3,600	Cty IEP	2002
McCann, E. & S.	Elk	53	\$158,310	\$95,485	\$62,825	\$3,000	Cty EP	2002
Wagner, H.	Elk	131	\$365,736	\$230,218	\$135,518	\$2,800	Cty EP	2002
Dersch	Woolwich	15	\$61,628	\$230,210	\$61,627	\$4,150	Cty Li Cty IEP	2002
Hanst	Elk	141	\$484,057	\$484,057	\$01,027	\$3,434	SADC FS	2002
Папы		141	φ464,05 <i>1</i>	φ404,U3 <i>1</i>	ΦΟ	<b>Ф</b> 3,434	SADCES	2002
Newcombe	East Greenwich	30	\$143,131	\$0	\$143,131	\$4,801	Cty IEP	2002
Gaines, R.	South Harrison	25	\$98,475	\$0	\$98,475	\$3,900	Cty IEP	2002
Kirkpatrick, L. & A.	Elk	24	\$80,741	\$58,231	\$22,510	\$3,300	Cty EP	2002
Butch, J.	Franklin	107	\$268,670	\$183,038	\$85,632	\$2,510	Cty EP	2002
TOTAL 2002:	Tankiii	556	\$1,768,280	\$1,051,030	\$717,250	\$3,182	Cty Li	2002
101AL 2002.	Formulation /	330	\$1,700,200	φ1,051,050	\$717,230	φ3,10 <u>2</u>		
Dubois, B.	Franklin/ Clayton	77	\$530,338	\$366,600	\$163,738	\$6,875	Cty EP	2003
Ashcraft, J. & D.	South Harrison	19	\$62,505	\$41,727	\$20,778	\$3,375	Cty EP	2003
Murphy	Elk	44	\$108,875	\$80,575	\$28,300	\$2,500	Cty EP	2003
Borrie, C.	Woolwich	29	\$144,100	\$0	\$144,100	\$5,000	Cty IEP	2003
Lacovara, N. & C.	South Harrison	9	\$60,227	\$0	\$60,227	\$6,575	Cty IEP	2003
Simon, R.	EastGreenwich	18	\$98,000	\$60,516	\$37,484	\$5,312	Cty IEP	2003
Magliocco, F.	Franklin	25	\$57,750	\$42,936	\$14,814	\$2,300	Cty EP	2003
Zee-Jones, M.	Harrison	75	\$412,102	\$223,235	\$188,867	\$5,501	Cty EP	2003
Pennell	Harrison	107	\$481,500	\$223,759	\$257,741	\$4,500	Cty EP	2003
M. Mood Estate	Elk	248	\$992,816	\$502,006	\$490,810	\$4,000	Cty EP	2003
Costantino, T. & D.	South Harrison	31	\$160,344	\$108,330	\$52,014	\$5,092	Cty EP	2003
Driver, R.	South Harrison	32	\$160,344	\$90,185	\$70,860	\$5,092	Cty EP	2003
,	East Greenwich/		, ,	, ,	, ,	. ,	,	
Leone, S. & J.	Mantua	253	\$2,508,066	\$1,473,333	\$1,034,733	\$9,896	Cty EP	2003
Lewis, G. Jr. & K.	Elk	34	\$184,302	\$121,162	\$63,141	\$5,400	Cty EP	2003
Placendo, J.	Newfield Boro	20	\$52,040	\$29,724	\$22,316	\$2,626	Cty EP	2003
Dibella, Joe -2	Woolwich	45	\$291,627	\$181,400	\$110,228	\$6,511	Cty EP	2003
Alvino, R.	Franklin	49	\$108,691	\$81,024	\$27,667	\$2,200	Cty EP	2003
•	Elk/ Glassboro						•	
Gerlack, L. & P.	Borough	46	\$167,210	\$107,138	\$60,073	\$3,635	Cty EP	2003
Graiff, D.	Franklin	98	\$238,405	\$118,405	\$120,000	\$2,431	SADC EP	2003
Gant, T. & M.	Elk	212	\$1,081,659	\$530,225	\$551,434	\$5,100	Cty EP	2003
Licciardello, R.	Woolwich	16	\$114,450	\$71,940	\$42,510	\$7,000	Cty EP	2003
Horner, W. & S.	South Harrison	279	\$1,059,565	\$680,353	\$379,213	\$3,800	Cty EP	2003
Peterson, R. & C.	Franklin	27	\$79,731	\$55,731	\$24,000	\$2,960	SADC EP	2003
Colton, J. & C.	Franklin	65	\$141,919	\$97,785	\$44,134	\$2,177	Cty EP	2003
Duffield, D. & M.	Washington	8	\$106,723	\$64,034	\$42,689	\$13,700	Cty EP	2003
Wagner, J. & S.	Elk	91	\$337,133	\$211,391	\$125,741	\$3,700	Cty EP	2003
Ruggeri, C.	Greenwich	23	\$223,680	\$0	\$223,680	\$9,600	Cty IEP	2003

Table 12. Gloucester County Farmland Preservation Program History 1989-2007								
					County	Per Acre Total	Type of	Purchase
Original Owner	Township	Acres	Total Cost	State Cost	Cost	Cost	Acquisition	Year
McCann, E. & S.	Elk	37	\$130,114	\$84,388	\$45,726	\$3,485	Cty EP	2003
HFM Properties	South Harrison	49	\$278,958	\$183,525	\$95,433	\$5,700	Cty EP	2003
Totoro, J.	Franklin	13	\$24,048	\$18,170	\$5,878	\$1,800	Cty EP	2003
McCall, W.	South Harrison	25	\$99,440	\$69,608	\$29,832	\$4,000	Cty EP	2003
TOTAL 2003:		2106	\$10,497,362	\$5,919,204	\$4,578,158	\$4,984		
Butler/Sconyeus	Harrison East	79	\$748,182	\$490,126	\$258,057	\$9,501	Cty EP	2004
Leone, J & S - 2	Greenwich	74	\$876,740	\$0	\$876,740	\$11,800	Cty IEP	2004
Chiuili, L. & D. Parker &	South Harrison	10	\$50,610	\$0	\$50,610	\$5,250	Cty IEP	2004
Stevenson	Franklin	13	\$57,150	\$0	\$57,150	\$4,500	Cty IEP	2004
Horner, M.	South Harrison	32	\$226,873	\$142,195	\$84,678	\$7,100	Cty EP	2004
Marchisello, F. Gloucester Co. Fish & Game	Monroe	33	\$119,326	\$84,854	\$34,472	\$3,600	Cty EP	2004
Assoc	Monroe Glassboro	332	\$166,148	\$119,595	\$46,553	\$500	Cty EP	2004
Rowand	Boro Glassboro	23	\$254,515	\$146,758	\$107,757	\$10,900	Cty EP	2004
Rowand, B. & S.	Boro Glassboro	7	\$61,194	\$34,348	\$26,846	\$9,400	Cty EP	2004
Rowand, R. & D.	Boro	13	\$152,308	\$79,970	\$72,338	\$11,600	Cty EP	2004
Fullmer/Trafton -2	Harrision/ S Harrison	20	\$169,901	\$0	\$169,901	\$8,300	Cty IEP	2004
Wagner, D.	Franklin	41	\$154,888	\$109,237	\$45,651	\$3,800	Cty EP	2004
TOTAL 2004:		677	\$3,037,835	\$1,207,082	\$1,830,753	\$4,488		
Dibella, M. & J.	Woolwich	28	\$145,132	\$0	\$145,132	\$5,200	Cty IEP	2005
TOTAL 2005:		28	\$145,132	\$0	\$145,132	\$5,200		
Hanahan, J. & J.	Woolwich	6	\$63,360	\$0	\$63,360	\$11,000	Cty IEP	2006
Madara	Mantua	10	\$272,023	¢Ω	<b>#070 000</b>	\$27,814	Cty IEP	2006
Visalli, C. & M.			7-1-7-1	\$0	\$272,023	Ψ21,014	Cty IEF	2000
	Elk	17	\$141,778	\$55,674	\$272,023 \$86,104	\$8,200	Cty IEP	2006
Dibella C. & J.	Elk Woolwich	17 34		•	, ,		•	
Dibella C. & J. McKendry, F. & J.			\$141,778	\$55,674	\$86,104	\$8,200	Cty EP	2006
	Woolwich	34	\$141,778 \$559,020	\$55,674 \$335,412	\$86,104 \$223,608	\$8,200 \$16,500	Cty EP	2006 2006
McKendry, F. & J.	Woolwich Harrison	34 14	\$141,778 \$559,020 \$115,280	\$55,674 \$335,412 \$68,502	\$86,104 \$223,608 \$46,778	\$8,200 \$16,500 \$8,000	Cty EP Cty EP Cty EP	2006 2006 2006
McKendry, F. & J. Gootee/Costa	Woolwich Harrison Monroe	34 14 29	\$141,778 \$559,020 \$115,280 \$468,960	\$55,674 \$335,412 \$68,502 \$281,376	\$86,104 \$223,608 \$46,778 \$187,584	\$8,200 \$16,500 \$8,000 \$16,000	Cty EP Cty EP Cty EP Cty EP	2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust	Woolwich Harrison Monroe South Harrison	34 14 29 160	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700	Cty EP Cty EP Cty EP Cty EP Cty EP	2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach	Woolwich Harrison Monroe South Harrison Greenwich	34 14 29 160 22	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800	Cty EP Cty EP Cty EP Cty EP Cty EP Cty EP	2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards	Woolwich Harrison Monroe South Harrison Greenwich Mantua	34 14 29 160 22 107	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999	Cty EP	2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K.	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua	34 14 29 160 22 107 9	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706	Cty EP Cty IEP Cty IEP	2006 2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K. Borrie, C 2	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua Woolwich	34 14 29 160 22 107 9	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232 \$43,326	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232 \$43,326	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706 \$4,012	Cty EP Cty IEP Cty IEP Cty IEP	2006 2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K. Borrie, C 2 Borrie, C 3	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua Woolwich Woolwich	34 14 29 160 22 107 9 11	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232 \$43,326 \$87,480	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0 \$0	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232 \$43,326 \$87,480	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706 \$4,012 \$17,496	Cty EP Cty EP Cty EP Cty EP Cty EP Cty EP Cty IEP Cty IEP Cty IEP Cty IEP	2006 2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K. Borrie, C 2 Borrie, C 3 Giuffrida, A.	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua Woolwich Woolwich Harrison	34 14 29 160 22 107 9 11 5	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$288,354 \$588,069	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0 \$0 \$0 \$0	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706 \$4,012 \$17,496 \$14,800	Cty EP Cty EP Cty EP Cty EP Cty EP Cty EP Cty IEP Cty IEP Cty IEP Cty IEP Cty IEP Cty IEP	2006 2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K. Borrie, C 2 Borrie, C 3 Giuffrida, A. Putorti, A.	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua Woolwich Woolwich Harrison Woolwich	34 14 29 160 22 107 9 11 5 12 28 31	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$288,354 \$588,069 \$256,271	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0 \$0 \$0 \$0 \$0 \$157,747 \$250,703 \$163,082	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$130,607 \$337,366 \$93,190	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706 \$4,012 \$17,496 \$14,800 \$10,200 \$19,000 \$6,600	Cty EP Cty EP Cty EP Cty EP Cty EP Cty IEP	2006 2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K. Borrie, C 2 Borrie, C 3 Giuffrida, A. Putorti, A. Horne, B. Leatherwood	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua Woolwich Woolwich Harrison Woolwich Harrison	34 14 29 160 22 107 9 11 5 12 28 31	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$288,354 \$588,069	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0 \$0 \$0 \$0 \$157,747 \$250,703	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$130,607 \$337,366	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706 \$4,012 \$17,496 \$14,800 \$10,200 \$19,000	Cty EP Cty EP Cty EP Cty EP Cty EP Cty IEP	2006 2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K. Borrie, C 2 Borrie, C 3 Giuffrida, A. Putorti, A. Horne, B. Leatherwood Cedarvale Family	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua Woolwich Woolwich Harrison Woolwich Harrison South Harrison Logan Franklin	34 14 29 160 22 107 9 11 5 12 28 31 39 87	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$288,354 \$588,069 \$256,271	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0 \$0 \$0 \$0 \$0 \$157,747 \$250,703 \$163,082	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$130,607 \$337,366 \$93,190	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706 \$4,012 \$17,496 \$14,800 \$10,200 \$19,000 \$6,600 \$5,900 \$5,400	Cty EP Cty EP Cty EP Cty EP Cty EP Cty IEP Cty EP Cty EP Cty EP Cty EP Cty EP	2006 2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K. Borrie, C 2 Borrie, C 3 Giuffrida, A. Putorti, A. Horne, B. Leatherwood Cedarvale Family L. Rauchfuss, C. & E. Estate of Dorothy Gootee	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua Woolwich Woolwich Harrison Woolwich Harrison South Harrison Logan Franklin Monroe East	34 14 29 160 22 107 9 11 5 12 28 31 39 87 29	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$288,354 \$588,069 \$256,271 \$515,819 \$157,572 \$468,960	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0 \$0 \$0 \$0 \$157,747 \$250,703 \$163,082 \$321,964 \$105,048 \$281,376	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$130,607 \$337,366 \$93,190 \$193,855 \$52,524 \$187,584	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706 \$4,012 \$17,496 \$14,800 \$10,200 \$19,000 \$6,600 \$5,900 \$5,400 \$16,000	Cty EP Cty EP Cty EP Cty EP Cty EP Cty IEP Cty EP	2006 2006 2006 2006 2006 2006 2006 2006
McKendry, F. & J. Gootee/Costa A. Marino Trust Mihlbach Heilig Orchards Heilig, C. & K. Borrie, C 2 Borrie, C 3 Giuffrida, A. Putorti, A. Horne, B. Leatherwood Cedarvale Family L. Rauchfuss, C. & E. Estate of Dorothy	Woolwich Harrison Monroe South Harrison Greenwich Mantua Mantua Woolwich Woolwich Harrison Woolwich Harrison South Harrison Logan Franklin Monroe	34 14 29 160 22 107 9 11 5 12 28 31 39 87	\$141,778 \$559,020 \$115,280 \$468,960 \$3,480,485 \$127,310 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$288,354 \$588,069 \$256,271 \$515,819 \$157,572	\$55,674 \$335,412 \$68,502 \$281,376 \$1,308,791 \$62,777 \$0 \$0 \$0 \$0 \$0 \$0 \$157,747 \$250,703 \$163,082 \$321,964 \$105,048	\$86,104 \$223,608 \$46,778 \$187,584 \$2,171,694 \$64,533 \$1,610,430 \$250,232 \$43,326 \$87,480 \$183,668 \$130,607 \$337,366 \$93,190 \$193,855 \$52,524	\$8,200 \$16,500 \$8,000 \$16,000 \$21,700 \$5,800 \$14,999 \$26,706 \$4,012 \$17,496 \$14,800 \$10,200 \$19,000 \$6,600 \$5,900 \$5,400	Cty EP Cty EP Cty EP Cty EP Cty EP Cty IEP Cty EP Cty EP Cty EP Cty EP Cty EP	2006 2006 2006 2006 2006 2006 2006 2006

Table 12	2. Gloucester	Count	y Farmlan	d Preserva	tion Progra	m Histor	y 1989-200	7
						Per Acre		
Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Total Cost	Type of Acquisition	Purchase Year
Emerson, R. & G.	Franklin East Greenwich/	29	\$96,903	\$69,542	\$27,361	\$3,400	Cty EP	2007
Leone, J. & S	Mantua	27	\$317,492	\$156,009	\$161,483	\$11,600	Cty EP	2007
Eivich, E. & S.	Mantua	26	\$235,574	\$141,609	\$93,965	\$8,900	Cty EP	2007
Zirbser, E. & J. Blue Bell Nursery	South Harrison	28	\$429,815	\$257,889	\$171,926	\$15,500	Cty EP	2007
LLC	Monroe	112	\$168,411	\$129,115	\$39,296	\$1,500	Cty EP	2007
Turk, W. & M.	Harrison	28	\$295,050	\$177,030	\$118,020	\$10,500	Cty EP	2007
Harrell, T. & D.	Franklin	19	\$88,830	\$62,748	\$26,082	\$4,700	Cty EP	2007
Eachus, V. & P.	Mantua	96	\$1,980,649	\$1,188,389	\$792,260	\$20,600	Cty EP	2007
Skulnick, M. & C.	South Harrison	81	\$903,318	\$0	\$903,318	\$11,100	Cty IEP	2007
Summerville, B.	Harrison	60	\$1,017,110	\$0	\$1,017,110	\$17,000	Cty IEP	2007
Lafferty, M. & G.	South Harrison	27	\$499,778	\$0	\$499,778	\$18,497	Cty IEP	2007
Haynicz, D. & E.	Elk	55	\$612,165	\$306,083	\$306,083	\$11,100	Cty EP	2007
Frank, J.	Logan	56	\$1,108,879	\$0	\$1,108,879	\$19,801	Cty IEP	2007
Declement/Hogan	Elk	20	\$98,000	\$0	\$98,000	\$5,000	Cty IEP	2007
Dennis, A., E., & D.	Elk/ Clayton	47	\$582,651	\$349,590	\$233,061	\$12,300	Cty EP	2007
	East							
Still Run Properties	Greenwich	80	\$1,844,632	\$0	\$1,844,632	\$23,200	Cty IEP	2007
Ambruster, L.	South Harrison	60	\$1,018,470	\$0	\$1,018,470	\$17,000	Cty IEP	2007
Finnocchiaro, J.	Woolwich	28	\$477,462	\$0	\$477,462	\$17,010	Cty IEP	2007
Haden, D. & K.	Franklin East	18	\$81,720	\$0	\$81,720	\$4,500	Cty IEP	2007
Rioux, S. & E.	Greenwich	60	\$973,004	\$582,772	\$390,232	\$16,200	Cty EP	2007
Power, D.	Clayton	8	\$49,140	\$0	\$49,140	\$6,007	Cty IEP	2007
TOTAL 2007:		966	\$12,879,053	\$3,420,777	\$9,458,277	\$13,336		
COUNTY TOTAL:		9861	\$55,407,598	\$27,480,704	\$27,926,893	\$5,619		

The following abbreviations were used in *Table 12. Gloucester County Farmland Preservation Program History 1989-2007*:

Cty EP - County-owned easement with SADC cost share grant

Cty IEP - County-owned easement purchased independently, without SADC cost share

**SADC EP** – SADC easement purchase (direct)

**SADC FS** - SADC purchase of farm in fee simple

For *Table 13. Gloucester County Farmland Preservation Program History 2008-2014* the following additional abbreviations are used:

Cty PIG – County Planning Incentive Grant program

**Mun PIG** - Municipal Planning Incentive Grant program: For farms preserved through the Municipal PIG program, the cost share was typically split between Gloucester County and the Township.

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
BEZR Homes LLC/NAR Farms LLC	East Greenwich	112	\$3,130,400	\$1,864,464	\$1,265,936	\$0	\$27,950	Cty PIG	2012
Reistle, J. & J.	East Greenwich	15	\$211,710	\$113,100	\$98,610	\$0	\$14,114	Cty PIG	2010
Tomarchio, A. & J.	East Greenwich	63	\$1,080,315	\$648,189	\$432,126	\$0	\$17,148	Cty EP	2008
Grasso, J. & M.A.	East Greenwich	35	\$119,070	\$0	\$119,070	\$0	\$3,402	Cty IEP	2008
Grasso, T.	East Greenwich	10	\$244,608	\$0	\$244,608	\$0	\$24,461	Cty IEP	2008
Leone, J.	East Greenwich	24	\$359,100	\$0	\$359,100	\$0	\$14,963	Cty IEP	2008
Owen, E. & Pool, G.E. 1	East Greenwich	70	\$1,315,684	\$0	\$1,315,684	\$0	\$18,795	Cty IEP	2008
Maglio, V.	East Greenwich	12	\$20,276	\$0	\$20,276	\$0	\$1,690	Cty IEP	2009
Main Street Development Corporation	East Greenwich	64	\$1,218,850	\$0	\$1,218,850	\$0	\$19,045	Cty IEP	2009
Morris, C.	East Greenwich	70	\$1,105,448	\$0	\$1,105,448	\$0	\$15,792	Cty IEP	2011

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
Owen, E. & Pool, G.E. 2	East Greenwich	23	\$195,033	\$0	\$195,033	\$0	\$8,480	Cty IEP	2012
Derringer, I. & F.	East Greenwich	11	\$96,102	\$0	\$96,102	\$0	\$8,737	Cty IEP	2013
Dorman, J. & K.	East Greenwich	17	\$152,820	\$0	\$152,820	\$0	\$8,989	Cty IEP	2013
Maccherone, et al.	East Greenwich, Harrison	77	\$1,696,530	\$331,089	\$1,365,441	\$0	\$22,033	Cty PIG	2012
Brown, R. & M.	East Greenwich, Mantua	37	\$402,244	\$0	\$402,244	\$0	\$10,871	Cty IEP	2014
Hughes Farm	Elk	20	\$455,906	\$273,544	\$182,362	\$0	\$22,795	Cty EP	2008
Hawk, S. & C.	Elk	18	\$50,874	\$0	\$50,874	\$0	\$2,826	Cty IEP	2008
Estate of Catherine Luccarella	Elk	82	\$373,627	\$0	\$373,627	\$0	\$4,556	Cty IEP	2008
McCann, T.	Elk	6	\$127,809	\$0	\$127,809	\$0	\$21,302	Cty IEP	2008
Holly Acres, LLC 2	Elk	126	\$1,070,346	\$1,070,346	\$0	\$0	\$8,495	SADC EP	2009
Doughty, et al.	Elk	26	\$251,693	\$146,471	\$105,223	\$0	\$9,681	Cty PIG	2010
Demaris, R., Jr.	Elk	14	\$28,680	\$0	\$28,680	\$0	\$2,049	Cty IEP	2011

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
DeEugenio, L., Jr. & L.	Elk	138	\$581,230	\$581,230	\$0	\$0	\$4,212	SADC EP	2013
Holly Acres, LLC 3	Elk	27	\$148,110	\$0	\$148,110	\$0	\$5,486	Cty IEP	2013
Haig, A., Lucas, N. & M.	Elk	57	\$389,270	\$0	\$389,270	\$0	\$6,829	Cty IEP	2014
Haynicz, D. & E.	Elk	28	\$205,660	\$0	\$205,660	\$0	\$7,345	Cty IEP	2014
Wright, C. & N.	Elk	38	\$245,180	\$0	\$245,180	\$0	\$6,452	Cty IEP	2014
Rambo, J.	Elk, Harrison, Glassboro	44	\$275,131	\$0	\$275,131	\$0	\$6,253	Cty IEP	2014
Arcangeli, F.	Franklin	40	\$521,047	\$312,628	\$104,209	\$104,209	\$13,026	Mun PIG	2009
Cairone, T. & J.	Franklin	98	\$854,945	\$512,967	\$170,989	\$170,989	\$8,724	Mun PIG	2009
Nichols, J. & V.	Franklin	24	\$188,560	\$115,493	\$73,067	\$0	\$7,857	Cty EP	2009
Travaglione, R. & M.	Franklin	31	\$277,461	\$166,477	\$55,492	\$55,492	\$8,950	Mun PIG	2009
Weber, H., Jr.	Franklin	28	\$350,450	\$210,270	\$70,090	\$70,090	\$12,516	Mun PIG	2009
Cedar Lake Nurseries, LLC	Franklin	85	\$194,810	\$0	\$194,810	\$0	\$2,292	Cty IEP	2009
Genna, V. & M.	Franklin	49	\$345,786	\$207,472	\$69,157	\$69,157	\$7,057	Mun PIG	2011
Gallagher, Josephine	Franklin	43	\$299,719	\$179,831	\$59,944	\$59,944	\$6,970	Mun PIG	2011

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
Estate of J. Tweed 1 (McGiboney & Pfrommer)	Franklin	57	\$382,446	\$229,468	\$76,489	\$76,489	\$6,710	Mun PIG	2011
Estate of J. Tweed 2 (McGiboney & Pfrommer)	Franklin	64	\$374,226	\$187,113	\$187,113	\$0	\$5,847	SADC EP	2011
Butch, J. 2	Franklin	131	\$817,738	\$0	\$817,738	\$0	\$6,242	Cty IEP	2012
Bellone, A Jr. & T.	Franklin	50	\$244,353	\$146,612	\$48,871	\$48,871	\$4,887	Mun PIG	2013
Capozzi Family Foundation, Inc.	Franklin	245	\$633,632	\$633,632	\$0	\$0	\$2,586	SDEP	2013
Lenzi, D. & I.	Franklin	38	\$103,712	\$62,227	\$20,742	\$20,742	\$2,729	Mun PIG	2013
Stiles, N. & McGee, D.	Franklin	25	\$125,900	\$75,540	\$25,180	\$25,180	\$5,036	Mun PIG	2013
Kargman, B. & D. #3	Franklin	28	\$142,499	\$85,499	\$28,500	\$28,500	\$5,089	Mun PIG	2014
Kargman, B. & D. #1	Franklin	10	\$71,865	\$43,119	\$14,373	\$14,373	\$7,187	Mun PIG	2014
Kargman, B. & D. #4	Franklin	26	\$196,500	\$117,900	\$39,300	\$39,300	\$7,558	Mun PIG	2014
Kargman, B. & D. #2	Franklin	7	\$65,547	\$39,328	\$13,109	\$13,109	\$9,364	Mun PIG	2014
Falciani, M.	Franklin	12	\$70,716	\$0	\$56,573	\$14,143	\$5,893	Mun PIG	

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
Motolla, L., and Williams, J.	Franklin	9	\$77,869	\$0	\$62,295	\$15,574	\$8,652	Mun PIG	
Nappa, Al, Jr.	Franklin	11	\$97,742	\$0	\$78,193	\$19,548	\$8,886	Mun PIG	
Sansalone, Joseph	Franklin	10	\$34,251	\$0	\$27,401	\$6,850	\$3,425	Mun PIG	
Patane, A. & M.	Greenwich	125	\$1,533,318	\$846,833	\$686,485	\$0	\$12,267	Cty PIG	2013
Stefka, R. & W.	Greenwich	32	\$419,276	\$214,079	\$205,197	\$0	\$13,102	Cty PIG	2013
Tomarchio, A. & J.	Harrison	37	\$662,770	\$397,662	\$265,108	\$0	\$17,913	Cty EP	2008
Datz, J. & D.	Harrison	23	\$312,480	\$0	\$312,480	\$0	\$13,586	Cty IEP	2008
Gonserkavis, J., J. & M.	Harrison	26	\$593,578	\$356,147	\$237,431	\$0	\$22,830	Cty PIG	2009
Turk, J.	Harrison	38	\$545,867	\$327,016	\$218,851	\$0	\$14,365	Cty PIG	2009
W.W. Heritage Sons Inc.	Harrison	33	\$819,476	\$491,686	\$327,790	\$0	\$24,833	Cty PIG	2009
Clendining Farm LP	Harrison	168	\$3,624,210	\$0	\$3,624,210	\$0	\$21,573	Cty IEP	2009
Clendining, J.	Harrison	56	\$1,544,160	\$0	\$1,544,160	\$0	\$27,574	Cty IEP	2009
Back Creek Holding Trust	Harrison	62	\$1,129,055	\$644,300	\$484,755	\$0	\$18,211	Cty PIG	2010
Eachus, E. & W.	Harrison	56	\$1,099,410	\$659,646	\$439,764	\$0	\$19,632	Cty EP	2010
Hoagland, R. & C.	Harrison	5	\$98,276	\$0	\$98,276	\$0	\$19,655	Cty IEP	2011

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
Clendining, T.	Harrison	6	\$65,978	\$0	\$65,978	\$0	\$10,996	Cty IEP	2012
Holtzhauser, T.	Harrison	90	\$1,899,000	\$1,139,400	\$759,600	\$0	\$21,100	Cty PIG	2014
Estate of Shirley Hazelton	Harrison	41	\$512,825	\$0	\$512,825	\$0	\$12,508	Cty IEP	2014
Shiveler, W., Jr. & M. & R. & M.	Logan	123	\$2,022,405	\$2,022,405	\$0	\$0	\$16,442	SADC EP	2008
Logan Meadows, LLC	Logan	128	\$1,501,250	\$0	\$1,501,250	\$0	\$11,729	Cty IEP	2008
Coco, L.	Logan	165	\$2,142,153	\$1,187,581	\$954,572	\$0	\$12,983	Cty PIG	2009
Thompson, J.	Logan	59	\$659,917	\$0	\$659,917	\$0	\$11,185	Cty IEP	2011
Cavallaro, F., Jr.	Logan	62	\$614,730	\$0	\$614,730	\$0	\$9,915	Cty IEP	2012
Cali, A. & B.	Logan	37	\$385,590	\$0	\$385,590	\$0	\$10,421	Cty IEP	2013
Cavallaro, J.A.	Logan	38	\$353,280	\$0	\$353,280	\$0	\$9,297	Cty IEP	2013
Austin, J.	Logan	46	\$437,000	\$0	\$437,000	\$0	\$9,500	Cty IEP	2014
Leone, R. & A.	Logan	43	\$530,425	\$0	\$530,425	\$0	\$12,335	Cty IEP	2014
Ragusa, M. & J.	Logan	46	\$487,526	\$0	\$487,526	\$0	\$10,598	Cty IEP	2014
Tomarchio, A. & J.	Mantua	20	\$385,514	\$231,309	\$154,206	\$0	\$19,276	Cty EP	2008
Read, P. & M. 1	Mantua	23	\$363,460	\$0	\$363,460	\$0	\$15,803	Cty IEP	2008
Read, P. & M. 2	Mantua	22	\$363,460	\$0	\$363,460	\$0	\$16,521	Cty IEP	2008
Hurff, J. & I.	Mantua	44	\$1,058,702	\$135,327	\$923,374	\$0	\$24,061	Cty PIG	2009
Furfari, J. & T.	Mantua	27	\$648,100	\$0	\$648,100	\$0	\$24,004	Cty IEP	2009

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
Heilig Orchards, Inc.	Mantua	107	\$1,610,430	\$706,946	\$903,484	\$0	\$15,051	Cty EP	2010
Prowe, G.	Mantua	25	\$347,914	\$208,748	\$139,166	\$0	\$13,917	Cty PIG	2011
Still Run Properties, LLC.	Mantua	93	\$1,491,728	\$894,950	\$596,778	\$0	\$16,040	Cty PIG	2011
Caltabiano/Triad III, LLC	Mantua	61	\$1,026,755	\$0	\$1,026,755	\$0	\$16,832	Cty IEP	2011
King, S.	Monroe	25	\$116,303	\$0	\$116,303	\$0	\$4,652	Cty IEP	2008
Nicolary, L. & K.	Monroe	30	\$176,388	\$0	\$176,388	\$0	\$5,880	Cty IEP	2008
Keefer, B.	South Harrison	61	\$1,062,250	\$1,062,250	\$0	\$0	\$17,414	SADC EP	2008
Pettit, G.	South Harrison	90	\$1,739,000	\$854,380	\$521,700	\$362,920	\$19,322	NPG	2008
Gattuso Estates LLC	South Harrison	101	\$1,949,860	\$1,169,916	\$779,944	\$0	\$19,306	Cty PIG	2009
Sorbello, F. & J.	South Harrison	28	\$609,214	\$365,529	\$243,686	\$0	\$21,758	SADC EP	2009
Sorbello, T. & M.	South Harrison	127	\$1,900,545	\$1,900,545	\$0	\$0	\$14,965	SADC EP	2009
Sturgis, E. & S.	South Harrison	128	\$2,557,600	\$2,557,600	\$0	\$0	\$19,981	SADC FS	2009
Eachus, E. & W.	S. Harrison	6	\$108,966	\$65,380	\$43,586	\$0	\$18,161	Cty EP	2010
JBJ Interests, LLC	S. Harrison	31	\$453,195	\$0	\$453,195	\$0	\$14,619	Cty IEP	2011

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
McCann, H.	South Harrison	90	\$1,489,433	\$0	\$1,489,433	\$0	\$16,549	Cty IEP	2011
Maccherone, S.	South Harrison	110	\$1,312,820	\$787,692	\$525,128	\$0	\$11,935	Cty PIG	2013
Piersol Homes at Country Bridge Estates, LLC	South Harrison	50	\$1,434,931	\$0	\$1,434,931	\$0	\$28,699	Cty IEP	2013
The Harlan Corporation	South Harrison	64	\$595,210	\$0	\$595,210	\$0	\$9,300	Cty IEP	2014
Estate of Katherine Stoyko	Washington	7	\$285,185	\$0	\$285,185	\$0	\$40,741	Cty IEP	2008
Ayling, S. & R.	Washington	35	\$793,408	\$0	\$793,408	\$0	\$22,669	Cty IEP	2012
Urban, G.	West Deptford	106	\$1,010,800	\$606,480	\$404,320	\$0	\$9,536	Cty PIG	2012
Finocchiaro, R. & S.	Woolwich	24	\$474,634	\$284,780	\$94,927	\$94,927	\$19,776	Mun PIG	2008
Sorbello, T. & M.	Woolwich	41	\$617,715	\$617,715	\$0	\$0	\$15,066	SADC EP	2009
Estate of S. Catalano	Woolwich	139	\$1,644,077	\$1,644,077	\$0	\$0	\$11,828	SADC EP	2009
DiBella, J. 3	Woolwich	16	\$281,700	\$0	\$281,700	\$0	\$17,606	Cty IEP	2009
Steecher, D. & A.	Woolwich	62	\$881,363	\$0	\$881,363	\$0	\$14,216	Cty IEP	2009

**Table 13. Gloucester County Farmland Preservation Program History 2008-2014** 

Original Owner	Township	Acres	Total Cost	State Cost	County Cost	Municipal / Nonprofit Cost	Per Acre Total Cost	Type of Acquisition	Purchase Year
Back Creek Holding Trust	Woolwich	22	\$410,231	\$234,100	\$176,131	\$0	\$18,647	Cty PIG	2010
Eastlack, P.	Woolwich	48	\$589,496	\$353,698	\$117,899	\$117,899	\$12,281	Mun PIG	2011
Chiuccarello, M.	Woolwich	53	\$793,500	\$476,100	\$317,400	\$0	\$14,972	Cty PIG	2011
DiBella, M. & J.	Woolwich	94	\$1,120,214	\$672,128	\$448,085	\$0	\$11,917	Cty PIG	2011
Heatherwood Farms III, LLC	Woolwich	78	\$857,912	\$504,847	\$353,065	\$0	\$10,999	Cty PIG	2011
Wright, R. & DiBella, J.	Woolwich	129	\$1,528,863	\$917,318	\$611,545	\$0	\$11,852	Cty PIG	2011
Davidson, E.	Woolwich	28	\$447,904	\$268,742	\$179,162	\$0	\$15,997	Cty EP	2012
Davidson Group	Woolwich	23	\$420,209	\$0	\$420,209	\$0	\$18,270	Cty IEP	2012
Tuting, H.	Woolwich	6	\$72,114	\$0	\$72,114	\$0	\$12,019	Cty IEP	2012
Vandergracht, T.	Woolwich	17	\$254,670	\$152,802	\$50,934	\$50,934	\$14,981	Mun PIG	2013
Westrum Swedesboro, LLC	Woolwich	84	\$512,165	\$512,165	\$0	\$0	\$6,097	SADC EP	2013
Hidden Valley Land Company	Woolwich	67	\$326,605	\$0	\$326,605	\$0	\$4,875	Cty IEP	2013
DeLuca Lot Investors, LP	Woolwich	81	\$1,464,642	\$878,785	\$292,928	\$292,928	\$18,082	Mun PIG	2014
Total:		6,453	\$83,606,614	\$35,705,071	\$46,129,373	\$1,772,169	\$12,956		

#### County Easement Purchase

County Easement Purchases involve the sale of farmland development rights to the county by the landowner. By selling their development rights to the county, the landowner agrees to restrict their land to agricultural use. The landowner still retains ownership of his or her farm and can sell it on the open market at any time, but the land is deed-restricted, in perpetuity, for agricultural use.

To be eligible for the County Easement Purchase program, a landowner must complete an application. In the past, these applications were distributed once a year, with the new County Planning Incentive Grant program there will no longer be an annual application date for the County Easement Purchase program. Following review of the application and a site visit by the CADB, two independent appraisals must be conducted. Each appraisal should determine the land's fair market value and its agricultural value. The difference between these two is the price of the farm's "development rights," also known as the easement value. The easement value offered to the landowner is the price that the SADC certifies based on the findings of the two independent appraisals. If this price is accepted, the County has title work and a survey done for farms receiving final State, County and Municipal approvals, and then schedules a closing. The landowner still retains ownership of his or her farm and can sell it on the open market at any time, but the land is deed-restricted, in perpetuity, for agricultural use.

In certain situations, the SADC may cost share on an easement which has been, or is being acquired, by a county. The SADC will not authorize a grant for greater than 80% of the SADC's certified fair market value of the development easement. If the landowner's asking price is greater than the certified fair market value, the SADC's cost share grant shall be based upon the SADC's certified fair market value. The percent cost share is based upon the sliding scale shown in *Table 14. SADC Sliding Cost Share*.

Table 14. SADC Sliding Cost Share					
Landowner's Asking Price	Percent SADC Cost Share				
From \$0.00 to \$1,000	= 80% above \$0.00				
From > \$1,000 to \$3,000	= \$800 + 70% above \$1,000				
From > \$3,000 to \$5,000	= \$2,200 + 60% above \$3,000				
From > \$5,000 to \$9,000	= \$3,400 + 50% above \$5,000				
From > \$9,000 to \$50,000	= 60%				
From > \$50,000 to \$75,000	= \$30,000 + 55% above \$50,000				
From > \$75,000 to \$85,000	= \$43,750 + 50% above \$75,000				
From > \$85,000 to \$95,000	= \$48,750 + 40% above \$85,000				
From > \$95,000 to \$105,000	= \$52,750 + 30% above \$95,000				
From > \$105,000 to \$115,000	= \$55,750 + 20% above \$105,000				
From > \$115,000	= \$57,750 + 10% above \$115,000				

#### County Planning Incentive Grants

The goal of County Planning Incentive Grants (PIGs) is to protect and preserve large pieces of contiguous farmland through the purchase of development easements. The State Agriculture Development Committee (SADC) updated their rules (N.J.A.C. 2:76-6.3 through 2:76-17A.17) to promote County PIGs to streamline and expand the farmland preservation program throughout the state. In order to qualify for PIGs, an agricultural advisory committee, as which the County Agriculture Development Board (CADB) functions for the county, is necessary. Additionally, the county must maintain a dedicated source of funding or alternative means for funding farmland preservation. Both county and municipal applications should correlate with county comprehensive farmland preservation plans. Gloucester County developed their 2008 Comprehensive Farmland Preservation Plan in order to bring it in to compliance with the adopted guidelines and qualify for the County Planning Incentive Grant program.

Gloucester County has encumbered and expended in each funding round the following grants awarded through the SADC, including both the base award and competitive grants:

2009: \$4,948,228.26 encumbered and expended 2011: \$4,500,000.00 encumbered and expended 2013: \$5,889,355.26 encumbered and expended

Gloucester County was *number one* in the State to use its available funding for each of these funding rounds.

## Municipal Planning Incentive Grants

Municipal Planning Incentive Grants (PIGs) are very similar to the County PIGs in their goals, requirements, and implementation. Like the County PIGs, Municipal PIGs require a local financial commitment for preserving farmland. Upon the completion of a municipal Farmland Preservation Plan and application to the SADC, grants are provided by the SADC in order to purchase development easements. The Farmland Preservation Plan describes the farms that are the focus of the municipal PIG. In order to qualify for this program, the town must have an agricultural advisory committee and a source of funding for farmland preservation. Farms preserved through a municipal PIG need to be approved by the CADB only when there is a county cost share.

Elk, Franklin and Woolwich Townships have state-approved Comprehensive Farmland Preservation Plans in Gloucester County. Franklin and Woolwich Townships have preserved land through the Municipal Planning Incentive Grant program. These farms are identified in *Table 13*. *Gloucester County Farmland Preservation Program History* 2008-2014.

In Gloucester County the SADC has funded 60% of the development easement purchase through the municipal PIG program, and the CADB and municipality have split the remaining cost 50:50. In four projects in Franklin Township (Falciani, Motolla, Nappa and Sansalone) Gloucester County made up the difference for the State Cost Share, as Franklin Township's available PIG funds were expended. In these projects Gloucester County contributed 80% and Franklin contributed 20%.

# SADC State Acquisition Program

#### SADC Direct Easement Purchase

The State Agriculture Development Committee (SADC) is the lead program in administering the state's Farmland Preservation Program. The SADC:

- Provides cost share funding for the purchase of development easements.
- Directly purchases farms and development easements from landowners;
- Administers grants to landowners in the Farmland Preservation Program to fund up to 50% of soil and water conservation projects;
- Administers the Right to Farm Program (discussed in *Chapter 8*);
- Administers the Transfer of Development Rights Bank; and,
- Operates the Farm Link Program, which helps connect farm owners with potential tenant farmers.

The SADC Direct Easement Purchase is a program that allows a landowner to apply directly to the SADC for the sale of development rights. In most cases, the State will pay up to 100% of the certified appraised easement value in the direct easement purchase program. By participating in this program, the landowner still retains ownership of their land, but agrees to restrict land use to agricultural purposes. The Direct Easement Program does not usually receive monetary contributions from the County or municipality.

## **SADC Fee Simple**

A fee simple acquisition involves an entire property being purchased directly by the state for farmland preservation purposes. The SADC pays the survey and title costs, the landowner is exempt from paying rollback taxes for farmland assessment and the transaction can be completed in a matter of months. The SADC negotiates a purchase price subject to recommendations of two independent appraisers and review by a state review appraiser. The land becomes restricted so that it becomes permanently preserved for agriculture. In this type of acquisition, the landowner does not retain any rights. The property is then resold at auction, the SADC does not retain ownership. To qualify to participate in this program, the farmland must be within an ADA and be eligible for Farmland Assessment.

#### **Nonprofit Grant Program**

Grants are provided to nonprofit organizations by the State Agriculture Development Committee for farmland preservation. These grants fund up to 50% of the fee simple or development easement values on farms. These grants help to preserve farmland throughout the County. These grants are obtained through an application process, in which the land is valued by independent appraisers. Often, farms preserved in the nonprofit program have agricultural and environmental significance.

The 90-acre Pettit Farm in South Harrison Township was preserved in 2008 cooperatively with the New Jersey Conservation Foundation (who is the easement holder). Gloucester County contributed 30% of the total \$1,739,000.00 settlement costs (\$521,700.00).

#### **Transfer of Development Rights**

The transfer of development rights is a growth management tool that transfers development rights from one location, a preservation area called the sending area, to an identified growth area called the receiving area. The development rights are used to allow for development at a higher density than what the previous zoning of the receiving area allowed. Woolwich Township has completed a TDR Plan.

# **Consistency with SADC Strategic Targeting Project**

The purpose of the SADC Strategic Targeting Project is to prioritize farmland to be preserved by targeting farms for preservation based on specific criteria, including the prioritization of prime and statewide soils in agricultural production outside sewer service areas. According to the SADC, the Strategic Targeting Project has three primary goals. These are as follows:

- The coordination of farmland preservation and retention of agricultural practices "with proactive planning initiatives."
- To update and create maps which serve as a tool for more accurate preservation targets.
- To coordinate different preservation efforts, such as open space, with farmland preservation.

Through the use of the Strategic Targeting Program, the SADC hopes to more efficiently target and designate farmland for preservation and, by doing so, boost the State's agricultural industry.

The Gloucester CADB, through the completion of its 2008 Comprehensive Farmland Preservation Plan, meets each of the goals as outlined in the Strategic Targeting Project. In addition, the municipal agricultural advisory committees work closely with the Gloucester CADB in the establishment of municipal project areas and identification of targeted farms, thus ensuring consistency for municipal farmland plans, the County Plan, and the SADC Strategic Targeting Project.

# **Eight Year Programs**

The 8-Year Farmland Preservation Program is a temporary preservation program which includes eligibility for soil and water conservation grants as an incentive for participation. For entrance into these programs and to qualify for benefits, a farm must be located within an ADA. The farmer signs an agreement that restricts the land to agricultural use for eight years and the farmer is eligible to receive 50% cost sharing for these projects as well as protection against emergency energy and water restrictions and eminent domain.

Technical assistance for the soil and water practices comes through the Natural Resource Conservation Service.

In Gloucester County, 499 acres are protected through an eight-year program. This is down from 868 acres in 2008. There are 12 farms enrolled in these programs, of which seven are preserved through the municipal eight-year program. This includes two farms in Franklin, two farms in Harrison (one of which overlaps with Mantua), two farms in Woolwich and one farm in East Greenwich. The remaining five farms are enrolled in the state eight-year program. This includes two farms in Mantua, one farm overlapping Clayton and Franklin, one farm in Monroe, and one farm in Woolwich. (*Table 15. Farms Enrolled in the 8-Year Preservation Program in Gloucester County*)

Table 15. Farms Enrolled in the 8-Year Preservation Program in Gloucester County							
Township	Owner Name	<b>Expiration Date</b>	Acres				
East Greenwich	Brown Farm	May 25, 2021	86				
Franklin	Clemick	Dec. 4, 2022	47				
Franklin	Collins	Dec. 4, 2022	9				
Harrison/Mantua	Boarts	April 17, 2015	51				
Harrison	Katinos Farm	April 17, 2015	16				
Woolwich	Horner Farm 1	July 15, 2021	40				
Woolwich	Horner Farm 2	Aug. 27, 2022	6				
		<b>MUNICIPAL TOTAL:</b>	255				
Clayton/Franklin	DuBois	April 11, 2016	77				
Mantua	Still Run Properties, LLC 1	July 9, 2021	43				
Mantua	Still Run Properties, LLC 2	July 9, 2021	50				
Monroe	Muth	April 17, 2015	45				
Woolwich	Finnochiaro	June 6, 2018	29				
		STATE TOTAL:	244				

# **Coordination with Open Space Initiatives**

A cooperative project involves a partnership and/or funding from more than one agency. This kind of project leverages county farmland preservation dollars and makes use of municipal open space trust funds or grants to non-profit organizations. These "hybrid" projects are an opportunity to use traditional open space funds, where appropriate, to help preserve farm properties, especially where those properties are a mixture of cropland and woodland areas. The use of Green Acres funding, local open space trust funds, and nonprofit grant funds are becoming increasingly important to preserving agricultural landscapes. All publicly preserved open space is shown in "green" on *Map 14*. *Farmland*.

To date, no open space purchases have been completed as part of a farmland project. The County strives to avoid conflicts between agricultural operations and adjoining public

open space and supports buffers between adjacent land uses. The County does follow up with the towns to ensure there is a buffer between open recreational lands and farmland.

Gloucester County and several municipalities have enrolled in the Planning Incentive (PI) grant program with the New Jersey Department of Environmental Protection, Green Acres program for open space preservation. The towns and their current status is listed in Table 16. Municipal and County Enrollment in the NJDEP Green Acres Planning Incentive Grant Program.

Table 16. Municipal and County Enrollment in the NJDEP Green Acres Planning Incentive Grant Program								
Municipality/County	Current Status	Project Type	Program					
Gloucester County	Open	Open Space Plan	PI					
East Greenwich Township	Open	Open Space And Recreation Plan	PI					
Franklin Township	Closed	Planning Incentive	PI					
Harrison Township	Open	Planning Incentive Grant	PI					
Logan Township	Canceled	Open Space Plan	PI					
Washington Township	Open	Open Space & Recreation Project	PI					
Woolwich Township	Open	Open Space Plan	PI					
Source: NJDEP Green Acres, Steve Jandoli, November 2014								

Municipalities in Gloucester County which have municipal trust funds for open space and recreation are utilizing them for land acquisition, development and/or maintenance of recreation facilities. Franklin (19% of its Trust Fund), Mantua (64%), and Woolwich Townships (25%) are using a portion of their local trust fund for maintenance of facilities. Three municipal trust funds are obligated by past purchases (Harrison [95%], Washington [97%], and Mantua [36%, the balance of their trust fund]. Two towns have used their trust fund to purchase farmland (Franklin, Washington). Four communities have large balances in their trust fund (Logan [\$778,355], Mantua [\$562,946], Monroe [\$999,000] and Woolwich [\$634,327]). Mantua and Woolwich Townships will be utilizing their balances in the near future to close on pending projects. (*NJDEP Green Acres – Steve Jandoli, Gloucester County – Ken Atkinson, November 2014*).

Table 17. Municipal Open Space Trust Funds in Gloucester County provides the current status of local open space trust funds in Gloucester County. No new trust funds have been approved since 2008, five have been reduced, and one municipality has eliminated its trust fund.

**Table 17. Municipal Open Space Trust Funds in Gloucester County** Municipal Open Municipal Change Annual Space **Tax Rate** from 2008 **Existing** amount fund (per \$100) Plan **Balance** Town generated East Greenwich Township Yes 0.029 none \$311,490.00 Franklin Township \$123,415.00 Yes 0.01 \$210,551.15 none \$38,795.50 Harrison Township 0.06 \$821,973.00 Yes none Reduced Logan Township Yes 0.006 (was 0.01)\$778,364.96 \$61,430.15 Mantua Township 0.02 \$562,946.52 \$267,000.00 Yes none Reduced Monroe Township \$998,700.00 \$72,046.00 Yes 0.003 (was 0.02)South Harrison Eliminated Township No 0 (was 0.01)Washington Reduced Township 0.012 (was 0.02)\$493,300.07 No West Deptford Reduced Township Yes 0 (was 0.02)\$0.00 \$852,785.02 Woolwich Reduced Township Yes 0.03 (was 0.05)\$634,326.88 \$325,250.08 Source: NJDEP Green Acres - Steve Jandoli, Gloucester County Tax Assessor Office, Municipal Tax

**Farmland Preservation Program Funding Expended to Date by Source** 

The Gloucester County Farmland and Open Space Preservation Fund was first established in 1993 as a one-cent tax levy, passed by a 69% majority. In 2000 an additional one-cent levy was approved by a 67% majority, bringing the total tax to two-cents. An additional two-cents, was approved in 2004 by a 61% majority. In 2014 the County continues to collect a four-cent tax levy. In 2014 the income was \$10,298,559 and the debt service is currently \$4,500,000. Farmland preservation uses the majority of these funds, as there are generally more farmland preservation projects than open space preservation projects in Gloucester County. Currently approximately 90% of the funds collected are directed towards the farmland program and 10% (or as needed) is directed toward open space. All administrative costs are deducted directly from the County Trust fund.

Since 1989 Gloucester County has permanently preserved 16,634 acres of farmland in 251 farms. Over the course of the County's farmland preservation program, a total of \$140,606,697 has been expended to preserve 16,634 acres. The State has provided \$64,025,190 in funding and Gloucester County has spent \$74,809,337.

Assessors, November 2014

# **Monitoring of Preserved Farmland**

To verify that compliance with the deed restrictions on preserved property is taking place, Ken Atkinson, Director of the County Office of Land Preservation and Eric Agren, Field Representative, perform annual inspections of the property.

The inspectors take note of the following:

- Change in ownership since the previous inspection
- Changes in residential, agricultural and non-agricultural uses
- Evidence of mining or removing of materials such as sand, gravel, rock, etc.
- Evidence of dumping or fallow fields
- Whether or not the farm has an approved conservation plan
- Any issues which may be in violation of the Deed of Easement and determination of what corrective actions may be necessary.

# **Coordination with Transfer of Development Rights Programs**

Transfer of Development Rights (TDR) may be used in conjunction with the traditional Purchase of Development Rights (PDR) program; these two programs are not mutually exclusive. As previously described, Woolwich Township is implementing a TDR program. Gloucester County supports this initiative. See *Chapter 3* for a discussion of the possibilities for implementing and coordinating transfer-of-development rights programs within Gloucester County.

# CHAPTER 5: FUTURE FARMLAND PRESERVATION PROGRAM









#### **Preservation Goals**

Gloucester County is 215,471 acres (336.7 square miles) in size. Of this 63,671 acres, or 29.5%, of total land area, are under farmland assessment, which encompasses croplands, woodlands, farm structures, and wetlands/waterways that occur on agricultural property. The 2002 Census of Agriculture identified 50,753 acres as farms, which excludes those farmland assessed parcels that are not in active agricultural production. The 2012 Census of Agriculture identifies 43,265 acres as farms, 20% of the County's land base and 68% of the farm assessed property in Gloucester.

As of December 31, 2007, Gloucester County had preserved 10,181 acres of farmland. By November 1, 2014, Gloucester County had preserved 16,935 acres<sup>b</sup>, with an additional 246 acres pending preservation. Gloucester County has preserved an additional 6,453 acres since the publication of its 2008 Comprehensive Farmland Preservation Plan, exceeding its goal of preserving 1,000 acres per year.

Based upon a parcel based analysis of the State's Minimum Eligibility Criteria for productive soils and tillable land, **19,227 acres** are potentially eligible for farmland preservation in Gloucester County within the County's ADA. The Board of Chosen Freeholders currently, and historically, supports a strong and active program of farmland preservation. Based upon the inventory of farmland eligible for preservation, high landowner interest, and the amount of potential funding available, the following preservation goals are presented for Gloucester County:

One year target: 1,000 acres Five year target: 4,000 acres Ten year target: 8,000 acres.

# **Public Participation**

For the development of this *Comprehensive Farmland Preservation Plan Update*, the Gloucester County CADB hosted a series of public meetings on the *Plan Update* and the proposed changes to the Agricultural Development Area. (see *Chapter 4*)

<sup>&</sup>lt;sup>b</sup> As measured using the ArcGIS 10.3 analysis, this number is greater than the actual acres preserved as it does not exclude exception areas and is not based on the surveyed acreage.

# **Project Area Summaries**

The Gloucester County CADB identified 11 project areas in the Agricultural Development Area for farmland preservation. These project areas are shown on *Map 16*. *Project Areas* and *Table 18*. *Summary of Farm Assessed Land in Gloucester County's* Project Areas. These were developed by analyzing the County's soils and tillable land areas, as well as productive farmland and existing preserved farmland clusters:

- 1. Chapel Heights
- 2. Delaware River
- 3. New Brooklyn
- 4. Oldmans Creek
- 5. Pinelands North
- 6. Pinelands South
- 7. Pitman Downer
- 8. Raccoon Creek
- 9. Repaupo-Mantua Creek
- 10. Still Run
- 11. Washington North

Table 18. Summary of Farm Assessed Land in Gloucester County's Project Areas								
Project Areas	Total Farm Assessed Land (Acres)	Unpreserved Farm Land (Acres)	Preserved Farm Land (Acres)	Farm Land in the 8- Year Program (Acres)	Farm Land Pending Preservation (Acres)			
Chapel Heights	242.06	1.45	289.44	-	-			
Delaware River	3,018.34	1,964.13	1,054.21	-	87.49			
New Brooklyn	54.47	24.18	30.29	-	-			
Oldmans Creek	4,803.39	3,250.06	1,553.33	48.49	-			
Pinelands North	1,399.49	1,216.32	183.17	-	-			
Pinelands South	11,664.00	9,598.21	2,084.92	8.61	18.57			
Pitman Downer	168.51	168.51	-	42.35	-			
Raccoon Creek	10,830.15	5,720.92	5,142.76	46.48	-			
Repaupo-Mantua Creek	6,385.17	4,111.55	2,282.12	98.14	93.63			
Still Run	10,064.10	5,947.11	4,144.88	-	46.15			
Washington North	27.97	15.71	12.26	-	-			
Total: Project Areas	48,657.64	32,018.14	16,777.38	244.06	245.84			
Not within Project Areas			158.02					
County Total	63,670.54	46,873.01	16,935.40	244.06	245.84			

# **Project Area Inventory**

For each project area, an analysis was completed to identify the amount and density of preserved farmland, soils and size of the area. The following data was determined:

- i. The total acreage of targeted farms;
- ii. The total acreage of farms with final approval;
- iii. The total acreage of preserved farmland;
- iv. The total acreage of other deed restricted farmland;
- v. The total acreage of farms enrolled in the eight-year farmland preservation program or municipally-approved farmland preservation program;
- vi. The total acreage of preserved open space compatible with agriculture.

For each of the above categories, the land area within each project area is expressed as a ratio between the total acreage for each category and the total acreage of the project area. Also included is the percentage of each category expressed as a percentage of the total project area.

Note: There are no "other deed restricted farmlands" in Gloucester County. All farmland has been preserved through the farmland preservation program.

"Open space compatible with agriculture" excludes any open space that has active recreational facilities on it, as this is an incompatible use with agriculture.

The "Density of the Project Area" is presented as the sum of the acreages of items (ii) through (vi), as compared to the total acreage of the project area.

These tables are presented in *Table 19. Project Area Analysis: Gloucester County*.

Table 19. Project Area Analysis: Gloucester County									
PROJECT AREA	ACRES	DENSITY R	PERCENT						
Chapel Heights Project Area	Acreage	Density Ratio		Density Ratio Perc		Percentage			
i. Targeted Farms	1.45	1.45 :	449.28	0.32%					
ii. Farms with Final Approval	-	- :	449.28	0%					
iii. Preserved Farmland	289.44	289.44 :	449.28	64.42%					
iv. Other Deed Restricted Farmland	-	- :	449.28	0%					
v. Farms Enrolled in 8 Year Program	-	- :	449.28	0%					
vi. Preserved Open Space Compatible with Agriculture	-	- :	449.28	0%					
Aggregate Size of Project Area	449.28								
Total Project Area Inventory: Items (i) through (vi)	290.90	290.90 :	449.28	64.75%					
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	289.44	289.44 :	449.28	64.42%					

Delaware River Project Area		Density Ratio		Percentage
i. Targeted Farms	1,454.16	1,454.16 :	4,746.91	30.63%
ii. Farms with Final Approval	87.49	87.49 :	4,746.91	1.84%
iii. Preserved Farmland	1,054.21	1,054.21 :	4,746.91	22.21%
iv. Other Deed Restricted Farmland	-	- :	4,746.91	0%
v. Farms Enrolled in 8 Year Program	-	- :	4,746.91	0%
vi. Preserved Open Space Compatible with Agriculture	175.29	175.29 :	4,746.91	3.69%
Aggregate Size of Project Area	4,746.91			
Total Project Area Inventory: Items (i) through (vi)	2,771.15	2,771.15 :	4,746.91	58.38%
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	1,316.99	1,316.99 :	4,746.91	27.74%

New Brooklyn Project Area		Density Ra	Percentage	
i. Targeted Farms	24.18	24.18 :	71.59	33.78%
ii. Farms with Final Approval	-	- :	71.59	0%
iii. Preserved Farmland	30.29	30.29 :	71.59	42.31%
iv. Other Deed Restricted Farmland	<u>-</u>	- :	71.59	0%
v. Farms Enrolled in 8 Year Program	-	- :	71.59	0%

Table 19. Project Area Analysis: Gloucester County								
PROJECT AREA	ACRES	DENSITY RA	PERCENT					
vi. Preserved Open Space Compatible with Agriculture	-	- :	71.59	0%				
Aggregate Size of Project Area	71.59							
Total Project Area Inventory: Items (i) through (vi)	54.47	54.47 :	71.59	76.09%				
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	30.29	30.29 :	71.59	42.31%				

Oldmans Creek Project Area		Density Ratio		Percentage
i. Targeted Farms	2,788.41	2,788.41 :	8,413.67	33.14%
ii. Farms with Final Approval	-	- :	8,413.67	0%
iii. Preserved Farmland	1,553.33	1,553.33 :	8,413.67	18.46%
iv. Other Deed Restricted Farmland	-	- :	8,413.67	0%
v. Farms Enrolled in 8 Year Program	48.49	48.49 :	8,413.67	0.58%
vi. Preserved Open Space Compatible with Agriculture	338.12	338.12 :	8,413.67	4.02%
Aggregate Size of Project Area	8,413.67			
Total Project Area Inventory: Items (i) through (vi)	4,728.35	4,728.35 :	8,413.67	56.20%
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	1,939.94	1,939.94 :	8,413.67	23.06%

Pinelands North Project Area	Acreage	Density Ratio		Percentage
i. Targeted Farms	859.44	859.44 :	2,598.07	33.08%
ii. Farms with Final Approval	-	- :	2,598.07	0%
iii. Preserved Farmland	183.17	183.17 :	2,598.07	7.05%
iv. Other Deed Restricted Farmland	-	- :	2,598.07	0%
v. Farms Enrolled in 8 Year Program	-	- :	2,598.07	0%
vi. Preserved Open Space Compatible with Agriculture	304.64	304.64 :	2,598.07	11.73%
Aggregate Size of Project Area	2,598.07			
Total Project Area Inventory: Items (i) through (vi)	1,347.25	1,347.25 :	2,598.07	51.86%
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	487.81	487.81 :	2,598.07	18.78%

Table 19. Project Area Analysis: Gloucester County				
PROJECT AREA	ACRES	DENSITY RATIO	PERCENT	
Pinelands South Project Area	Acreage	Density Ratio	Percentage	
i. Targeted Farms	3,406.20	3,406.20 : 23,554.94	14.46%	
ii. Farms with Final Approval	18.57	18.57 : 23,554.94	0.08%	
iii. Preserved Farmland	2,084.92	2,084.92 : 23,554.94	8.85%	
iv. Other Deed Restricted Farmland	-	- : 23,554.94	0%	
v. Farms Enrolled in 8 Year Program	8.61	8.61 : 23,554.94	0.04%	
vi. Preserved Open Space Compatible with Agriculture	2,453.39	2,453.39 : 23,554.94	10.42%	
Aggregate Size of Project Area	23,554.94			
Total Project Area Inventory: Items (i) through (vi)	7,971.69	7,971.69 : 23,554.94	33.84%	
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	4,565.49	4,565.49 : 23,554.94	19.38%	

Pitman Downer Project Area	Acreage	Density Ratio		Percentage	
i. Targeted Farms	120.78	120.78	:	502.15	24.05%
ii. Farms with Final Approval	-	-	:	502.15	0%
iii. Preserved Farmland	-	-	:	502.15	0%
iv. Other Deed Restricted Farmland	-	-	:	502.15	0%
v. Farms Enrolled in 8 Year Program	42.35	42.35	:	502.15	8.43%
vi. Preserved Open Space Compatible with Agriculture	-	-	:	502.15	0%
Aggregate Size of Project Area	502.15				
Total Project Area Inventory: Items (i) through (vi)	163.13	163.13	:	502.15	32.49%
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	42.35	42.35	:	502.15	8.43%

Raccoon Creek Project Area	Acreage	Density Ratio		Percentage	
i. Targeted Farms	4,066.05	4,066.05 :	19,874.32	20.46%	
ii. Farms with Final Approval	-	- :	19,874.32	0%	
iii. Preserved Farmland	5,142.76	5,142.76 :	19,874.32	25.88%	
iv. Other Deed Restricted Farmland	_	- :	19,874.32	0%	

Table 19. Project Area Analysis: Gloucester County					
PROJECT AREA	ACRES	DENSITY RATIO	PERCENT		
v. Farms Enrolled in 8 Year Program	46.48	46.48 : 19,874.32	0.23%		
vi. Preserved Open Space Compatible with Agriculture	127.90	127.90 : 19,874.32	0.64%		
Aggregate Size of Project Area	19,874.32				
Total Project Area Inventory: Items (i) through (vi)	9,383.19	9,383.19 : 19,874.32	47.21%		
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	5,317.14	5,317.14 : 19,874.32	26.75%		

Repaupo-Mantua Creek Project Area	Acreage	Density Ratio		Percentage
i. Targeted Farms	2,482.14	2,482.14 :	12,339.95	20.11%
ii. Farms with Final Approval	93.63	93.63 :	12,339.95	0.76%
iii. Preserved Farmland	2,282.12	2,282.12 :	12,339.95	18.49%
iv. Other Deed Restricted Farmland	-	- :	12,339.95	0%
v. Farms Enrolled in 8 Year Program	98.14	98.14 :	12,339.95	0.80%
vi. Preserved Open Space Compatible with Agriculture	486.59	486.59 :	12,339.95	3.94%
Aggregate Size of Project Area	12,339.95			
Total Project Area Inventory: Items (i) through (vi)	5,442.62	5,442.62 :	12,339.95	44.11%
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	2,960.48	2,960.48 :	12,339.95	23.99%

Still Run Creek Project Area	Acreage	Density Ratio		Percentage
i. Targeted Farms	4,008.30	4,008.30 :	17,337.72	23.12%
ii. Farms with Final Approval	46.15	46.15 <b>:</b>	17,337.72	0.27%
iii. Preserved Farmland	4,144.88	4,144.88 <b>:</b>	17,337.72	23.91%
iv. Other Deed Restricted Farmland	-	- :	17,337.72	0%
v. Farms Enrolled in 8 Year Program	-	- :	17,337.72	0%
vi. Preserved Open Space Compatible with Agriculture	96.70	96.70 :	17,337.72	0.56%
Aggregate Size of Project Area	17,337.72			
Total Project Area Inventory: Items (i) through (vi)	8,296.03	8,296.03 :	17,337.72	47.85%
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	4,287.73	4,287.73 :	17,337.72	24.73%

Table 19. Project Area Analysis: Gloucester County					
PROJECT AREA	ACRES	DENSITY RA	TIO	PERCENT	
Washington North Project Area	ea Acreage Density Ratio Pe				
i. Targeted Farms	15.71	15.71 :	32.32	48.61%	
ii. Farms with Final Approval	-	- :	32.32	0%	
iii. Preserved Farmland	12.26	12.26 :	32.32	37.93%	
iv. Other Deed Restricted Farmland	-	- :	32.32	0%	
v. Farms Enrolled in 8 Year Program	-	- :	32.32	0%	
vi. Preserved Open Space Compatible with Agriculture	-	- :	32.32	0%	
Aggregate Size of Project Area	32.32				
Total Project Area Inventory: Items (i) through (vi)	27.97	27.97 :	32.32	86.54%	
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	12.26	12.26 :	32.32	37.93%	

ALL PROJECT AREAS	Acreage	Density Ratio		Percentage
i. Targeted Farms	19,226.82	19,226.82 :	89,920.91	21.38%
ii. Farms with Final Approval	245.84	245.84 :	89,920.91	0.27%
iii. Preserved Farmland	16,777.38	16,777.38 :	89,920.91	18.66%
iv. Other Deed Restricted Farmland	-	- :	89,920.91	0%
v. Farms Enrolled in 8 Year Program	244.06	244.06 :	89,920.91	0.27%
vi. Preserved Open Space Compatible with Agriculture	3,982.64	3,982.64 :	89,920.91	4.43%
Aggregate Size of Project Area	89,920.91			
Total Project Area Inventory: Items (i) through (vi)	40,476.75	40,476.75 :	89,920.91	45.01%
(Selected) Density of the Project Area (without targeted farms): Items (ii) through (vi)	21,249.93	21,249.93 :	89,920.91	23.63%

# Minimum Eligibility Criteria

Minimum Eligibility Criteria are based upon the SADC's (*May 21, 2007*) rules for farmland preservation and project eligibility. In order to be eligible for preservation the site must be developable, have soils capable of supporting agricultural or horticultural production and meet minimum tillable land standards. (N.J.A.C. 2:76-6.20)

#### In summary:

#### For all lands less than or equal to 10 acres:

- The land must produce at least \$2,500 worth of agricultural or horticultural products annually; and
- At least 75% or a minimum of 5 acres of the land (whichever is less) must be tillable; and
- At least 75% or a minimum of 5 acres of the land (whichever is less) must be capable of supporting agriculture or horticulture; and
- The land in question must exhibit development potential as defined by the SADC (based upon zoning, ability to be subdivided, less than 80% wetlands, less than 80% slopes of 15%); or
- The land must be eligible for allocation of development credits pursuant to a Transfer of Development Credits (TDR) program.

#### For lands greater than 10 acres:

- At least 50% or a minimum of 25 acres of land (whichever is less) must be tillable; and
- At least 50% or a minimum of 25 acres of land (whichever is less) must have soils capable of supporting agriculture or horticulture; and
- The land in question must exhibit development potential as defined by the SADC; or
- The land must be eligible for allocation of development credits pursuant to a TDR program.

The minimum eligibility analysis involved a parcel-based screening of tax lot characteristics. Farmland preservation applications often include multiple lots; combining these lots may increases the acreage eligible for SADC cost share funding in Gloucester County. These Minimum Eligibility Standards must be met in order for the State to provide matching funds on a farmland preservation project. The County may proceed without State funding on projects that do not meet these Minimum Eligibility Standards.

For any application to qualify for state cost share the farm must: have at least one parcel listed on the targeted farm list; be comprised of an assemblage of substandard parcels which together meet SADC minimum standards; or have sufficient justification by the GCADB that the parcels were not identified as targeted due to a specific mapping issue or other error.

Within the identified project areas, Gloucester County has identified candidate farms (or "targeted farms" as referenced in the May 21, 2007 rules) that meet the tillable land and soils minimum eligibility standards. The following queries were made utilizing the ArcGIS 10.3 digital mapping software:

#### Farmland that meets the SADC Criteria for Agricultural Soils

Soil acreage was determined using the Soil Survey as prepared by the Natural Resource Conservation Service for prime farmland soils, soils of statewide importance and soils of unique importance. Farm parcels are sorted on size based upon the State Agriculture Development Committee (SADC) Minimum Eligibility Criteria for soils.

Farm Size	Requirements
0-6.667 acres	75% soils capable of supporting agricultural production
6.667-10 acres	5 acres of soils capable of supporting agricultural production
10-50 acres	50% soils capable of supporting agricultural production
50+ acres	25 acres of soils capable of supporting agricultural production

# Farmland that meets the SADC Criteria for Tillable Land

Tillable acreage was determined using the N.J. Department of Environmental Protection 2007 Land Use/Land Cover mapping for agricultural lands. Farm parcels were sorted on size based upon the State Agriculture Development Committee (SADC) Minimum Eligibility Criteria for tillable land.

Farm Size	<u>Requirements</u>
0-6.667 acres	75% tillable
6.667-10 acres	5 acres tillable
10-50 acres	50% tillable
50+ acres	25 tillable acres

#### Farmland that meets SADC Criteria for both Tillable Land and Soils

Utilizing the tillable acreage determined from the N.J. Department of Environmental Protection 2007 Land Use/Land Cover mapping for agricultural lands and soil acreage determined using the Soil Survey as prepared by the Natural Resource Conservation Service for prime farmland soils, soils of statewide importance and soils of unique importance, farm parcels were sorted on size based upon the State Agriculture Development Committee (SADC) Minimum Eligibility Criteria for tillable land and soils.

The Minimum Eligibility Criteria analysis for each project area is presented in Table 20. Minimum Eligibility Criteria Analysis: Gloucester County Project Areas and on Map 17. Farm Parcels that meet the SADC Minimum Eligibility Criteria for Agricultural Soil, Map 18. Farm Parcels that meet the SADC Minimum Eligibility Criteria for Tillable Land, Map 19. Farm Parcels that meet the SADC Minimum Eligibility Criteria for Agricultural Soils and Tillable Land, and Map 20. Targeted Farms. As stated earlier, for each category, the land area within each project area is expressed as a ratio between the total acreage for each category and the total acreage of the project area. Also included is the percentage of each category expressed as a percentage of the total Project Area.

Table 20. Minimum Eligibility Criteria Analysis: Gloucester County Project Areas							
PROJECT AREA	ACRES	DENSITY			PERCENT		
Chapel Heights Project Area	Acreage	Density Ratio			Percentage		
Aggregate Size of Project Area:	449.28						
i. Soil Acreage of Prime Farmland Soils	224.30	224.30	:	449.28	49.93%		
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	12.02	12.02	:	449.28	2.68%		
iii. Total Acreage of Unique Farmland Soils	-	-	:	449.28	0%		
Qfarm Parcel Analysis for Soils and Tillable Land							
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	1.45	1.45	:	449.28	0.32%		
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	1.45	1.45	:	449.28	0.32%		
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	1.45	1.45	:	449.28	0.32%		

Delaware River Project Area	Acreage	Density Ratio	Percentage
Aggregate Size of Project Area:	4,746.91		
i. Soil Acreage of Prime Farmland Soils	1,531.48	1,531.48 : 4,746.	91 32.26%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	1,139.26	1,139.26 : 4,746.	91 24.00%
iii. Total Acreage of Unique Farmland Soils	860.63	860.63 : 4,746.	91 18.13%
Qfarm Parcel Analysis for Soils and Tillable Land			
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	1,955.56	1,955.56 : 4,746.	91 41.20%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	1,520.52	1,520.52 : 4,746.	91 32.03%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	1,454.16	1,454.16 : 4,746.	91 30.63%

New Brooklyn Project Area	Acreage	Density Ratio			Percentage
Aggregate Size of Project Area:	71.59				
i. Soil Acreage of Prime Farmland Soils	35.43	35.43	:	71.59	49.48%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	6.94	6.94	:	71.59	9.69%
iii. Total Acreage of Unique Farmland Soils	29.23	29.23	:	71.59	40.83%

Table 20. Minimum Eligibility Criteria Analysis: Gloucester County Project Areas							
PROJECT AREA ACRES DENSITY PERCENT							
Qfarm Parcel Analysis for Soils and Tillable Land							
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	24.18	24.18	:	71.59	33.77%		
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	24.18	24.18	:	71.59	33.77%		
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	24.18	24.18	:	71.59	33.77%		

Oldmans Creek Project Area	Acreage	Density Ratio	Percentage
Aggregate Size of Project Area:	8,413.67		
i. Soil Acreage of Prime Farmland Soils	4,219.84	4,219.84 : 8,41	3.67 50.15%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	1,636.09	1,636.09 : 8,41	3.67 19.45%
iii. Total Acreage of Unique Farmland Soils	291.09	291.09 : 8,41	3.67 3.46%
Qfarm Parcel Analysis for Soils and Tillable Land			
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	3,164.46	3,164.46 : 8,41	3.67 37.61%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	2,758.36	2,758.36 : 8,41	3.67 32.78%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	2,788.41	2,788.41 : 8,41	3.67 33.14%

Pinelands North Project Area	Acreage	Density Ratio		Percentage	
Aggregate Size of Project Area:	2,598.07				
i. Soil Acreage of Prime Farmland Soils	2,053.75	2,053.75	:	2,598.07	79.05%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	145.66	145.66	:	2,598.07	5.61%
iii. Total Acreage of Unique Farmland Soils	261.30	261.30	:	2,598.07	10.06%
Qfarm Parcel Analysis for Soils and Tillable Land					
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	1,216.32	1,216.32	:	2,598.07	46.82%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	859.44	859.44	:	2,598.07	33.08%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	859.44	859.44	:	2,598.07	33.08%

PROJECT AREA	ACRES	DENSITY Density Ratio			PERCENT
Pinelands South Project Area	Acreage				Percentage
Aggregate Size of Project Area:	23,554.94				
i. Soil Acreage of Prime Farmland Soils	10,385.80	10,385.80	:	23,554.94	44.09%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	5,008.63	5,008.63	:	23,554.94	21.26%
iii. Total Acreage of Unique Farmland Soils	5,612.27	5,612.27	:	23,554.94	23.83%
Qfarm Parcel Analysis for Soils and Tillable Land					
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	9,224.13	9,224.13	:	23,554.94	39.16%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	3,195.18	3,195.18	:	23,554.94	13.56%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	3,406.20	3,406.20	:	23,554.94	14.46%

Pitman Downer Project Area	Acreage	Density Ratio		Percentage	
Aggregate Size of Project Area:	502.15				
i. Soil Acreage of Prime Farmland Soils	446.55	446.55	:	502.15	88.93%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	28.00	28.00	:	502.15	5.58%
iii. Total Acreage of Unique Farmland Soils	26.92	26.92	:	502.15	5.36%
Qfarm Parcel Analysis for Soils and Tillable Land					
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	168.51	168.51	:	502.15	33.56%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	120.78	120.78	:	502.15	24.05%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	120.78	120.78	:	502.15	24.05%

Raccoon Creek Project Area	Acreage	Densi	Percentage	
Aggregate Size of Project Area:	19,874.32			
i. Soil Acreage of Prime Farmland Soils	9,593.00	9,593.00	: 19,874.32	48.27%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	5,445.00	5,445.00	: 19,874.32	27.40%
iii. Total Acreage of Unique Farmland Soils	75.38	75.38	: 19,874.32	0.38%

Table 20. Minimum Eligibility Criteria Analysis: Gloucester County Project Areas						
PROJECT AREA ACRES DENSITY PE						
Qfarm Parcel Analysis for Soils and Tillable Land						
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	5,181.07	5,181.07 : 19,874.32	26.07%			
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	4,059.35	4,059.35 : 19,874.32	20.43%			
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	4,066.05	4,066.05 : 19,874.32	20.46%			

Repaupo-Mantua Creek Project Area		Density Ratio	Percentage
Aggregate Size of Project Area:	12,339.95		
i. Soil Acreage of Prime Farmland Soils	6,108.31	6,108.31 : 12,339.95	49.50%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	2,320.77	2,320.77 : 12,339.95	18.81%
iii. Total Acreage of Unique Farmland Soils	270.71	270.71 : 12,339.95	2.19%
Qfarm Parcel Analysis for Soils and Tillable Land			
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	3,798.19	3,798.19 : 12,339.95	30.78%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	2,600.64	2,600.64 : 12,339.95	21.07%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	2,482.14	2,482.14 : 12,339.95	20.11%

Still Run Project Area	Acreage	Density Ratio	Percentage
Aggregate Size of Project Area:	17,337.72		
i. Soil Acreage of Prime Farmland Soils	7,490.04	7,490.04 : 17,337.72	43.20%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	4,517.72	4,517.72 : 17,337.72	26.06%
iii. Total Acreage of Unique Farmland Soils	2,364.36	2,364.36 : 17,337.72	13.64%
Qfarm Parcel Analysis for Soils and Tillable Land			
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	5,844.82	5,844.82 : 17,337.72	33.71%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	3,962.40	3,962.40 : 17,337.72	22.85%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	4,008.30	4,008.30 : 17,337.72	23.12%

Table 20. Minimum Eligibility Criteria Analysis: Gloucester County Project Areas					
PROJECT AREA	ACRES		DENSI	ΤΥ	PERCENT
Washington North Project Area	Acreage	e Density Ratio Percei			Percentage
Aggregate Size of Project Area:	32.32				
i. Soil Acreage of Prime Farmland Soils	18.68	18.68	:	32.32	57.79%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	7.24	7.24	:	32.32	22.40%
iii. Total Acreage of Unique Farmland Soils	-	- : 32.32 09		0%	
Qfarm Parcel Analysis for Soils and Tillable Land					
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	15.71	15.71	:	32.32	48.61%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	15.71	15.71	:	32.32	48.61%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	15.71	15.71	:	32.32	48.61%

ALL PROJECT AREAS: SUMMARY	Acreage	Densi	ity Ratio	Percentage
Aggregate Size of Project Area:	89,920.91			
i. Soil Acreage of Prime Farmland Soils	42,107.19	42,107.19	: 89,920.91	46.83%
ii. Total Acreage of Prime Farmland Soils of Statewide Importance	20,267.33	20,267.33	: 89,920.91	22.54%
iii. Total Acreage of Unique Farmland Soils	9,791.88	9,791.88	: 89,920.91	10.89%
Qfarm Parcel Analysis for Soils and Tillable Land				
i. Qfarm Parcels meeting SADC Criteria for Agricultural Soils	30,594.39	30,594.39	: 89,920.91	34.02%
ii. Qfarm Parcels meeting SADC Criteria for Tillable Lands	19,118.01	19,118.01	: 89,920.91	21.26%
iii. Qfarm Parcels meeting SADC Criteria: Soils and Tillable Land	19,226.82	19,226.82	: 89,920.91	21.38%

Within the Project Areas, there are a total of **19,227 acres** of farm assessed land (QFarm Parcels) that meet both the Minimum Eligibility Criteria for soils and tillable land. These are the targeted farms in Gloucester County. A complete list of these farms is included within *Appendix D. Farm Parcels Meeting the SADC Minimum Eligibility Criteria for Soils and Tillable Land: Targeted Farms.* Unpreserved farmland in each of the Project Areas is listed in *Appendix E. Unpreserved Farmland in Gloucester County.* 

There are **63,671 acres** of farm assessed land in Gloucester County, 48,658 acres of farm assessed property is located within the County's Project Areas. The *2012 Census of Agriculture* identifies **43,265 acres** of land in farms in Gloucester County, of which **27,333 acres** meet both the soils and tillable land Minimum Eligibility Criteria for farmland preservation. Thus, 63% of the existing farmland in Gloucester County, as identified by the *2012 Census of Agriculture*, meets both the soils and tillable land Minimum Eligibility Criteria as defined by the SADC.

## **County Ranking Criteria**

The Gloucester CADB continues to calculate the rank of each farm based upon the State's ranking criteria. The GCADB supplements this ranking with an on-site visit for each applicant. Determination whether an application will be submitted to the County PIG program, to other SADC programs or through independent preservation strategies without state cost share, is made on an application by application basis as to which program is most suited for that project.

# **County Policies Related to Farmland Preservation Applications**

The Gloucester CADB follows the SADC's policies regarding housing opportunities, division of premises and exception areas; there have been no changes to these policies since the 2008 Comprehensive Farmland Preservation Plan. Below is a brief summary of the state policies for each of these issues:

# Approval of Housing Opportunities

Agricultural labor housing: Agricultural labor housing is not currently a protected land use in the State of New Jersey under the Right to Farm Act. However, the State Agriculture Development Committee understands the need for this type of housing and does have a policy that a landowner may refer to in order to construct labor housing. These applications are reviewed by the CADB and State Agriculture Development Committee.

House replacement: The policy of the State Agriculture Development Committee on house replacement is that requests for replacement of a residence on permanently preserved land must be reviewed and approved on an individual basis by the CADB and the SADC, in order to minimize the impact on the agricultural operation.

Residual dwelling site opportunity allocation: Residual Dwelling Site Opportunities (RDSOs) are lingering potential housing prospects located within a deed-restricted farm. By designating an area as an RDSO, the landowner is implying that the land will be used

for a residential unit or other structure as referred to in N.J.A.C. 2:76-6.17. These prospective residential units can be allocated to parcels that are at least 100 acres in size, but at a density not to exceed one residential unit per 100 acres. (This density calculation includes existing and proposed residential buildings.) As noted in the SADC Appraiser Handbook, the purpose of the building must be for "single-family residential housing and its appurtenant uses." (SADC Appraiser Handbook 2007)<sup>33</sup> To qualify as an RDSO, the SADC requires that the use of the residential unit be for agricultural purposes and "at least one person residing in the residential unit shall be regularly engaged in common farm site practices."

#### Division of the Premises

The goal of the State Agriculture Development Committee is to preserve large tracts of farmland and, therefore, a division of the premises is not an encouraged practice; however when division occurs it must be for agricultural purposes and must result in agriculturally viable land parcels. A landowner wishing to divide permanently preserved farmland must submit a written request. The application must be approved, in writing, by both the State Agriculture Development Committee and the CADB.

#### Approval of Exception

Exceptions are defined by the SADC as "acres within a farm being preserved" which are "not subject to the terms of the deed of easement." When an exception is made, the landowner does not receive any compensation in the excepted area. Exceptions are not a practice that is encouraged by the SADC and, when they occur, it is recommended that they should be as small as possible. There are two types of exceptions that can occur; severable and non-severable.

Severable: A severable exception is defined by the SADC as an "area which is part of an existing Block and Lot owned by the applicant which will be excluded from the restrictions of the Deed of Easement and may be sold as a separate lot in the future." (SADC Appraiser Handbook 2007) A severable exception is made "if a landowner wants to be able to sell the excepted area separate from the deed-restricted farm."

Non-severable: Non-severable exceptions are defined by the SADC as "area which is part of an existing Block and Lot owned by the application that will not be subject to the restrictions of the Deed of Easement but cannot be sold separately from the remaining premises." (SADC Appraiser Handbook 2007) Unlike a severable exception, a non-severable exception is "always attached to the protected farm."

Exceptions made to farmland have the potential to impact the value of the property. When an appraisal occurs, both severable and non-severable exceptions are considered in the determination of the restricted/ after value of the property. The Gloucester CADB and staff at the Department of Land Preservation speak with every landowner applying to the farmland preservation program to encourage the inclusion of exception areas in a farmland application. The consequences for the landowner if there are no exception areas are reviewed in depth. If the landowner agrees to the establishment of an exception area, the staff and CADB advise the applicant as to the location and type of exception area taken.

## **Funding Plan**

#### Description of County Funding Sources

The Gloucester County Farmland and Open Space Preservation Fund was first established in 1993 as a one-cent tax levy, passed by a 69% majority. In 2000 an additional one-cent levy was approved by a 67% majority, bringing the total tax to two cents. The most recent levy, authorizing an additional two cents was approved in 2004 by a 61% majority. Farmland preservation does consume the majority of these funds, as there are generally more farmland preservation projects than open space preservation projects in Gloucester County. All administrative costs are deducted directly from the fund.

Additionally, three bonds have been passed by the Gloucester County Board of Freeholders authorizing the issuance of \$27 million dollars for farmland and open space preservation activities; \$1 million in 1994, \$10 million in 2002 and \$16 million in 2005. In 2008, the Board of Freeholders has proposed to authorize the issuance of another \$16 million dollars for farmland and open space preservation.

The County has available \$10,298,559 in funding for preservation through the County Open Space Trust Fund for the current fiscal year.

## Financial Policies Related to Cost-share Requirements

## Municipal

County Preservation Programs: Municipal contributions are not required in the County Easement Purchase or County PIG programs.

Municipal Planning Incentive Grant Programs: Farms preserved through the municipal PIG need to be approved by the CADB only when there is a county cost share. Traditionally, the SADC will fund 60% of the development easement purchase through the municipal PIG program, and the CADB and municipality split the remaining cost share equally, based upon the Certified Market Value. If necessary the CADB will fund up to 25% of the development easement purchase price.

#### **Donation and Bargain Sales/Installment Purchases**

The GCADB is supportive of donation/bargain sales and has not preserved farms using an installment purchase. Both of these tools serve to leverage limited funding resources and are described below:

Donation and Bargain Sale: This mechanism for preserving a farm involves a donation by the landowner. If the landowner donates a portion of the value of the development rights when an easement is sold, this is called a bargain sale. A bargain sale can result in substantial tax savings for the landowner and can stretch County farmland preservation funds. The landowner donation is a reduction in the amount of gain that is subject to the

capital gains tax, and the landowner can take a tax deduction for the amount donated against his or her federal and state income taxes.

Installment Purchase: Through an installment purchase agreement, development rights may be acquired by the Gloucester CADB through a payment plan that provides payments to the landowner over time. Receiving the income from the sale in installments may provide the landowner with financial management and/or tax advantages. Currently the Gloucester CADB has not used installment purchase agreements.

#### Cost Projections and Funding Plan Associated with Preservation Goals

Gloucester County is strongly committed to farmland preservation. The Board of Chosen Freeholders has allocated funding to purchase the development easements on farms that have not been ranked high enough by the state to qualify for state cost-share funding. Forty-percent of the total County expenditures have been spent on "county buys", where the County is the sole purchaser of development rights. The County does anticipate this may continue into the future, although it remains fully supportive of leveraging its funding with the state on farmland projects. Typically, when the state is a partner, the County 40% of the cost of an easement with the State paying the remaining share.

For the 10-year financial analysis, six assumptions were made regarding the growth of the County's Open Space Tax Levy, the rate of increase in land value and the cost-share between GCADB and the SADC. These are described below:

- 1. Assume 2% funding growth for Gloucester County Open Space tax levy for years one through five, and then 4% growth for the second five years. Ratables in Gloucester County have gone down the past three years and 2014 is the first year that the ratable will stabilize and will not have a loss.
- 2. Assume 3% annual increase in the average cost per acre of purchasing an easement for years one through rive and 4% for the second five years. The County anticipates the market will stabilize and grow over the next ten years.
- 3. Assume County funding is reduced 15% for administrative costs and transactional due diligence expenses.
- 4. Assume County funding is reduced 35% for prior obligations (bond repayment).
- 5. Assume County funding is used to pay 100% of the cost of purchasing 100 acres of farmland each year.
- 6. Assume the County cost share is around 40%, consistent with the last six years, since 2008.

Table 21. Ten-Year Financial Analysis: Gloucester County details the ten-year financial analysis for the Gloucester County farmland preservation program. If the market continues as anticipated and funding is allocated as estimated, the County plans to preserve an additional 8,000 acres over the next ten years.

	Table 21. Ten-Year Financial Analysis: Gloucester County							
Year	Annual Funding Available	Annual Funding Available Less Administrative Costs	Annual Funding Available Less Bond Repayment and 100 acre County Direct Purchase	Average Cost per Acre	Acres Preserved at 40% County Cost Share	40% County Cost Share	60% State Cost Share	Total Project Cost
1	\$10,298,559	\$8,753,775.15	\$3,949,279.50	\$12,000.00	822.77	\$3,949,279.50	\$5,923,919.25	\$ 9,873,198.75
2	\$10,504,530.18	\$8,928,850.65	\$4,016,265.09	\$12,360.00	812.35	\$4,016,265.09	\$6,024,397.64	\$10,040,662.73
3	\$10,714,620.78	\$9,107,427.67	\$4,084,230.39	\$12,730.80	802.04	\$4,084,230.39	\$6,126,345.59	\$ 10,210,575.98
4	\$10,928,913.20	\$9,289,576.22	\$4,153,184.20	\$13,112.72	791.82	\$4,153,184.20	\$6,229,776.30	\$ 10,382,960.50
5	\$11,147,491.46	\$9,475,367.74	\$4,223,135.16	\$13,506.11	781.71	\$4,223,135.16	\$6,334,702.74	\$ 10,557,837.90
6	\$11,593,391.12	\$9,854,382.45	\$4,392,060.57	\$14,046.35	781.71	\$4,392,060.57	\$6,588,090.85	\$ 10,980,151.42
7	\$12,057,126.77	\$10,248,557.75	\$4,567,742.99	\$14,608.20	781.71	\$4,567,742.99	\$6,851,614.48	\$ 11,419,357.47
8	\$12,539,411.84	\$10,658,500.06	\$4,750,452.71	\$15,192.53	781.71	\$4,750,452.71	\$7,125,679.06	\$ 11,876,131.77
9	\$13,040,988.31	\$11,084,840.06	\$4,940,470.82	\$15,800.23	781.71	\$4,940,470.82	\$7,410,706.22	\$ 12,351,177.04
10	\$13,562,627.84	\$11,528,233.67	\$5,138,089.65	\$16,432.24	781.71	\$5,138,089.65	\$7,707,134.47	\$ 12,845,224.12
				Total Acres:	7,919.23	\$44,214,911.07	\$66,322,366.60	\$110,537,277.67

# **Farmland Preservation Program Administrative Resources**

## Staff Resources

Gloucester County has an Office of Land Preservation that is directed by Ken Atkinson and supported by staff members. The Land Preservation Office acts as staff to the County Agriculture Development Board (CADB), who has regulatory oversight for the County Farmland Preservation Program and also hears County Right-to-Farms cases.

# Legal Support

Legal support for the County's farmland preservation program is provided by Gloucester County Office of Land Preservation Solicitor.

## Database Development and Geographical Information System Resources

The Gloucester County Office of Land Preservation tracks all farmland preservation projects, including their applications and status. The Office of Information Technology houses the Geographic Information System mapping and staff for the County.

# Factors Limiting Farmland Preservation Implementation

#### **Funding**

Funding is a critical limiting factor for Gloucester County's farmland preservation program. The high rate of farmland preservation in Gloucester County can be attributed to the strong support of the Board of Chosen Freeholders and local residents. Ballot measures have passed consistently and with a clear mandate from the voters to allow officials to purchase and preserve land for conservation. As the land values rise, the ability of Gloucester to leverage their resources to purchase land will become increasingly limited. Funding from the state is critical to the integrity of the municipal and the County PIG. Due to the uncertainty in state funding for preservation, Gloucester County's program faces financial challenges as it now moves forward purchasing and preserving land during the next ten years.

## **Projected Land Values**

Landowner interest remains high as applications continue to be submitted to the CADB for their review. Gloucester County prides itself on educating landowners and local residents about the farmland preservation program, thus ensuring its popularity, support and success. However, as the County grows and develops, the value of the land continues to rise. There is variability in the cost of an easement in the County, but the overall trend is for increases, annually, for agricultural easements. Gloucester CADB supports innovative acquisition methods, including the use of installment purchases and bargain sales, if agreed to by the landowner. Conservation projects in partnership with local nonprofit organizations and municipalities will also help to meet this growing challenge.

## Water: Quality and Quantity

Gloucester County finds itself in the unique position of being located above one of the most productive groundwater aquifers that at the same time, due to its land base, is susceptible to groundwater runoff and pollution. As the County develops, there are competing demands for water and water allocation permits and usage is a growing crisis for water usage between residential/commercial areas and farmers for irrigation and crop management. The Gloucester County CADB and Board of Agriculture are continuing to work with the NJDEP to meet the needs of their agricultural community and the participation of the SADC is crucial to this process to ensure preserved farmland receive adequate water allocation.

#### Competition for Land

Gloucester County is located ten miles from metropolitan Philadelphia and an easy ride to both the shore and Atlantic City. It is accessible to major transportation corridors and is a destination for families working and commuting to the employment centers both inside and outside of the County. As communities grow, competition for the available land base is keen, and farmers are faced with peaking land values that may pressure them to sell or subdivide their land to help support their agricultural operations. Development pressure may be the single largest threat to the agricultural economy and integrity of Gloucester County. The farmland preservation program and proactive planning efforts are the crucial link in ensuring the permanence and success of farming in Gloucester County.

# **CHAPTER 6: ECONOMIC DEVELOPMENT**



Gloucester County is a leader in the State of New Jersey in agricultural production. Nursery and greenhouse products, vegetables and fruits form the economic base of the farming industry in the County. Building upon this are the ancillary businesses and infrastructure that support the County's farmers. Throughout the state, the marketing and profitability of the agricultural industry has gained renewed focus. The farmland preservation program is a critical component of the farming industry and the success of the farmland preservation program in Gloucester County is measured not just by acres preserved but also by the programs put in place to support the farmers and their businesses. The County's agricultural community and its supporting groups and agencies understand that a farmland preservation program constitutes much more than the act of preserving land. In order to be a full partner in a successful farmland preservation program, agriculture as an industry must be vibrant, self sustaining and innovative.

The Gloucester County Agriculture Development Board (CADB) and its Office of Land Preservation (OLP) are directly and administratively involved with the preservation and enhancement of farming in the County. This involvement is focused not solely on acquisition but also on monitoring farms, assisting with Right to Farm disputes, working with municipalities to create farm-friendly atmospheres where possible, and coordinating with state, County, and other organizations to maximize the agricultural potential of the County, including an awareness of the need to support agriculture from an economic development perspective. To that end, the CADB and OLP have reviewed recent requirements and strategies set forth by the New Jersey Department of Agriculture related to economic development. *Chapter 6* assesses how those strategies can be applied to the agricultural industry in Gloucester County and how coordination with other state and County level planning tools and organizations can strengthen the business of agriculture in the County.<sup>34</sup>

# N.J. Department of Agriculture Economic Development Strategies

At the state level, New Jersey offers Gloucester County farmers a number of support services and programs ranging from technical advice to farm loans. One of these is the New Jersey Department of Agriculture (NJDA) Smart Growth Toolkit, which provides information to support municipal governments, businesses, nonprofit groups, and local citizens in their efforts to achieve the goals and objectives outlined in the NJDA Agricultural Smart Growth Plan for New Jersey, 2006. The Tool Kit embraces the five components that have been identified by the NJDA as critical for the future of farming: Farmland Preservation, Innovative Conservation Planning (for Agricultural Land Use),

Economic Development, Agriculture Industry Sustainability, and Natural Resource Conservation. (Agricultural Smart Growth Tool Kit)<sup>35</sup>

As part of this emphasis on the business of agriculture, the NJDA issued its 2011 Economic Development Strategies, which identify and propose methods to expand and enhance various subsets of the agriculture industry in New Jersey, including produce, horticulture, aquaculture and seafood, dairy, field and forage crops, livestock and poultry, organic, equine, wine, and agritourism. The NJDA observes that "local access to large, affluent markets has long been an advantage for the marketing of [those] products. While our markets are still there, competition has become tougher. New Jersey...must continually work to rediscover its competitive advantages, improving access to nearby markets and strengthening consumer loyalty." (NJDA 2011 Economic Development Strategies)<sup>36</sup>

## Economic Snapshot of Gloucester County Farming

As stated in *Chapter 2*, 47 of the County's 584 farms had sales of more than \$500,000, accounting for more than 80% of total agricultural sales in 2012, with another 54 farms reporting \$100,000 to \$500,000 in sales, representing another 14.6% of total sales. This leaves close to 85% of farms accounting for less than 5% of sales.

From a profitability standpoint, approximately 39% of County farms realized net gains, slightly higher than the statewide percentage of 38%, and the \$143,247 average dollar amount for farms with gains was significantly higher than the statewide average of \$96,373. For County farms reporting net losses, the \$18,175 average lost per farm was significantly lower than the statewide average net loss of \$26,895. Overall, the County's average net income per farm of \$44,086 tracks well above the State average of \$19,539. Compared to 2002, the number of County farms with net gains has increased by 26% and those with net losses have decreased by 30%; however, a higher percentage of farms were profitable in 1992 (52%) than in either 2002 (26%) or 2012 (39%). (*Table 22. Gloucester County Agriculture – Economic Overview*) (*Census of Agriculture*)

Table 22. Gloucester County Agriculture – Economic Overview					
			% Change		% Change
	2012	2002	to 2012	1992	to 2012
Market Value/Products Sold (\$1,000)	\$87,690	\$66,009	33%	\$54,575	61%
Avg/Farm (\$)	\$150,154	\$95,389	57%	\$77,521	94%
Production Expenses (\$1,000)	\$65,416	\$55,765	17%	\$43,140	52%
Avg/Farm (\$)	\$112,014	\$80,702	39%	\$61,191	83%
Net Income (\$1,000)	\$25,746	\$10,348	149%	\$10,494	145%
Avg/Farm (\$)	\$44,086	\$14,975	194%	\$14,886	196%
Farms w/Net Gains	225	178	26%	368	-39%
Avg/Farm (\$)	\$143,247	\$93,616	53%	\$34,899	310%
% of All of Farms	39%	26%		52%	

Table 22. Gloucester County Agriculture – Economic Overview					
	2012	2002	% Change to 2012	1992	% Change to 2012
Farms w/Net Losses	359	513	-30%	337	7%
Avg/Farm (\$)	\$18,175	\$12,311	48%	\$6,968	161%
% of All Farms	61%	74%		48%	
Total Acres	43,265	50,753	-15%	61,748	-30%
All Farms	584	692	-16%	704	-17%
Avg Acres/Farm	74	73	1%	88	-16%
Source: Census of Agriculture					

It is clear that some farm operators in the County have found paths to profitability. However, with 61% of the farms reporting net losses, it is important that the County's focus remains on ways to help farmers increase their profitability and coordinate with federal and state agencies, as well as other organizations, both in the public and private sector, to find solutions.

A look at market sectors in Gloucester County shows that crop sales rose steadily from \$42.3 million 1987 to \$88 million in 2007, then fell slightly to \$82.3 million in 2012. During the same period, livestock sales rose to a high in 2007, reaching \$5.8 million, before falling to \$5.4 million in 2012 (see *Figure 10. 2012 Gloucester County Sales by Farm*). Within the crop sector, nursery/greenhouse was the largest sub-sector in 2012, with 42% of market share, for the first time surpassing vegetables, which had a market share of 36%. Fruit and grain sub sectors each accounted for 10%, and hay and other crops for only 1%.

Major efforts by the NJDA are directed at increasing the demand for New Jersey grown produce through branding, agritourism, farm direct sales programs, and farm markets. The NJDA 2011 Economic Development Strategies include all of these activities. (Economic Development Strategies) NJDA is committed to promoting agritourism through the Jersey Fresh website, the distribution of printed materials, and other forms of advertisement and promotion, including collaboration with Rutgers, through the New Jersey Agricultural Experiment Station, and promotion of the work of other organizations such as the New Jersey Farmers' Direct Marketing Association. Gloucester County farms with appropriate activities, as well as roadside stands and pick-your-own farms, benefit from such promotion. Using recommendations outlined in the 2011 Economic Development Strategies report, Gloucester County can investigate ways to expand and/or diversify into more profitable sectors and continue to direct County programs to ensure sustainable agriculture practices and profitability.

The following is a brief discussion of each of the sectors of Gloucester County's agriculture industry as they relate to the 2011 Economics Development Strategies report. For each of the sectors, the 2011 report encourages Gloucester County farmers to continually seek new local, state and interstate markets to strengthen market share.

#### **Produce**

The NJDA 2011 Economic Development Strategies for produce focused on the Jersey Fresh Program and food safety. A new focus of the Jersey Fresh program was to work with processors to develop and market products labeled with a new "Made with Jersey Fresh" brand. NJDA's Jersey Fresh labels program was to be updated and promoted throughout the state. The Department continued to grow the Jersey Fresh Hospitality Industry Program. The program works closely with the industry to market Jersey Fresh produce to the hotel, restaurant, educational, and institutional food service industries. In addition, the NJDA planned to strengthen the appeal of the Jersey Fresh brand to supermarket chains and other retailers, increase the use of the Jersey Fresh brand name and discourage the use of the "Locally Grown" product claim. The Department also planned to continue to promote New Jersey grown organic products as distinct from, and of higher value than, competing products by establishing the Jersey Organic brand. (Economic Development Strategies)

Vegetable and fruit crops are a leading agricultural commodity in New Jersey, representing 15% of all agricultural sales based on the 2012 Census of Agriculture. In 2012, vegetable growers on 91 Gloucester County farms harvested 7,070 acres, with resulting sales of \$29.8 million. Fruit, nut tree and berry combined sales were not disclosed in 2012, but there were 47 farms with sales versus 58 in 2007. Combined sales in 2007 totaled \$13.4 million while fruit and tree nut sales in 2012 totaled \$8.3 million. In 2012, Gloucester County ranked third statewide for vegetables and fourth for fruits, tree nuts and berries. When, combined, the two sectors represented 56% of total agricultural sales in the County in 2007, versus 33% statewide. Gloucester County is one of the leading producers in the state for peaches (#1), apples, asparagus and peppers. Produce is clearly a major sector in the County and one whose viability should continue to be supported. Some of these crops do not require as much land as field and forage crops such as soybeans and hay, making them a positive match with the trend toward smaller farms, especially those that follow organic or sustainable practices. However, these crops also have higher input costs than crops such as hay and in that respect can benefit from economies of scale. The County can continue to strengthen and expand the produce sector of the agricultural economy as opportunities arise.

In Gloucester County, many produce growers either market their products at their own roadside stands or at farmers' markets in other counties and in Pennsylvania (there are no community farmers' markets in Gloucester. The largest growers send most or all of their produce to processing plants. Many farmers with roadside stands or markets have their own websites and also gain visibility through listings on websites. Available websites include:

- NJDA Find *Jersey Fresh* website listings (*NJDA*)<sup>38</sup> include 31 roadside markets, 9 of which have pick-your-own crops, such as peaches, apples and strawberries. Two additional pick-your-own farms offer no roadside market, but one offers hay rides, a corn maze and nighttime bonfires in fall.
- With apples a popular crop and apple picking a popular fall activity, the NJDA's *Jersey Fresh* website has a separate feature called "Where to Find New Jersey

- Apples," which lists 17 roadside markets in Gloucester County, of which 7 are pick-your-own operations. (NJDA).
- Rutgers New Jersey Agricultural Experiment Station Cooperative Extension (RNJAESCE) in Gloucester County created a "Guide to Gloucester County Farm Products," which lists many farm markets; community supported agriculture markets, pick your own operations, and agritourism farms. The guide is available only on-line. Additional information for the public to visit farms can be found at http://VisitNJFarms.org
- RNJAESCE also created an educational website dedicated to agritourism for the public, government officials, farmers and educators http://njsustainingfarms.rutgers.edu/agritourism.html?chocaid=397. A training website was also developed by the Rutgers Agritourism Team for farmers and can be found at http://agritourism.rutgers.edu/training
- The Visitors section of the Gloucester County website includes a link to Find Our Farms website and a link to a Gloucester County Travel Guide, which includes six farm or farm market listings on the Equine & Agritourism page. (Gloucester County website)<sup>39</sup>
- Other resources that list direct marketing opportunities for produce in Gloucester County include VisitNJFarms.org, NJ Farmers' Direct Marketing Association (http://www.njfarmmarkets.org/), Northeast Organic Farmers Association-New Jersey (nofanj.org), LocalHarvest.org, and EdibleJersey.com (pick-your-own listings).

As a model of value-added diversification and innovation, one fruit farm in Elk Township offers pick-your-own opportunities for fruits such as strawberries and cherries, and three types of wine grapes in the fall; markets their own fruits, tomatoes, pumpkins and honey, cider, molasses and maple syrup from their on-farm roadside stands; and sells their products at eight farmers' markets in New Jersey and Pennsylvania.

As of 2013, one restaurant in Gloucester County (out of 18 from around the state), was listed on the Rutgers Jersey Fresh Information Exchange website as using *Jersey Fresh* local produce. (NJDA) Shop-Rite, which has six stores in Gloucester County, sells select *Jersey Fresh* produce such as apples, lettuce, asparagus, peaches, tomatoes and blueberries. In July 2014, the chain promoted *Jersey Fresh* peaches and tomatoes, by labeling signage with the names of specific farms producing the products. Signs included language like, "Our farmers are bringing in the finest, freshest produce" and "Grown Fresh. Grown Locally. Grown for ShopRite."

Strategies to promote Gloucester County produce, increase marketing opportunities, and encourage farmers include:

- Through websites and press releases, expand promotion of existing farm/roadside stands and pick-your-own operations,
- Through CADB and RNJAESCE communications, encourage farmers to promote their farmstands, farm markets, CSAs, participation in community farmers markets, pick-your-own operations, and other offerings through their own

- websites, social media sites, and state and organization websites such as those mentioned above, and remind farmers to keep their listings up to date;
- Coordinate between state, County and regional/association websites and literature to achieve consistency, inclusiveness and up-to-date, accurate information;
- The CADB, the RNJAESCE and the County Department of Economic Development can work with municipalities in the County to establish/re-establish community farmers markets; there are 15 communities that are working toward Sustainable Jersey certification, including Swedesboro, Newfield, Paulsboro and other more built-up areas; and Glassboro is bronze certified; any of these communities can get Sustainable Jersey credit for operating farmers' markets in their communities or in concert with other communities; in addition, they can get credit for Buy Fresh, Buy Local programs that actively promote businesses that sell locally grown food or use it in their restaurants.
- Ensure that residents in more developed areas of the County and the region are aware of the farming community, its products and benefits, through publicity and product offerings on a regular basis at community events such as farmers markets, street fairs, festivals and other public events, with the goal of getting consumers to depend on and value Gloucester County agricultural products and, thus, support its farmers and farming initiatives;
- Explore expansion/diversification into value-added produce products, in concert with the NJDA and Rutgers, and provide information to farmers through workshops and direct communications;
- Encourage farmers to explore diversifying into produce crops that serve the needs of growing ethnic populations in the region, and in concert with the state and Rutgers, inform farmers about these crops through the Internet, workshops, and/or direct communications (see RNJAES publication "Growing Ethnic Vegetables in the Garden State<sup>41</sup>);
- Communicate to farmers the availability of state promotional campaigns, free signage, and other signage opportunities;
- Encourage more participation in the *Jersey Fresh Hospitality Program* from County restaurants, hotels and specialty, and institutional food services such as schools and hospitals, and help County farmers connect with these outlets;
- Encourage more grocery stores to follow Shop-Rite's model of offering local produce in its stores;
- Reach out to pharmaceutical and biotech companies with facilities in Gloucester County and/or the region to explore partnerships and growing contracts with County farmers;
- Encourage a) support for agricultural irrigation (often necessary for crop production; especially fruit, vegetable, nursery, greenhouse, and other specialty crops); and b) research into alternative water management strategies, such as efficient pump engines that reduce fuel consumption while still having adequate output of water for crop needs; conservation soil moisture monitoring technology to apply water based on evaporation and crop uptake; using alternative water application methods that are more efficient; and other water conservation measures; and

• Encourage more farms to offer Community Supported Agriculture and other retail options to capture consumer dollars to garner increase farm profitability.

## Nursery, Greenhouses, Floriculture and Sod

The NJDA 2011 Economic Development Strategies focused on ensuring plant health, including inspections and research; increasing consumer awareness of the Jersey Grown brand; and working with government agencies to use New Jersey-produced products wherever possible.

This is the highest ranking category of agricultural commodities in Gloucester County in 2012, bringing in \$34.8 million. It accounted for 42% of total crop sales and 40% of total agricultural sales, versus 54% and 48% statewide. This sector has risen steadily in sales since 1987, when sales totaled \$10.6 million. Between 2007 and 2012, while the number of reporting farms in this sector declined by over 30%, from 115 to 76, sales rose 9%, and the average sales per farm rose 65%, much higher than the statewide increase of 20%.

There are 28 garden centers and nurseries listed on NJDA's *Jersey Grown* website<sup>42</sup> for Gloucester County (although not all offer *Jersey Grown* products), and four certified suppliers,<sup>43</sup> eligible to market using the *Jersey Grown* branding. Many of these, plus a number of other nurseries and dealers (including landscape services and floral shops) are listed in the NJDA's directory of current state certifications, indicating that their stock has been inspected and found to be free from dangerously injurious plant pests.<sup>44</sup> (*Certified Nurseries and Plant Dealers*)

As the non-agriculture population grows in the County and region, it provides a ready and expanding market for these products. The County can continue to strengthen and expand this sector of the agriculture economy as opportunities arise. Some strategies to follow are:

- Support efforts by NJDA to ensure plant health and disease-free material;
- Increase consumer awareness of the *Jersey Grown* brand;
- Seek and/or expand contracts with large box store operations such as Home Depot, Lowe's and Walmart;
- Reach out to pharmaceutical and biotech companies to explore partnerships and growing contracts with County greenhouse operations for plant-based pharmaceuticals (for example, according to Multisorb Technologies, a 20,000 square foot greenhouse would be sufficient to meet global demand for the anemia drug Erythropoietin <sup>45</sup>)
- Promote "drive up" operations where consumers can buy directly from the nursery or greenhouse; and
- Promote businesses in this category on the County website through reintroduction of the Guide to Gloucester County Farm Products in print or in Web listings and an expanded Shop Local campaign<sup>46</sup> (currently one Saturday a year).

## Field and Forage Crops

The NJDA 2011 Economic Development Strategies for field and forage crops were to ensure plant health; aid development strategies to improve production, yield per acre and management practices; and support organic crop production plans for a green energy initiative involving a bio-fuel plant that could provide a new local market for New Jersey agricultural products. The NJDA noted "Due to the state's high land values, property taxes and labor rates, production costs in New Jersey are higher than in most other production areas. With commodity prices based on national production costs, yields and demand, it can be less profitable to produce commodity items in New Jersey than elsewhere." (NJDA)

For 2012, grains, oilseeds, dry beans and dry peas reported sales of \$8.2 million and other crops and hay reported \$0.6 million, together representing approximately 11% of total agricultural sales in Gloucester County. This is a significant increase over sales in 2002, a drought year in which the grains category sales were \$1.6 million and other crops and hay sales were \$0.35 million (*Census of Agriculture*)<sup>47</sup>

Gloucester County ranked third in the state for acres devoted to wheat and winter wheat for grain, fourth for acres devoted to soybeans and sixth for corn for grain. Grains represented 10% of the County's total crop sales, up from 3% in 2002, a drought year. The number of farms harvesting soybeans in 2012 was 84, up from 76 in 2002. More than 8,000 acres of soybeans were harvested in each year, but the yield in 2012 was more than double that in 2002. Corn and wheat for grain are distant seconds to soybeans, each with just under 4,000 acres harvested in 2012. However, corn sales of \$2.49 million exceeded wheat sales of \$1.33 million, and both were outstripped by soybean sales of \$4.27 million. Since 2013 corn, soybean and other grain prices have dropped in price. One of the main reasons can be attributed to high grain/feed prices prior to 2013 that hurt the livestock and dairy industry. Livestock and dairy producers sold off stock and meat and milk production, nationwide, was down, driving up prices of these commodities. Prior to 2013, acreage of grain crops had steadily increased and many farmers found it profitable to produce corn, soybean or grains in place of other crops. In more recent years, this is not the case. 48 (Michelle Infante-Casella)

The County ranked tenth in the state out of 18 counties for hay and other forage crops in 2002, 2007 and 2012. The yield for hay and haylage was more than 9,000 tons in all three years even though the number of farms varied, from 176 farms in 2002 to 152 farms in 2012. The majority of farms harvesting hay are 24 acres or smaller. Hay has lower input costs than other crop options since it is a permanent crop that does not have to be reseeded, requires lower input costs and is not attractive to wildlife. It is a friendlier crop to non-agricultural neighbors because it does not have the level of pesticide spraying requirements, odor or unsightliness of other types of agricultural products, leading to fewer conflicts with non-farmers. (*Michelle Infante-Casella*)

Strategies for Gloucester County to consider include:

• Educate farmers about any improved management practices and ways to improve yield per acre;

- Alert farmers to any available workshops on cropland and pasture management;
- Encourage diversification to row crops that meet newly emerging markets or markets with increasing demand (such as spelt as a dietary substitute for wheat or switchgrass for pelletized energy) or lend themselves to value-added marketing opportunities (such as sorghum for homemade jams and jellies that can be marketed from roadside stands, at community markets and over the Internet); according to RNJAES, "there are a number of profitable alternative world crops that can be grown in New Jersey to satisfy the demand for fresh produce by immigrant populations. These crops are suited to diversified small to mid-size farms where high returns per acre is required." A website called World Crops, of which RNJAES is a sponsor, can point farmers to crops that meet the needs of ethnic populations in their area;
- Reach out to pharmaceutical and biotech companies to explore partnerships and growing contracts with County farmers for plant-based pharmaceuticals (according to Multisorb Technologies, 16,000 acres of safflower could provide the world's entire supply of insulin)<sup>51</sup>
- Encourage transition to certified organic or naturally grown bean and grain crops to increase their value:
- Publicize to farmers the availability of state-sponsored grain marketing sessions, when scheduled;
- Inform producers about the role of crop insurance in mitigating marketing risk; and
- Assist farmers in investigating alternative crops for local production and new markets (hops, specialty small fruits, small scale animal products, etc.)

# **Dairy**

The NJDA 2011 Economic Development Strategies for dairy included establishing a premium price for New Jersey-produced milk and ensuring stable pricing; increasing the demand for milk through sale and promotion of Jersey Fresh milk and milk products at community and retail markets; promoting FIN-PAK and risk-management software programs to producers; implementing dairy-quality benchmarks; and establishing a health and safety standard for sale of raw milk directly to consumers.

At \$3.63 million, 2012 sales of milk from cows outpaced by more than \$1 million previous census figures for dairy product sales (the Census reporting was changed in 2012 to focus only on milk from cows rather than dairy products in general). Sales of milk from cows accounted for 68% of livestock sales in the County and ranked fourth in the state, out of 10 counties reporting. Just four farms in Gloucester County were listed on the 2012 Census of Agriculture as having milk cows, down from six farms in 2007 and twelve in 1997. 2012 inventory of milk cows was 890, up from 751 in 2007. (Census of Agriculture) (As of October 2014, there are only 3 dairy farms left in Gloucester County)

Strategies for augmenting the County dairy industry include:

- Work to ensure the health of the dairy industry, and the quality of raw and processed milk; encourage farmers to license under the Jersey Fresh Quality Grading Program, which allows the raw milk to be used in products bearing the logo *Made with Jersey Fresh Milk*;
- Explore various additional products, such as cheeses. and markets for dairy, including local restaurants and grocery markets;
- Aggressively market value-added dairy products, especially those that can carry the *Made with Jersey Fresh Milk* logo;
- Consider and encourage the NJDA's campaign to establish a process to allow sales of raw milk direct from the farmer to the producer and the positive effects it might have for dairy farmers in Gloucester County, and
- Encourage passage of proposed raw milk legislation that would permit sale of raw milk under certain conditions and establishes raw milk permit program (A543 and S1285 in the 2014-2015 State Legislative session);
- Consider establishing an Agriculture Enterprise District (discussed later in this *Chapter*), where discounts and exemptions on taxes and other fees could reduce the expense of dairy farming, making Gloucester County product more competitive with other regions.

## **Livestock and Poultry**

The NJDA 2011 Economic Development Strategies for livestock focused on animal health (bio-security), ensuring safe and legal sales of poultry and eggs at community farmers markets; and supporting youth programs involving livestock.

Operations in Gloucester County include cattle and calves, sheep and goats, hogs, and poultry and a couple of specialty livestock operations. <sup>52</sup> Over the past 20 years, livestock has represented an increasingly smaller portion of the County's agricultural sales, representing 6% of sales in 2012, down from 8.8% in 1987. While overall agricultural sales have increased, livestock sales have remained relatively steady, varying from \$4.1 million in 1987 to a high of \$5.8 million in 2007 and \$5.4 million in 2012.

Both the number of farms with livestock operations and the inventory levels for livestock have declined since 1987. The largest decrease has been in cattle. The number of farms declined by 42%, to 69 farms, but the number of head declined only 15%, to 2,423. Farms with 1 to 9 cattle in inventory were the most numerous in both 1987 (81) and 2012 (43), representing more than 60% of all farms with inventory.

Hog and pig operations have decreased in number by 66% since 1987 (from 74 to 25), with the biggest drop (-22 farms) occurring between 1997 and 2002. Inventory rose to a high of 13,549 in 1997, but decreased to 1,454 in 2012, with the biggest drop also occurring between 1997 and 2002. The larger operations that existed in 1987 and 1992, with two or three reporting inventories of 1,000 or more, no longer exist. In 2012, there was one operation that reported inventory between 500 and 999. The smaller operations, with from 1 to 24 hogs/pigs in inventory represent 60% of all operations in 2012.

Farms with sheep increased from 23 in 1982 to 62 in 2007, then declined by 37% to 39 farms in 2012. The 1997 and 2002 census years showed the highest inventories, at around 1,000 head; inventory then declined to 761 head in 2007 and to 603 head in 2012. This is still well above the 1982 inventory of 318 head. (*Census of Agriculture*) In part, the upswings around 2007 may be attributed to a new methodology employed by the USDA, which allowed it to capture more small farms with less than \$10,000 in sales in the data collection process. Also, the high commodity prices in 2007 meant more very small operations were able to meet the \$1,000 threshold to qualify as a farm. In addition, the rise and fall in inventory may be attributed to a 2005-2006 Ewe Lamb Replacement and Retention Program. Since the end of the program, numbers have declined.

With the trend toward smaller farms, sheep make good livestock choices for Gloucester County farmers since they are ideal for operations with small acreage. (USDA Overview) Prices for wool in 2010 were \$1.15 per pound and the average yield per shorn sheep was 7.4 pounds. Sheep and lamb prices were up as well. In addition, there is the opportunity for value-added products such as cheeses made from sheep's milk. One Gloucester County farm with sheep and poultry inventory markets itself creatively, with not only product, such as lamb meat, sheepskin, fleeces and "green-processed" yarn, but also classes, workshops, tours and farm club memberships; the farm also has solar panels that supply its electricity. <sup>54</sup>

Goat farming peaked in 2007 when there were 78 operations with inventory compared to 16 in 1982, and 56 in 2012. Inventory also was at its highest in 2007, at 742 head. In 2012, inventory was 446, about the same as in 1997 and much higher than the 93 head reported in 1982. (Census of Agriculture). Goats are another good choice for small farms with limited acreage; they are easier to manage and less costly to raise than many livestock, with a variety of end products: milk, cheeses, mohair or meat, depending on the type of goat. Growing populations of ethnic groups that favor goat meat spur demand; the demand for mohair from angora goats outstrips supply and the prices in 2005, 2006 and 2010 were around \$3.50 per pound. Goat milk can be used to make artisan goat cheeses, soaps and other value-added products. (USDA Overview)

Specialty livestock in Gloucester County includes alpacas and llamas. In 2012, there were five farms with 79 alpacas and seven farms with 34 llamas; in both cases, the inventories declined from 2007. In both 2007 and 2012, Gloucester County ranked second in the state for colonies of bees, with 16 farms reporting colonies in 2012. Statewide honey sales totaled \$1.13 million in 2012 (*Census of Agriculture*), but in 2014 a brutal winter, a cold spring and parasites decimated almost half of the colonies.<sup>55</sup>

There were 43 farms with poultry sales in 2012, the same as in 1987. The year with the greatest number of farms in all poultry sectors was 2007, with 92 farms. Inventories of laying hens have declined from a high in 5,003 to 2,005 in 2012. Broilers and meat chicken inventory was not disclosed in 2012, but reached a reported high of 3,657 in 1997. Turkeys, ducks, geese and emus are among the miscellaneous poultry inventoried. Emus were first reported separately in 2002, with 4 farms having a total of 9 head; in 2012, 4 farms reported a total of 50 head. (*Census of Agriculture*)

To strengthen and expand its place in the County economy, some non-dairy cattle, sheep, hog, goat, poultry and specialty livestock strategies may include:

- Ensure animal health;
- Explore various additional markets, including local hospitals and assisted living operations, restaurants and grocery markets, and increased outlets for meat sales at regional community markets and special events;
- Seek opportunities for production contracts with poultry and livestock processors;
- Investigate outlets for dairy products for goats and sheep, and educate farmers about the benefits of diversifying into these value-added opportunities;
- Explore increased marketing opportunities for goat meat to meet the preferences of growing ethnic populations in the state;
- Encourage passage of proposed raw milk legislation that would permit sale of raw milk under certain conditions and establishes raw milk permit program (A543 and S1285 in the 2014-2015 State Legislative session);
- Assist farmers with farming techniques, regulatory requirements and the latest research for livestock and poultry, including continued and additional cooperation with the RNJAESCE, NJDA and Natural Resources Conservation Service (NRCS); and
- Promote the agritourism potential of livestock and livestock products, including exotic animals and poultry, such as "looking" zoos, on-farm sales of value-added products such as wool and cheeses, and educational school tours.

## **Organic Farming**

The NJDA 2011 Economic Development Strategies for organic farming included promoting federal cost-sharing funds for certification reimbursement; integrating marketing of Jersey Organic brand alongside Jersey Fresh; and working with NOFA-NJ (Northeast Organic Farmers' Association—New Jersey) toward research and technical assistance for organic growers.

Organic crops and animals have the potential to be an important market for Gloucester County. With the recent influx of more affluent consumers in the County, potential markets across the river in Pennsylvania and Delaware, and increased consumer awareness regarding food production, organic products and the markets that support them should continue to gain a stronghold and become more mainstream as people demand high quality, readily accessible and affordable organic products. Certification of organic farms is regulated by the U.S. Department of Agriculture via the Organic Food Production Act of 1990 (NOP), and can be somewhat costly and time consuming as compared to non-organic farming. This may dissuade some farmers otherwise amenable to this type of farming.

Small organic operations (growers or processors), those with gross sales of less than \$5,000 per year of unprocessed organic product and/or less than \$5,000 of processed organic product (such as jam), can be exempted from the certification process. They can market their products as organic as long as they follow the national organic standards for production, labeling and recordkeeping, but they cannot use the USDA Organic seal,

which can only be used on certified products. They also can sell their products to the retail market, which can sell them as organic as long as the retailer does not re-package or process the product. <sup>56</sup> (NOP)

"Natural" farming is another alternative; it is a type of farming that seeks to emulate organic farming, but is not overseen by laws or regulations, as is organic farming. Natural farming is somewhat less costly and time consuming than "organic," and therefore may be a viable option for some farmers, and their potential customers. Certified Naturally Grown (CNG) is a non-profit organization that offers certification "tailored for small-scale, direct-market farmers and beekeepers using natural methods." Its standards are based on the NOP standards, but CNG uses a peer-review process is more affordable for small operations than certifying through the state program. (CNG)<sup>57</sup> At least, two farms in Gloucester County are considering this option.

Census reporting of organic agriculture is relatively recent and methodologies changed between 2002, 2007 and 2012, making the Census data not comparable. In 2012, the Census reported the number of Gloucester County farms with USDA National Organic Program (NOP) certified organic production (2), the number exempt from certification (1) and the number with acres transitioning to NOP production (1). Two farms reported sales of organic product. On the state level, 72 farms reported \$3 million in sales of NOP certified or exempt organically produced commodities.

Two organic farms in Gloucester County are listed as certified on the NJDA Jersey Fresh website<sup>58</sup> and the Northeast Organic Farming Association–New Jersey (NOFA-NJ) website<sup>59</sup>: Muth Family Farm and Savoie Organic Farm, both in Williamstown. Red Oak Ranch, in Newfield, is listed on the NOFA-NJ website as organic, not certified. Red Oak Ranch, which describes its products as "naturally grown, transitional," is seeking naturally grown certification through CNG. Two Gloucester County farms are listed as "in transition" in the NOFA-NJ 2014-15 Farm and Food Guide<sup>60</sup>: Cecil Creek Farm in Mickleton and Far Winds Farm in Williamstown.

Organic certification cost share programs are available that reimburse individual organic operators up to 75 percent of their certification costs up to a maximum of \$750 per category of certification. These include the National Organic Certification Cost Share Program (NOCCSP), which provides \$11.5 million in assistance each fiscal year through 2018 for all scopes of certification (producers and handlers), and the Agricultural Management Assistance (AMA) Organic Certification Cost Share Program, with \$1.5 million available to producers only, annually through fiscal year 2018. Producers may apply to both programs but not for reimbursement of the same costs. The programs are administered through the New Jersey Department of Agriculture. Contact Anne Marie Ference or Debra McCluskey at 609-777-0098 or 609-984-2225 or Anne.Marie.Ference@ag.state.nj.us or debra.mccluskey@ag.state.nj.us. 61

With the increased interest by consumers in organic produce and animal products, Gloucester County farmers may be encouraged to expand or diversify into this sector. Gloucester County may look to:

- Offer workshops, such as those sponsored by NOFA-NJ, to increase grower interest in organic, naturally grown and sustainable options for farming practices;
- Improve marketing of organic and natural produce;
- Explore various additional markets, including local restaurants and grocery markets and cooperative farmstands at County events;
- Promote agritourism for organic and natural farms stands;
- Promote use of the *Jersey Organic* brand per the criteria established in N.J.A.C. 2:71-8.1-8.5;
- Educate growers about organic and natural regulatory and certification requirements and about the availability of federal funds to help offset certification costs;
- Consider workshops to educate small direct marketing organizations about certified organic and certified naturally grown farming options; and
- Explore ways to support organic food growing and processing, such as assisting growers, with the help of the NJDA and the Rutgers Extension, to identify products that can provide added market value when organically grown or produced (high value/high demand products).

## Equine

The NJDA 2011 Economic Developments Strategies for the equine industry focused on horse health and promotion of the industry through the Jersey Bred brand, hosted events, the equine website, including a redesigned New Jersey All Breed Horse Show, and working with youth programs. In its 2012 Annual Report, 62 the New Jersey Agricultural Statistics Service indicated that the state's equine industry is valued at \$4 billion and generates \$1.1 billion in positive impact to the state's economy.

The 2012 Census of Agriculture reported 1,233 horses and ponies on 191 farms, up from 543 on 97 farms in 1982, but down from a high of 1,499 on 224 farms in 2002. In 2012, 18 farms had 30 head of mules, burros or donkeys in inventory, higher than any other previously reported year since 1992. Sales of horses, ponies, mules, burros and donkeys combined totaled \$391,000, but much of the value of this small but viable sector lies in the services offered, including opportunities for riding and boarding. The previous edition of the "From Our Farms Guide to Gloucester County Farm Products" interactive website (currently under construction) lists 27 establishments that offer boarding, breeding, training, lessons, therapeutic riding and/or tack shops. Those that are breeding farms can make use of the *Jersey Bred* logo when marketing their animals.

On the state level, equine rules adopted August 4, 2008, established Agricultural Management Practices (AMP) for Equine Activities on Commercial Farms (N.J.A.C. 2:76-2A.10) and expanded the list of equine activities eligible for Right to Farm protections (N.J.A.C. 2:76-2B.3). While breeding, raising, pasture and hay production had always been eligible, the following were newly added: boarding, keeping, training, rehabilitation of horses and complementary activities including but not limited to clinics, open houses, demonstrations, educational camps, farm events, competitions and rodeos, as long as these activities are related to the marketing of horses that are raised, bred, kept,

boarded, trained, or rehabilitated on the farm, and are in compliance with municipal requirements. This state level support is important to the sustainability and viability of the equine sector in Gloucester County.

In addition, Gloucester County recognizes the importance of the equine industry as a growth sector. In 2008, the County opened the Delaware River Equestrian, Agriculture and Marine (DREAM) Park in Logan Township, on a site along the Delaware River and Raccoon Creek, once proposed by the Corps of Engineers as a dredge dumping site. The equestrian facility has an indoor arena, a covered arena, concession area, exhibition and auction hall; five outdoor rings; two barns to house 238 show horses show stables, 74 stables for resident boarders with two private warmup and exercise rings; and a dog park. The facility hosts regional and area wide shows and competitions, offers riding lessons, provides recreational opportunities for Gloucester County residents, and operates a therapeutic riding program for children with special needs. 63 According to the 2010 Gloucester County Comprehensive Economic Development Strategy (CEDS) Project Inventory DREAM Park supports the objective of expanding the County's tourism and agritourism economics: "The equine industry is a growing aspect of Gloucester County agriculture. An equine park would provide an outlet for tourists, breeders, and recreationalists to interact with the animals, trainers and other professionals in the field." (CEDS)<sup>64</sup> According to Freeholder Director Robert Damminger, in the fall of 2014 the park planned to open the first phase of a trail system that will "add miles of open space for equestrian activities, as well as other family activities." In addition, it helps to maintain the "lovely rural and agricultural aspect of our region." (DREAM Park)

To retain and grow its market share in the state and regional equine industry, Gloucester County can:

- Ensure the health of equine animals;
- Educate farmers about the benefits of the equine rules and educate municipalities about the rights of equine farmers;
- Promote the DREAM Park venue to attract regional and national show planners as well as agritourism and equine visitors to the County;
- Promote the industry at shows and festivals, such as the annual Gloucester County 4-H Fair and New Jersey Peach Festival;
- Promote the industry through enhanced listings of County equine events in state, regional and County website and print listings;
- Consider encouraging a program such as the 2014 Conservation Innovation Grant awarded to Standard Bioenergy, whose project seeks to convert stall waste (horse manure, hay and wood shavings) from equine farms into a renewable fuel that can be used in space heaters for greenhouses <sup>66</sup>; and
- Promote the agritourism aspect of the equine industry through farm tours, horse and pony rides, and boarding and riding lessons.

#### Wine

According to the 2011 Economic Development Strategies, the state's grape production is not keeping pace with its wine production, which, according to the Alcohol and Tobacco Tax and Trade Bureau totaled 1,561,365 gallons in 2012, placing it 10<sup>th</sup> in the nation.<sup>67</sup>

Strategies focused on expanding the locally grown content of New Jersey wine; supporting licenses to distill fruit-based spirits; expanding the number of eligible retail outlets supporting the ability to sell wines at farmers markets; and promoting New Jersey's wine trails.

In recent years, the wine industry in the Garden State has gotten several boosts. In 2007, the U.S. Alcohol and Tobacco Tax and Trade Bureau designated the Outer Coastal Plain (OCP) American Viticultural Area (AVA), a designation that can be earned only by proving its identity as a unique physiographic region that is beneficial to grape growing. The OCP AVA consists of 2.25 million acres in southern New Jersey, including all of Cumberland, Cape May, Atlantic and Ocean Counties and a portion of Gloucester and Salem Counties. In 2009, the Outer Coastal Plain Vineyard Association <sup>68</sup>(OCPVA) was formed, with the mission of promoting sustainable and economically viable viticulture in the OCP AVA. Several Gloucester County wineries are full or associate (located outside the OCP AVA) members of the OCPVA, which has developed a new red wine blend called Coeur d'Est, composed entirely of grapes produced in the region. Two Gloucester County wineries, Coda Rossa and Heritage Vineyards, are among the producers of this wine, which must pass stringent standards. In January 2012, Governor Christie signed into law in a bill permitting direct shipping by New Jersey wineries<sup>69</sup> and on July 2. 2014, the Governor signed into law a bill (S837) that establishes a pilot program through March 1, 2018, to allow wineries on preserved farms to conduct special occasion events under certain conditions as defined by the appropriate CADB<sup>70</sup>.

According to the New Jersey Department of Agriculture, the state has 50 licensed wineries versus 25 in 2007. Since 2002, viticulture has grown in Gloucester County, from 12 farms to 19 and from 14 acres to 125. In 2012, 71 of those acres were bearing acres as opposed to 38 in 2007. Four Gloucester Country wineries are listed on the Jersey Fresh site<sup>71</sup> and five on visitni.org (the Official Tourism Website of New Jersey). In addition, two newer wineries, Summit City Farms & Winery in Glassboro (2014) and Villari Vineyards in Sewell (2010), have not yet made it to these lists. Some of these wineries are situated on farms that have converted a portion of their farmed land to grape production; and one is situated on a former pig farm that has been in the family for 85 years. At least one winery distributes to local restaurants and liquor stores as well as hosting a tasting room. In addition to wine tastings, others offer special events such as music nights and "Run the Vineyard." Vintage South Jersey, a product of the South Jersey Tourism Corporation, has two wine trails that include Gloucester County wineries: the Two Bridges Trail (Cedarville, Heritage and Wagonhouse) and the Pinelands Reserve Trail (Coda Rossa). In addition to Vintagesouthjersey.com, these trails are promoted on VisitSouthJersey.com, visitnj.org and the New Jersey Wine Growers Association and Outer Coastal Plain Vineyard Association websites. Some Gloucester County wineries also are included in various wine tours throughout the year, including Holiday Wine Trail Weekends and seasonal Trolley Tours organized by Vintage South Jersey,

#### Gloucester County may consider:

• Exploring the feasibility for additional Gloucester County farmers to diversify into grape production (or other fruits suitable for wine making); and

• Encouraging promotion of Gloucester County wineries and wines, as they develop, through publicity, developing of a County-wide wine trail or wine tour, and encouraging expanded distribution of local wines to local outlets such as retail outlets and restaurants, and at other special events.

# Agritourism

The 2011 Economic Development Strategies for agritourism focused on expanding roadside programs, including signage and eligibility for signage, consumer promotion through an agritourism brochure, press releases and promotion of agricultural fairs, along with continued development of visitnjfarms.org.

The strategy to expand roadside promotion included expanding participation of agritourism operations in the Tourist Oriented Destination Signage (TODS) program through the New Jersey Department of Transportation (NJDOT), gaining a discounted agritourism rate and increasing the maximum distance (then set at three miles) an operation can be from a state road to be eligible for the signage promotion. At least two of these goals have been achieved: In 2014, the maximum distance for an agritourism operation is 10 miles, and the annual cost per sign is \$400 versus \$800 for other businesses. In Gloucester County several wineries and one farm market are listed as participating in the program, with one to three signs per operation. Signs are posted a minimum of 200 feet in advance of the nearest intersection to the facility. To be eligible the agritourism operation must be open a minimum of six hours per day, five days per week during its growing or operating season. (NJDA)<sup>72</sup>

Visitnj.farms, mentioned in the 2011 Strategies, is a website sponsored by Rutgers, the New Jersey Farmers' Direct Marketing Association and the New Jersey Farm Bureau. Its focus is on agritourism activities provided on commercials farms in New Jersey, and farmers must self-register. It includes a "find farms" option, event listings and a chart showing what's in season. A map on the home page allows the user to click on Gloucester County and see the farm operations with listings on the site. In 2014, the list is not as extensive as lists found on other sites such as jerseyfresh.nj.gov.

In 2011, the Rutgers New Jersey Agricultural Experiment Station reported that "ag census data shows our state ranks first nationally in the percentage of farm revenue earned from agritourism" and that 1 in 5 NJ farms offer agritourism activities." <sup>73</sup>

In April 2014, the state gave further support to agritourism as a recognized sector of the agricultural industry by adopting an Agricultural Management Practices (AMP) for On-Farm Direct Marketing Facilities, Activities and Events into the New Jersey Register (N.J.A.C. 2:76-2A.13). The AMP "establishes performance-based standards for commercial farms seeking to qualify for right-to-farm protection for on-farm direct marketing facilities, activities and events that are used to facilitate and provide for direct farmer-to-consumer sales, such as farm stands, farm stores, community-supported agriculture and pick-your-own operations, and associated activities and events that fit within the scope of the Right to Farm Act. The intent of the AMP is to provide statewide

standards on which farmers, municipalities, CADBs and the public can rely, while also providing flexibility to commercial farm owners and operators."<sup>74</sup> (SADC)

The 2012 Census reports that Gloucester County had \$3.87 million in direct sales, representing 4 % total agricultural sales for the County. This is an increase of 152% over 1997, even while the number of farms decreased by 19% (*Table 23. Direct Sales in Gloucester County: 1997-2012*). For the Census, this category includes "the value of agricultural products produced and sold directly to individuals for human consumption from roadside stands, farmers' markets, pick-your-own sites, etc. It excludes non-edible products such as nursery crops, cut flowers, and wool but includes livestock sales. Sales of agricultural products by vertically integrated operations through their own processing and marketing operations were excluded." (*Census of Agriculture*)

Table 23. Direct Sales in Gloucester County: 1997-2012						
					Change '97-'12	
	2012	2007	2002	1997	'97-'12	
Farms	90	114	84	111	-19%	
Sales (\$1,000) \$3,867 \$3,008 \$2,180 \$1,537 152%						
Source: Census of Agriculture						

This is a growing industry, especially the wine sector, which has introduced not only tasting rooms, tours and pick-your-own opportunities, but innovative programs such as music nights and weekend end runs through the vineyards and orchards. With continued support from the state, as well as county and local municipality efforts, this sector can benefit agriculture in the County both for farming as an industry and for the individual farmer as additional income. Agritourism helps change the perspective of the nonfarming community and increases visibility, understanding and appreciation of farming by County residents and visitors. Agritourism can be an important contributor toward the long term sustainability of Gloucester County's agricultural industry. According to the 2011 Economic Development Strategies, "agricultural tourism draws upon two great strengths of the Garden State, a rich agricultural heritage and a large population of affluent consumers," and "...Agritourism is critical to ensuring the future viability of agriculture in the state." Agritourism can draw its clientele not only from the County and region but also, across state borders, from nearby Pennsylvania and Delaware.

Agritourism in Gloucester County is evidenced by the many roadside markets and pick-your-owns, some of which also feature other on-farm activities and special events. Visibility is given to these and other agritourism opportunities through the many websites and publications available (*Table 24. Agritourism Websites and Publications*)

Table 24. Agritourism Websites and Publications				
Source Description				
State				
NJDA <i>Jersey Fresh</i> website	<ul> <li>Roadside markets<sup>76</sup></li> </ul>			
	<ul> <li>On-Farm Activities<sup>77</sup></li> </ul>			
	• Wineries <sup>78</sup>			

Table 24. Ag	ritourism Websites and Publications
Source Rutgers NJAES  NJDA Jersey Equine website  Visit New Jersey Farms website (visitnjfarms.org)  Visitnj.org (Office Tourism Website of new Jersey)  83	<ul> <li>Restaurants<sup>79</sup></li> <li>Agritourism Education</li> <li>Equine events<sup>80</sup></li> <li>Equine facilities<sup>81</sup></li> <li>Farms, Farm Products, Activities and Events<sup>82</sup></li> <li>Ability for website visitor to build itinerary of farms to visit</li> <li>Farms &amp; Orchards (currently includes 1 Gloucester County farms/winery &amp; a link to the State Jersey Fresh site; farmers may submit listing for consideration as a tourism business listing)</li> <li>Wineries &amp; Vineyards – 6 GC wineries included</li> </ul>
	<ul> <li>Wine Tour trip idea (includes 1 GC winery)</li> <li>Fairs – GC 4H Fair</li> </ul>
Regional	
Visit South Jersey web site (visitsouthjersey.com); South Jersey Tourism Corporation	<ul> <li>Calendar of events</li> <li>Hard copy brochure</li> <li>Regional tours and itineraries (if the Gloucester County developed a farm tour, the itinerary could be posted here)</li> <li>Family Fun section, where the 4-H Fair and Peach Festival could be listed under Festivals and Events and farm tours could be listed under Attractions; Creamy Acres is currently listed under Fun with Kids as a destination where they can learn about life on a modern dairy farm, and</li> <li>Outdoors section that includes a Jersey Fresh Farms page with three Gloucester County farm listings:</li> </ul>
County	
Gloucester County website	<ul> <li>Visitors Page 84 includes links to:</li> <li>Travel Guide brochure that includes 6 farms or farm markets, 4 wineries &amp; DREAM Park</li> <li>Things to Do (includes 2 farms, 1 wine trail)</li> </ul>
Gloucester County Newsletter <sup>85</sup>	<ul> <li>available from the County website</li> <li>mailed to residents' homes</li> <li>includes upcoming activities (4-H Fair)</li> </ul>
Organizations	
www.njfarmmarkets.org (NJ Farmers' Direct Marketing Association, Inc.)	■ 10 farms & farm markets <sup>86</sup>
New Jersey Christmas Tree Growers' Association <sup>87</sup>	■ 4 farms

A County-wide agritourism event is the four-day Gloucester County 4-H Fair and New Jersey Peach Festival<sup>88</sup> held in July at the 4-H fairgrounds in Mullica Hill. The fair celebrates the accomplishments of the more than 500 children that are active in more than 45 4-H clubs in the County, but also includes carnival rides, magic shows, a lumberjack show, craft fair and more. The Peach Festival, marking its 32<sup>nd</sup> year in 2014, runs concurrently with the 4-H Fair.

DREAM Park, the County-owned equestrian facility mentioned previously in the *Equine* section of this *Chapter*, is another County initiative designed to promote agritourism and provide economic advantages to the County from an agriculture-related project.

The Opportunity for Agritourism Development in New Jersey, a 2006 report prepared for the NJDA by two independent consultants and personnel from the Food Policy Institute at Rutgers, defines agritourism as "the business of establishing farms as travel destinations for educational and recreational purposes." The report states that "agritourism represents an opportunity [for the farmer] to generate supplemental income during periods when land and equipment may be underutilized or idle and afford the opportunity for feedback from consumers regarding preferences for various farm products and services." In addition it "can create positive interactions between nonfarmers and farmers," helping to "reduce right to farm conflicts and garnering support for farm retention policies"; it "contributes to and enhances the quality of life in communities" and provides consumers with "direct access to fresh, locally-produced farm products."89 In 2004, the New Jersey State Board of Agriculture formally recognized agritourism development as a strategy for "bolstering the viability of New Jersey agriculture" and in 2005, New Jersey's Secretary of Agriculture, Charles Kuperus, convened the New Jersey Agritourism Industry Advisory Council. In 2006, more than one-fifth of New Jersey farms offered some form of agritourism, Among farms with agritourism, % derived all their income from agritourism (innovative marketing practices), and 52% derived at least half their income from it. Plus, for every dollar in agritourism sales generated on a NJ farm, \$0.58 of additional sales are generated in other businesses (e.g., restaurants, construction companies, insurance providers, etc.) This report also noted the importance of clarifying right to farm protections. (Rutgers)<sup>90</sup>

Among the series of recommendations included in this report are:

- Marketing and Promotion centralized promotion system, agritourism marketing
  website, better inclusion and integration of agritourism on the N.J. Division of
  Travel and Tourism marketing materials; stronger links between farmers and
  WIC, Senior and school lunch nutritional programs; and assisting counties with
  funding for agritourism promotion;
- Liability Protection and Insurance develop a New Jersey Agritourism Limited Liability act modeled after laws in Virginia and North Caroline and explore ways to reduce cost of liability insurance;
- Establish a state level Agritourism Industry Development program with a capacity to support regional agritourism initiatives and assist operators with marketing and promotion;

- Regulatory Guidance for Operators include proactive communication about relevant regulations, and education about requirements and protections under the Right to Farm Act; address impediments to signage;
- Municipal Outreach educate municipalities about building agricultural retention elements and regulations supportive of agritourism into their master plans and ordinances;
- Training and Information Workshops for Farmers include hospitality training, marketing strategies and other issue-specific workshops such as liability, grants, traffic, signage; offer a forum for farmers getting into agritourism to interact with those who already are involved;
- Role of CADB examine preservation policies to identify and address any restraints to agritourism development; provide outreach to operators and municipal officials; develop model long-term leases for farmers renting preserved farmland; host open houses and tours at agritourism operations "such as those offered by the Somerset CADB and County Board of Agriculture"; encourage municipal adoption of model Right to Farm ordinance;
- Resources "how-to" website; innovation fund providing grants or low interest loans; technical assistance for farmers in identifying and obtaining grant funding; and
- School Tours identify and compile farm-related curriculum for different grade levels (as an example of what can be done, see The Farm Institute on Martha's Vineyard's website<sup>91</sup>); provide opportunities for farmers to participate in school programs; and develop "fast facts" to educate farm visitors.

The study concludes that farmers have, over the years, adopted a range of agritourism activities; that agritourism is financially beneficial to both the farmer and the economy; and that farmers need specific assistance and resources in order to be successful at integrating agritourism activities into their operations (page 84).

The CADB and the OLP can pay special attention to those roles defined in the recommendation as specific to CADBs, as well as take an active interest in the other recommendations and work with the state, other agencies and organizations and County farmers to effect a strong agritourism presence in the County. Strategies may include:

- Establishing additional permanent, three season community markets, which may assist local farmers in selling farm and value-added products, strengthening the business of agriculture within the County; there is currently one community market, in Woodbury;
- Establishing event-specific cooperative farmstands at community events in the County, which would promote and benefit the County's farming industry and offer additional opportunities for product sales;
- Creating a regional harvest festival in the fall, a horticultural festival in the spring, or a farm tour itinerary of participating farms that could be listed on the Visit South Jersey website and on the Gloucester County Economic Development/Tourism page;
- Establishing a cycling tour similar to the South Jersey Resource & Development Council's "Tours des Farms" held in Burlington County. The 8<sup>th</sup> annual South

Jersey Tour des Farms, held on Saturday, September 6. 2-14 featured 16, 29 and 54 mile routes, with stops at "a cranberry farm, vegetable farms, orchards, nurseries, an organic farm, and a community supported agriculture farm." The Tour de Farm <sup>92</sup>. Or create a dual event such as the Tour de Farm for cyclists and Farm to Fork Celebration for locavores held in northwestern New Jersey. <sup>93</sup>

- Working with a nonprofit organization to organize a farm tour as a fundraiser; for example, in September 2007, the Northwest NJ Buy Fresh Buy Local Campaign<sup>94</sup> offered its 2nd annual Farm and Food Open House, with 12 farms from Sussex, Warren and Hunterdon Counties;
- Establishing a working farm devoted to public education, similar to The Farm Institute on Martha's Vineyard; a working farm on preserved land that offers innovative programs that involve children, families and others, such as local chefs who come in to demonstrate recipes that can be prepared using local produce. (The Farm Institute)<sup>95</sup>:
- Working with schools and farmers to develop and promote an expanded curriculum of opportunities for school tours to farms and for farmer visits to schools, maintaining a list of available farmers, and acting as a clearinghouse or coordinating link between schools and farmers;
- Expanding participation in WIC & Seniors Farmers Market Nutrition Program as Certified Farmer Vendors. In 2014, four \$5 vouchers were available for each eligible WIC/Senior participant to use June through November to redeem for fresh fruits, vegetables and herbs grown by local farmers. <sup>96</sup> In 2014, 20 Gloucester County farms and farm markets participated in the WIC & Seniors FMNP. <sup>97</sup>
- Implementing a permanent signage program on a municipal or county level to supplement the NJDOT Tourist Oriented Destination Signage (TODS) program that alerts and direct tourists and local residents to agritourism destinations to help increase business and income for these farming establishments, informing farmers of the availability of these programs and encouraging participation; and
- Exploring growth in other sections of agritourism such as hunting, fishing and trapping. Often farmers do not charge for these privileges, if they offer them, perhaps, in part because of liability issues. Liability also has become an issue for petting zoos, causing some farmers in other areas to repurpose to "looking zoos" to avoid the safety and health issues that can ensue from interaction between farm animals and visitors. If the Limited Liability protection mentioned above were enacted, farmers might feel freer to generate income from these activities.

Potential challenges to successful expansion of agritourism in Gloucester County include:

- Impediments to farmers making long-term investments in crop diversification (such as the unavailability of long-term leases for farmers who rent rather than own the land);
- Market saturation (too many farmers engaged in any given type of agritourism could cause profitability for individual farmers to fail, even as it contributed more dollars to the overall agricultural sector); and
- Lack of recognition for agriculture in regulations and master plans, including municipal, federal or state regulations that make it difficult or expensive for

farmers to participate, such as requiring food products to be processed in federally licensed kitchens or slaughterhouses.

Farmers with direct sales or agritourism activities can post their listings in the following online resources: Localharvest.org (CSAs), NOFANJ (organic and sustainable), VisitFarms.org, NJDA websites (Jersey Fresh, Jersey Grown, Made with Jersey Fresh), Gloucester County (Things to Do). Farmers who want to learn more about running an agritourism operation can start with the resources available from the Rutgers Sustainable Farming on the Urban Fringe website. Agritourism resources include information on selecting a venture, writing a business, marketing and risk management plans, the Right to Farm Act and Agricultural Management Practices. Additionally, the RNJAESCE has publications available on its website on specific agritourism topics such as how to budget for a corn maze<sup>99</sup>.

# **General Strategies**

"Many different agencies, councils and organizations, working through a variety of programs, have the common goal of assisting New Jersey's agricultural community," according to the 2011 Economic Development Strategies. "Strengthened communication and coordination between agencies and programs can result in multiple benefits for the agricultural community. In 2011 the Department will continue working on broad strategies and reaching out to better coordinate efforts with other agencies...to ensure the economic viability of the state's agricultural industry." Two areas of focus were called out: Farmland Assessment and Crop Insurance and Technical Assistance; and Export Development.

A summary of Farmland Assessment and Crop Insurance and Technical Assistance strategies and accomplishments follows:

- Farmland Assessment 2011 strategy: updating documentation, supporting farmers in filling out applications and supporting tax assessors in determining farmer eligibility; in 2014, the NJDA's Farmland Assessment page includes an overview dated June 2014, guidelines outlining changes beginning in tax year 2015 and information on productivity values for use in tax year 2014 100);
- Crop Insurance 2011 strategy: implementing an education initiative in partnership with Risk Management Agency, USDA and Rutgers Cooperative Extension to increase knowledge and skills among farmers and improve their financial health; in 2014, the NJDA's Marketing and Development Agricultural Economic Development Services page <sup>101</sup> includes a section on Risk Management and Crop Insurance;
- Technical Assistance 2011 strategy: offering assistance concerning the New Jersey Uniform Construction Code as it relates to farm buildings and the Real Property Appraisal Manual, Farm Building Section; in 2014, the NJDA's Marketing and Development Agricultural Economic Development Services page includes a Farm Building Construction; Real Property Appraisal Manual, Farm Building Section;
- Recycling and Food 2011 strategy: increasing participation in agricultural plastics recycling programs and assisting food processing industry in finding

- markets for soon-to-expire and expired foods; in 2014, the NJDA's Marketing and Development Agricultural Economic Development Services page includes a section on Recycling for Agriculture;
- Motor Vehicle Requirements 2011 strategy: providing information about regulations, license plates for farm vehicles and other vehicle related provisions through a user friendly website in 2014, the NJDA's Marketing and Development Agricultural Economic Development Services page includes a section on Motor Vehicle Regulations for Agriculture; and
- Financing 2011 strategy: providing information on federal, state and commercial lending institutions financing for agricultural loans; in 2014, the NJDA's Marketing and Development Agricultural Economic Development Services page includes a section on Agriculture Credit and Finance.

The NJDA's Agricultural Economic Development Services also includes information and links on other related topics.

Export development included providing export education and promoting Food Export USA – Northeast to New Jersey's fresh and processed food industries. Supporting this strategy, Gloucester County plans develop deepwater port facilities in Paulsboro, the first new marine terminal facility on the Delaware River in more than 50 years, which "will accommodate a range of export, import and domestic products and boast one day delivery to 100 million consumers." <sup>102</sup>

A major role that the CADB and the OLP can play, working together with other County or local agencies involved with the business of agriculture, is to make sure that messages about the availability of tools for helping farmers with the business of agriculture, such as those outlined above, reach the farmers.

# Agricultural Industry Retention, Expansion and Recruitment Strategies

### Institutional

# **Farmer Support**

Farmers at all levels can benefit from support – from the experienced farmer who owns a multigenerational farm and is concerned about farm succession, to a tenant farmer who seeks ways to maximize his profitability, to a young would-be farmer looking for guidance on how to break into agribusiness. A variety of resources exist at the state level, published on the State Agriculture Development Committee (SADC) website. One such program, *Farm Link*, <sup>103</sup> serves as a resource and referral center for new farmers, farmers seeking access to land and farming opportunities, landowners seeking farmers, and farmers working on estate and farm transfer plans.

The linking service lists farmland for lease, partnership and farm manager opportunities, preserved farms for sale (including auctions of preserved farms), and other farming opportunities. According to Dave Kimmel, 104 who oversees the program, the site has led

to several matches, and feedback from participants if that they receive many inquiries as a result of their online listings.

Two of the newer resources available to farmers through the SADC are a New Jersey Farmland Leasing Guidebook <sup>105</sup>, created as part of a Beginning Farmer grant project <sup>106</sup> and a New Jersey Agricultural Mediation Program Handbook, subtitled "A Guide for Farmers, Neighbors and Municipalities." <sup>107</sup> The SADC in concert with the Northeast Organic Farming Association of New Jersey also held a leasing networking session for landowners and farmers in July 2014.

In addition, the state, RNJAESCE and supply companies, such as fertilizer and pesticide merchandisers, provide other often-seasonal workshops for farmers, keeping them up-to-date on various issues related to the agricultural community. For example, the Rutgers New Jersey Agricultural Experiment Station delivers three days of concurrent session, educational sessions at the State Agricultural Convention held each February. Sessions cover many diverse aspects related to commercial agriculture production and marketing.

Another opportunity is the New Jersey Agricultural Society's New Jersey Agricultural Leadership Development Program (NJALDP), administrated by Burlington County College. NJALDP is "a two-year professional development opportunity, which is designed specifically for individuals in farming and agribusiness to become informed, articulate leaders." Through a series of seminars and domestic learning experiences, NJALDP participants explore various agricultural topics, debate key issues, sharpen communications skills, particularly public speaking, and establish and cultivate an extensive agricultural network throughout the State.

An education experience for youth is the School Gardens initiative funded by Team Nutrition Training mini-grants provided by the U.S. Department of Agriculture, the New Jersey Department of Agriculture and Grow Healthy — a program of the RNJAES Cooperative Extension. Three Gloucester County schools – Aura School, Elk Township; West End Elementary School, Woodbury; and Archbishop Damiano School, St. John of God, Westville – participate. It's a hands-on way to educate children about the importance of farming. "We promote teamwork through learning," said Jill Getsinger, a fifth-grade teacher at Aura. "This is literally a community that is surrounded by farms, so here they have gotten to know what the farmer actually does, as well as the economic aspect. We tie it into all aspects of learning." (NJ.com) Expanding this program to more schools in Gloucester County would be a great way to increase the awareness of both students and their parents about the benefits and value of the agricultural industry in the County.

According to the RNJAESCE, Gloucester County, Grow Healthy is a way to:

- Help children eat more fruits and vegetables;
- Offer nutrition education, physical activity, gardening & agriculture programs to students, families, and staff;
- Connect with local farms;
- Serve more local foods; and
- Offer farm-to-school & nutrition trainings for foodservice staff. <sup>110</sup> (RNJAESCE)

# Marketing / Advertising / Public Relations Support

Marketing and advertising are critical to profitability. Some County farmers do opt to use paid advertising in local newspapers, but many, particularly those with the smaller farms, hesitate to consider advertising, believing that the cost outweighs the benefits. They prefer to take advantage of free or less costly opportunities to market their product, such as state, regional and County public and promotional websites that will "advertise" the product. Several embrace the opportunities of direct marketing, from roadside stands and from their own websites. A few also participate in community markets in other counties, such as the Collingswood market in Camden County, and across the river in Pennsylvania.

The OLP, the RNJAESCE and the state can help by communicating to farmers the availability of various free promotional channels such as the *Jersey Fresh*, *Jersey Bred*, *Jersey Grown* and *Jersey Equine* websites, Visit NJ Farms website, <sup>111</sup> the South Jersey Tourism Council website, <sup>112</sup> and the Gloucester County Department of Economic Development "Visitors" web page.

For those farmers who want to consider paid advertising or garner free media coverage, Web resources can help with the planning. For example, the New Jersey State Horticultural Society website publishes ad rates for its quarterly newsletter, *Horticultural News*. Another website, for CISA (Community Involved in Sustaining Agriculture) a nonprofit organization in Western Massachusetts, offers a Basic Marketing Practices manual, and the Agricultural Marketing Resource Center devotes an entire section to promotion, including Web promotion, advertising, publicity and promotional materials.

*Signage.* Signage promotes visibility and awareness of agriculture in general, as well as benefiting the individual farmers.

Municipal considerations of the farmers' needs when drafting their sign ordinances can be helpful in supporting farmers' efforts to promote their products. Farmstands are often seasonal businesses that need to capture potential sales at harvest time. Signs that give directions to the farmstand and let customers know what's available are vitally important. Gloucester County municipalities where agriculture is a significant component can review their ordinances to ensure they make allowances for farm signage. Having farm friendly ordinances in place can make it easier for farmers to promote their products and can minimize right-to-farm complaints in cases where farmers run up against opposition to their signage, whether from neighboring residents or municipal officials. Farm signage also can benefit the municipality by drawing more visitors, and thus more dollars, to the area, benefiting other business in the community as well as the farmer.

For farmers who qualify for the *Jersey* series of marketing programs, signage is available ranging from free price cards to banners and stickers, hats and T-shirts. *Jersey Fresh* point-of-sale signs and other materials, both free and fee-based, can be ordered using the point-of-purchase application on the NJDA's Marketing and Development Jersey Fresh

page. Information on how to participate in the *Jersey Fresh* program is also included on this page. <sup>116</sup>

*Getting the Word Out.* The County and the RNJAESCE can play helpful roles in "getting the word out" about agricultural activities and opportunities. Examples include:

- Press releases from the Gloucester County Board of Chosen Freeholders such as the June 2007 release about the availability of food vouchers to eligible seniors for use at 24 participating farm markets<sup>117</sup>;
- Development of media contacts at local and online "papers," and follow-up with those contacts to encourage publication of the information;
- The RNJAESCE currently distributes press releases to a media list and publishes them to its website and via a Facebook page titled "Rutgers Agricultural and Environmental Agents";
- The OLP and the Freeholders can work with the County Office of Public Information to promote press releases to the media and post them on the County website;
- Email newsletter titled "Gloucester County Agriculture Updates";
- Listings on the RNJAESCE and Gloucester County websites; and
- Distribution of information to the various state agencies, such as the SADC *Jersey* listings, the visitnj.org calendar of events and the Visit NJ Farms website.

# **Community Supported Agriculture (CSA)**

The Board of Freeholders, CADB, OLP and RNJAESCE can work to publicize CSA, a concept that has not been widely adopted in Gloucester County, through educational media, or a workshop led by a current CSA farmer or farmers. According to the University of Massachusetts extension "CSA is a partnership of mutual commitment between a farm and a community of supporters which provides a direct link between the production and consumption of food. Supporters cover a farm's yearly operating budget by purchasing a share of the season's harvest." Additional advantages of CSA include time efficiency, eliminating or minimizing labor and transportation costs of selling at community markets, or the time and labor of running a farmstand. A CSA farmer can control scheduling of pick-ups to utilize existing farm personnel in labor downtimes (e.g. family members, one day a week, etc.).

The Freeholders, CADB, OLP and RNJAESCE also can consider encouraging southern New Jersey counties to create an organization similar to The Foodshed Alliance (FSA). The FSA is a grassroots, nonprofit group devoted to "promoting sustainable farming and locally grown, fresh, healthy food in northern New Jersey." The FSA closely links the health of land and communities with the existence of local farms, believing that farmers are the key in connecting people with "food, the land, and our sense of place." These tenets foster a "self-sustaining "food shed" that supports farmers, nourishes people, respects the land, and strengthens communities." (Foodshed Alliance)<sup>118</sup> Gloucester County farmers could benefit from such an organization, which can help connect them with local food establishments and with the consumer through an event such as an Annual Food and Farm Open house held in early fall.

# **Agricultural Education and Market Research Coordination**

The Freeholders, CADB and OLP are aware of the need for farmers to keep up to date with the latest information on agricultural practices and new market opportunities, as they strive to maximize their profitability and achieve their farming goals. Ways these organizations can help include:

- Coordinate with RNJAESCE and NJDA to research and market agricultural education; and
- Seek grants to fund farmer education.

According to the Rutgers NJAES website *Jersey Fresh* Information Exchange, <sup>119</sup> the organization launched an innovative produce distribution and merchandising pilot project in 2004 to help New Jersey farmers get their products into new retail locations, such as white-table restaurants and grocery chains. The farmers were supported through innovative marketing efforts – including the Information Exchange website. The RNJAESCE of Gloucester County, Freeholders, CADB and OLP could join hands in an attempt to activate a similar program that would include Gloucester County growers, food outlets and restaurants.

The NJAES website offers a wealth of additional information relating to animal agriculture, farm management and safety, pest management, plant agriculture and other elements of interest to those involved in commercial agriculture. The Gloucester County RNJAESCE traditionally has been a sponsor of workshops, often funded through grants secured by the RNJAESCE, and a helpful resource for local farmers in many other ways.

# Rutgers School of Environmental and Biological Sciences

The Freeholders, CADB and OLP can touch base periodically with Rutgers regarding any opportunities for farm research, test/experimental projects that might be appropriate for County farms. The RNJAESCE in Gloucester County can keep farmers abreast, through the email newsletter *Gloucester County Agriculture Updates* and the RNJAESCE website http://events.rutgers.edu/njaes, of any upcoming special workshops or information or appropriate continuing education curriculum. The Freeholders also can issue press releases and publish information on the County website about these opportunities.

#### Other

The Freeholders, CADB and OLP can reach out to Rowan College at Gloucester County regarding the feasibility of introducing agricultural curriculum, adding continuing education workshops/courses for County agricultural operators or serving as a host location or sponsor, perhaps in concert with RNJAESCE to keep farmers up to date on best practices, new technologies, and market trends. The suggestion of an agricultural curriculum has been included in the 2010 Addendum to the *Gloucester County Comprehensive Economic Development Strategy (CEDS) Project Inventory*, which lists working with Gloucester County College to 1) establish a food science and food

processing technology program, which "would complement the County's agricultural and food processing industries and help ensure sustainability" and 2) create an Equine Science Associate Degree Program, which would "support agritourism and broaden the base of the agricultural industry."

Another proposed project is to invest in partnerships with the Rutgers Food Innovation Center, which "has the potential to benefit the food processing industry throughout the South Jersey Region." In 2012, Gloucester County received a Food Processing Top Five Award of Excellence from Expansion Solutions magazine. On the awards page, the Gloucester County Department of Economic Development indicated that "A top area of growth is in the Food Manufacturing/Processing sector of the county's economy. Agriculture has always been a tradition in Gloucester County so it is no surprise there are more than 100 producing farms that have facilitated the organic growth of the food manufacturing industry. The food industry continues to developed and progress making Gloucester County the hub of food processing in the South Jersey region. As the concentration of food manufacturing companies in the County grows, so does the focus on education and workforce training. From Food Science and Logistics degree programs, to innovative food research and safety-based training, Gloucester County offers a wide range of employee training programs customized to the needs of the employer." 121

# **Businesses**

# **Input Suppliers and Services**

Gloucester County farmers obtain farm supplies from a number of sources in and near the County. The RNJAESCE in Salem County has compiled a list of service providers for the agricultural community, which it publishes in the "Green Pages" section of its website. 122 The listings for Gloucester and nearby counties are included in *Appendix A. Agricultural Support and Services in Gloucester County*.

Seed and chemicals – For seed supplies, many farmers use Seigers, in Mickleton; Stokes Seed in Vineland, Cumberland County; Harris Seed Company in Maryland and others. For fertilizers, there is Growmark in Swedesboro and Bridgeton, Plant Food Company based out of Cranbury, NJ, the South Jersey Farmers Exchange in Woodstown, Salem County and other suppliers. Two major chemical companies that deal with fertilizers, pesticides, seed and crop consulting are Helena Chemicals in Woodstown and Crop Production Services in Vineland and Hammonton. Lee Rain, just over the County border in Vineland, Cumberland County, and Elmer, Salem County, has a large sales force that services irrigation needs.

For *equipment and repairs*, Peach Country Ford Tractor in Glassboro supplies most of the nursery and tree fruit industry. For equipment sales, Central Jersey Equipment, a major John Deere dealer in Elmer, Salem County, NJ and Farm Rite, a Case International dealer in Shilo, Cumberland County, NJ are the top vendors. Most farmers do their own minor repairs and maintenance, but if it's something they cannot handle, the dealers are fairly close by. (*Michelle Infante-Casella*)

Feed and hay supplies for *livestock and equine* often come from the farm itself or from other farms in the County. Possible retail suppliers include Garoppo's Feed & Animal Supply in Newfield, Horse'n Around Tack Shop in Sewell and Tractor Supply in Turnersville and Woodstown. On the Salem RNJAESCE Green Pages, one large animal vet is listed for Gloucester County, in Mickleton, two in Woodstown, Salem County, and three more in Alloway, Penns Grove and Norma, Salem County.

Two Gloucester County operations are listed on the *Jersey Grown* website as certified suppliers of nursery product and the New Jersey Nursery & Landscape Association's Find a Member search option lists 14 growers, nurseries, landscapers and related establishments in Gloucester County.

#### **Product Distributors and Processors**

Field and forage crops – Hay and other forage crops are generally sold locally, to other farms and equine operations, to landscapers, nurseries and farmstands as baled straw, or kept for the farmer's own livestock and other uses. About 80% of the hay that's grown in the County stays in the County; the rest goes to neighboring counties, except for a small amount of round bales, which go to Kennett Square in Pennsylvania for mushroom compost. Most farmers sell directly from the farm.

The large growers of grain crops such as corn and soybeans contract to price with Perdue, trucking their product to a drop-off station in Bridgeton, Cumberland County. Operations with a larger inventory of livestock, of which there are five in the County, generally grow their own feed, but some grain crops are also sold locally to small farmers with a few animals. (*Michelle Infante-Casella*)<sup>123</sup>

**Produce** – One farmer in the County has a processing operation, and a commercial operation for processing peppers, one of the largest crops, is located in Swedesboro, but the majority of the product goes to the Vineland Produce Auction in Cumberland County for processing and marketing. Approximately 20% of produce is transported to brokers at the Philadelphia Terminal Market; and a small percentage (5% to 8%) is sent to the Bronx Terminal in New York. Several growers ship and market their own produce up and down the East Coast, sending out wholesale tractor-trailer loads of product to large chain stores, and one or two work with East Coast Growers in Cumberland County, which markets as far away as Kansas. At least one grower, Wm. Schober Sons, retails product at four community markets; Collingswood, Margate City and Ocean City, NJ, and Lansdowne, PA, plus their home market in Monroeville. <sup>124</sup> There is also a freezing house, Seabrook Brothers, in Salem County. (*Michelle Infante-Casella*) Some of the larger peach growers belong to the New Jersey Peach Promotion Council, which helps connect buyers and merchandisers with growers and shippers. Several have hydrocooled storage facilities and ship directly to buyers. <sup>125</sup>

Livestock – The Cowtown Auction, in Pilesgrove, Salem County closed several years ago, leaving Harker's Auction in Tabernacle (small livestock every Saturday and horse sales third Fridays) and the Livestock Cooperative Auction Market in Hackettstown,

Morris County, as the only remaining livestock auctions in the state; there are several livestock auction markets in Maryland and Pennsylvania.

# **Anticipated Agricultural Trends**

#### **Product Demand**

From a historical perspective, livestock sales, at \$5.38 million in 2012, have declined below their 2007 level of \$5.84 million but well above 2002 (\$4.05 million) and 1987 (\$4.07 million) levels. Crop sales, too, fell between 2007 and 2012, from \$88 million to \$82.3 million, but this is still well above sales in years prior to 2007 (e.g., \$62 million in 2002). Nursery/greenhouse, vegetables and fruit subsectors remain the three highest subsectors of crop sales, with nursery/greenhouse and vegetable sales well above 1992 levels. After peaking in 2007, fruit sales have declined below 1992 levels, tracking with loss in acreage devoted to fruit production, although Gloucester County remains first in peach production in the state. Looking forward, the nursery and vegetables sectors of the agricultural industry should continue to be healthy and viable sectors since they serve the needs of the burgeoning population of homes and businesses in the greater Philadelphia metropolitan area and in the State of New Jersey that make use of these products and services.

Value-added products can bring additional income to farms involved in direct marketing through farmstands and websites. Direct marketers can capitalize on the advantages of selling at retail rather than wholesale, selling from their own location rather than having to pay transport costs, and of generating additional income by developing value-added products such as pies, cheeses, jams, honey, and other products that serve the increasing numbers of customers who want the advantages of ready-made and the appeal of items "home-made" by someone else.

If biofuel processing becomes a reality in New Jersey, this should serve the County well, since it would serve as an additional outlet for the grain sector.

While overall agricultural acreage has declined, acres harvested and yields for hay and haylage have risen since 1997. Perhaps this is because it is a permanent, low-intensity crop that requires little in the way of fertilizers or irrigation. Growers may find additional outlets in the nursery sector and in the growing equine sector. The continuing expansion of DREAM Park can also bring economic benefits not only to the agricultural sector but to overall tourism in the County.

The livestock sector has seen declines in overall inventory numbers and while sheep and goat inventory rose in 2002 and 2007 respectively, they have since declined. While there appeared to be interest in angora and milk goats, with their numbers peaking in 2007, inventories had fallen in 2012 to below 2002 levels. Sheep and goats can offer the advantages of value-added marketing opportunities, in the form of goat cheese and products made from sheep's wool, but meat goats predominate in Gloucester County and may continue to, given a rise in demand in New Jersey due to the growing ethnic populations. Another avenue for diversifying in this sector is to look into exotic animals, which are marketable from an agritourism perspective as part of "looking" or "petting"

zoos and whose byproducts, such as alpaca fur, can provide value-added direct marketing products, e.g., the sheared wool itself or clothing and other products made from that wool.

Increased demand for organic products may encourage farmers to adopt more natural farming methods. Since federal certification requires a three-year commitment, many farmers may lean toward "natural" farming methods for food crops and for livestock, such as grass-fed beef raised without hormones or antibiotics.

Another avenue to explore is to determine the viability of increasing wine production in the County to supply the state's growing wine industry, and to capitalize on opportunities for agritourism through wine tastings and other special events.

Other avenues to explore include:

- Changing the Farm Operation's Mix of Products
   Consider using FINPACK <sup>126</sup>, a computer program that allows the operator to enter his/her production and expense data, then try various alternatives to achieve more profitability; many participants are surprised that what previously appeared to be the logical choice is not the most effective; some have saved thousands of dollars by acting on the analysis. The County could seek funding to underwrite the cost of a one- or two-day workshop for up to eight farmers, which could be hosted at the Gloucester County RNJAESCE complex. Contact: Dave Lee, Salem County RNJAESCE, 856-769-0090.
  - Consider new crop opportunities being promoted/researched by the NJDA, the Rutgers New Jersey Agricultural Experiment Station and the New Jersey Farm Bureau: hops, tree nut crops, organic or low input produce or meat products, aquaculture, biotechnical and pharmaceutical use of farm products or animals (this concept could be introduced to the Department of Economic Development), and ethanol production (the construction of an ethanol plant in New Jersey is being actively pursued by a working group that includes the state and the Farm Bureau and is a project being considered by the County Department of Economic Development in their 2010 Addendum, An Update to Gloucester County Comprehensive Economic Development Strategies).
- Value-adding
  - o Marketing livestock as dressed meat on a retail basis; and
  - o Fresh herbs, sold at retail, in bunches or as potted plants.
- Economic Development through Preservation Selling a development right is cashing in a non-performing asset which can create new options for the farm, including transferring property to the next generation, creating new markets, improving the existing operation, or expanding into new ones; a farmer might, for example, use the money from the sale of easements to carry the farm through the three-year period needed to certify for organic production; or a farmer might use the funds to change a dairy operation to grass-fed, increase vegetable production or build a farmstand for direct marketing.

Agricultural Enterprise District (AED) – This concept began in Cumberland County and is included in the Cumberland County Farmland Preservation Plan as a potential preservation mechanism. Modeled after Urban Enterprise Zones, the AED would provide economic development advantages, particularly to preserved farms and uses taxes from farmland assessed land to seed the formation of an economic development corporation and development of a program. It can be created by a County or a municipality and is designed by farmers, run by farmers, and provides a mechanism to do specially conceived agricultural economic development. The list of resources and benefits is developed through the identification of needs by the full agricultural community. A regional partnership (Tri-County Agriculture Retention Partnership) had proposed to undertake a Pilot Agricultural Enterprise District (PAED) project whose goal is to encourage the State of New Jersey Legislature and Governor to enact legislation creating a PAED designed to retain and enhance the agricultural economy and resources, farmland and farmers in Gloucester, Salem and Cumberland Counties. 127 The PAED concept has been formally supported by the Cumberland and Salem CADBs and Boards of Agriculture. However, the Gloucester CADB passed a resolution not to endorse the PAED, which it felt was too conceptual as presented, but does not dismiss it as a possibility for the future, with further consideration given to administrative and management issues of staffing, funding of the oversight organization(s). 128

#### Market Location

From a market location perspective Gloucester County is in a strong position. From April 2000 to April 2010, it had the highest percentage of population growth in the state: 13.2%, versus a state rate of 4.5% (estimates project a County growth rate of 0.7% between April 2010 and April 2013 versus 1.2% for the state). It is considered part of the metropolitan Philadelphia area and has a median annual household income for the period 2008-2012 of \$74,915, higher than the state median of \$71,637; <sup>129</sup> yet, according to Freeholder Director Robert Damminger, it has a cost of living lower than most major metro areas and "as a top producer of peaches, and a leader in agricultural food sales in the state, Gloucester County remains true to its agricultural roots." Plans are afoot to develop deepwater port facilities in Paulsboro, the first new marine terminal facility on the Delaware River in more than 50 years, which "will accommodate a range of export, import and domestic products and boast one day delivery to 100 million consumers." An added strategy is to expand the infrastructure to enhance water to land freight transfer. This could certainly aid the agricultural sector by opening up alternative outlets through expanding transportation alternatives for shipping products.

# **Agricultural Support Needs**

The American Farmland Trust considers a full time agricultural economic development effort within a farmland preservation program essential to ensure the viability of farm operations into the future, finding ways to assist farmers to diversify, change crops, develop business plans and help them incorporate new or value-added crops and direct marketing, encouraging the continued development of agritourism and focusing on ways

to reduce the costs of production. Fortunately, in New Jersey the state and the RNJAES are actively involved in this process and, often times, the role of the Freeholders, CADB and OLP may be to find ways to bring farmers together with resources, to get out the word that help and alternatives are available.

# Agricultural Facilities and Infrastructure

The infrastructure the farmers may need most is on the regulatory and technical assistance side: municipalities, residents and consumers that look favorably on agriculture and understand the economic and quality of life advantages it brings to the County; municipal support through flexible land use regulations and ordinances that take into consideration the special needs of the agricultural operations; and help with financial and planning matters through workshops and other educational and counseling services provided by the state, RNJAESCE, CADB and federal government. One avenue that could be pursued by the Gloucester County Department of Economic Development is to consider the possibility of agricultural suppliers to the Life Sciences Industry, a sector that the County is trying to attract through the development of technology and business parks (CEDS Project Inventory). Another issue of utmost importance to the viability of agriculture in the County is for government at all levels to work together to find solutions that will ensure adequate water resources to meet the needs of County farmers now and in the future.

# Flexible Land Use Regulations

State level – The 2006 Agricultural Smart Growth Plan for New Jersey, prepared by the NJDA, identified flexibility in government regulation as an important component relative to farm viability. (Agricultural Smart Growth Plan 2006) The state has introduced or is working on several new regulatory tools to help farmers, including the Cluster Development Bill signed into law in August 2013, with enhanced provisions for the use of contiguous and noncontiguous clustering and lot-size averaging for farmland, open space and historic preservation; an Agricultural Management Practice for On-Farm Direct Marketing Facilities, Activities and Events; and Revised Right to Farm Procedural Rules effective April 7, 2014; rules that allow the installation of solar energy systems on commercial farms, effective August 15, 2011, and on preserved farmland effective June 3, 2013; and proposed rules for wind energy generation on preserved farms that are currently under review; plus, a pilot program, signed into law in July 2014, to allow wineries on preserved farms to conduct special occasion events under certain conditions as defined by the governing CADB. The Gloucester County agriculture community, working with the NJDA, and through advocacy groups such as the New Jersey Farm Bureau and Gloucester County Board of Agriculture, can ensure regulatory flexibility to the greatest extent possible.

Examples where regulatory flexibility is important are the New Jersey Department of Environmental Protection's Freshwater Wetlands Protection Act Rules (N.J.A.C. 7:7A-et. seq.), which grant exemptions for agricultural activities, and the Flood Hazard Area Control Act Rules (N.J.A.C. 7:13), most recently amended in January 2013, which now include numerous agricultural permits-by rule for the following agricultural activities: continuing ongoing agricultural activities that result in no fill, commencing new

agricultural activities that result in no fill, undertaking soil conservation practices outside a floodway, and constructing an agricultural building of no more than 1,000 square feet outside a floodway; and seven general permits, which allow the continuation of agriculture activities, including soil erosion control, bank stabilization or bank restoration; channel cleaning, constructing a roadway across a water, filling a manmade water for freshwater wetlands restoration, creating a ford across a water to manage livestock, constructing a fence across or along a water to manage livestock, and constructing a pump or water intake along a water for livestock, in otherwise regulated areas. <sup>131</sup>

Municipal level – The County can work with local municipalities toward understanding the importance of agriculture to the economy of the County and the importance of an agriculture-friendly environment at the municipal level in support of the agricultural sector of the community. Right to Farm, accommodations for agricultural vehicle movement, and building an awareness of and provisions supportive of agriculture into municipal master plans and zoning ordinances go a long way towards the kind of support agriculture needs in order to be an economically viable sector. Those communities that could benefit from Right to Farm ordinances but do not yet have them in place can be encouraged to do so.

Other areas where municipal sensitivity to the land use needs of agriculture can be helpful include consideration of the following issues when creating municipal ordinances and regulations:

- Setting specific buffer standards for non-farm development adjacent to working farms that help to limit trespassing and littering and also protect the residential landowner from dust and spray materials spread during farming activities, thus minimizing potential Right to Farm conflicts;
- Code or ordinance provisions requiring developers to notify purchasers of the proximate existence of active agriculture;
- Exemptions for certain farm structures from building height restrictions;
- Allowing additional principal dwelling units on farms in order to meet the needs of farmers for additional housing for their children or for farm managers;
- Exemptions from setback requirements when farmers seek to expand an existing nonconforming structure;
- Flexible fencing ordinances that make allowances for types of fencing on farms that might not be desirable in residential zones, in consideration of the farmers' needs to prevent wildlife damage; and
- Construction fee reduction for agricultural buildings.

Planning and zoning to maintain and enhance agricultural viability is critical to preserving both farmland and agricultural operations. Toward this end, the SADC website includes a link to a checklist communities can use to rate themselves, called "Is Your Town Farm Friendly?", developed by The New Hampshire Coalition for Sustaining Agriculture and the University of New Hampshire Cooperative Extension. <sup>132</sup>

# Agriculture Representation in Economic Development Organizations

The following Gloucester County organizations deal with issues of economic development:

- Gloucester County Board of Freeholders the Board has recognized that agriculture remains a major industry in the County and that the window to preserve this way of life is rapidly closing. Freeholder Robert J. DiMarco is the Freeholder liaison to the CADB and oversees the Office of Land Preservation, Agriculture Development Board and the Rutgers Cooperative Extension Services, which includes 4-H Youth Development Programs, Agriculture and Resource Management, Family and Community Health Sciences and Lawn and Garden Programs. Freeholder Director Robert Damminger is liaison to the DREAM Park equestrian center. "Our farmers want to farm," said Damminger in 2006, "they don't want to be bought out by developers. Our program allows our farmers to continue making Gloucester County the agricultural leader in New Jersey." In 2013, the County celebrated efforts that preserved farmland that had been approved for development of 154 homes. <sup>133</sup>
- Department of Economic Development The RNJAESCE is supporting the Visit NJ Farms website instead as a "one stop shop" source for farm visits. The Visitors page of the Gloucester County website includes a link to a Gloucester County Travel Guide brochure that includes both agritourism destinations and wineries; a "Things to Do" link that mentions a couple of farms that are open to visitors; and a link to the DREAM Park equestrian center website. 134 The Department also has a Comprehensive Economic Development Strategy (CEDS) that includes several projects targeted to support the agricultural sector, including investing in alternative energy development such as ethanol, supporting a food science and food processing technology program and an Equine Science Associate Degree Program at Rowan College at Gloucester County, investing in partnerships with the Rutgers Food Innovation Center (to benefit the food processing industry) and developing a port at Paulsboro. While there is no designated staff person at the Department (of Economic Development) with responsibility for economic development issues relating to agriculture, the Department coordinates with both the OLP and the RNJAESCE when addressing such issues (i.e., issues regarding the agricultural sector).

# **Agricultural Support Implementation**

Some suggestions for future agricultural support have been included throughout this Plan, including workshops and other educational opportunities at the state and County level that may require funding through the many grant opportunities available from state and federal programs. In addition, unlike in some other areas of New Jersey, Gloucester County farmers have access to a healthy amount of support services as sources of supply to their operations and as outlets for their product.

Economic development in Gloucester County as it relates to agricultural viability and visibility has been and will be affected mainly through coordination between the

Department of Economic Development and the RNJAESCE of Gloucester County, with input and inspiration from the County Board of Freeholders and the Office of Land Preservation. The Freeholders continue to be instrumental in the development of DREAM Park, an equestrian facility that brings visibility to this sector of the agricultural community. Several regional partnerships are working towards the preservation not only of agricultural lands but of agriculture as an industry. In addition, the County Department of Economic Development is clearly considering agricultural vitality and viability as one of its concerns and goals, as evidenced in the 2010 CEDS Addendum (An Update to the Comprehensive Economic Development Strategy), which states: "there is continuing interest in preserving the County's agricultural heritage and promoting agri-industries and agri-tourism." Table 25. 2010 Gloucester CEDS Project Inventory Agriculture Related Projects are proposed projects related to agriculture in the County:

Table 25. 2010 Gloucester CEDS Project Inventory 135 Agriculture Related Projects		
Proposed Project	Economic Benefits	
Invest in Alternative Energy Development such as ethanol, liquefied natural gas (LNG), and other clean energy options.	Clean energy options, including a new ethanol plant in Gloucester County would not only provide alternative energy, but would also be an investment in the agricultural economy that is so important to the County.	
Invest in the development of the DREAM Park – the Delaware River Equestrian Agricultural and Marine Park in Logan Township. [Opened in 2008 and expansion plans are continuing] Promote a Countywide Transfer of Development Rights Program.	The equine industry is a growing aspect of Gloucester County agriculture. An equine park would provide an outlet for tourists, breeders, and recreationalists to interact with the animals, trainers, and other professionals in the field.  A Countywide TDR Program would provide many opportunities to develop and redevelop the County while maintaining the County's historic landscapes and agricultural base.	
Continue to support and promote the new food science and food processing technology program at Gloucester County College [now Rowan College at Gloucester County].  Continue to support and promote the Equine Science Associate Degree Program at Gloucester County College.	Such a program would complement the County's agricultural and food processing industries and help ensure sustainability.  This project will enhance the College's support of agribusiness in the County.	
Invest in partnerships with the Rutgers Food Innovation Center.  Provide ongoing support for Farm Markets	The Rutgers Food Innovation Center has the potential to benefit the food processing industry throughout the South Jersey Region and enhance a traditional sector of the area's industrial base.  Promoting agritourism is one of the County's primary objectives and a way to build its tourism	
	base.	

# CHAPTER 7: NATURAL RESOURCE CONSERVATION



Preservation of farmland is the cornerstone of the New Jersey Department of Agriculture's (NJDA) Agricultural Smart Growth Plan, and the State and County's Farmland Preservation Program. However, there is more to farmland preservation than the retirement of development rights or the outright purchase of farms. One of the cornerstones of a successful, long term Farmland Preservation Program is the conservation of natural resources on farms, without which the long term sustainability and viability of New Jersey's preserved farmland would be in doubt. The Gloucester County Agriculture Development Board (CADB) and Office of Land Preservation (OLP) recognize the conservation of these natural resources as a long term goal, and a necessary part of farmland preservation. When monitoring preserved farms, the OLP takes advantage of the opportunity to discuss the importance of natural resource conservation and the organizations and programs available to help achieve this goal.

# **Natural Resource Protection Agencies**

There are numerous entities, both public and private, that administer, fund and provide technical guidance for Gloucester County farmers relative to natural resource conservation. These entities are in place to assist farmers with natural resource conservation issues and to assist in the management of the land and water upon which their farms depend.

### Natural Resources Conservation Service

An important partner in support of natural resource conservation for the agricultural community is the United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS). The NRCS "provides assistance to private land owners [including farmers] in the conservation and management of their soil, water, and other natural resources. Local, state and federal agencies and policymakers also rely on [its] expertise." The NRCS can provide technical assistance suited to the natural resource issues that are specific to a farmer's needs, with opportunities for cost shares and financial incentives in some cases. (Information for Farmers and Ranchers)<sup>136</sup>

The local NRCS office serving Gloucester and Salem Counties is located at 51 Cheney Road, Suite 2, Woodstown, and Salem County. Gloucester County farmers may contact this NRCS office for technical assistance with conservation issues. (*Table 26. NRCS Contact Information for Gloucester County*) NRCS personnel also will reach out directly

to landowners if they know of a farmer who is in need of assistance or can use the guidance of the NRCS staff.

The local NRCS office helps to prepare Conservation Plans for Gloucester County farmers. The Conservation Plan is a written record of management decisions and conservation practices planned for the farm and larger tracts of privately held property. After soil, water, air, plant and animal resources on the property are inventoried and evaluated, the NRCS Soil Conservationist will review several alternatives for the landowner's consideration. These Conservation Plans nearly always includes strategies to conserve soil and water, but also may include conservation practices for flora, fauna and clean air. If all five elements are included, they are referred to as Resource Management Plans (RMPs). The alternatives the landowner chooses to implement are recorded in the Plan. This written plan becomes a primary tool for better management of the natural resources on the property and can be used to direct the landowner to available programs, such as the Farm Bill Programs (see *Resource Protection Programs and Funding* below), designed to help implement conservation on private lands. (*Mona Peterson*) <sup>137</sup>

Within one year of selling their development easement, owners of preserved farms are required to enter into a Conservation Plan. A Conservation Plan is also required in order to apply for natural resource conservation programs such as EQIP (see *EQIP* below). The local NRCS office administers these conservation programs, which offer financial incentives to support conservation projects, including riparian buffers and wildlife habitat. Administration of these programs includes field visits to prepare the Conservation Plans, preparation of program contracts, assistance with installation of contract conservation practices, and inspection of farms to verify contract conservation practices are implemented and maintained. The Gloucester County Soil Conservation District approves all Conservation Plans, RMPs and program contracts. (*Mona Peterson*)

The phone number for the local NRCS office is 856-769-1126, x3. The District Conservationist is Mona Peterson, who can be reached at mona.peterson@nj.usda.gov. Ms. Peterson and her staff (*Table 26. NRCS Contact Information for Gloucester County*) can be contacted by Gloucester County farmers for assistance, and more information on the availability of NRCS programs in the County.

Table 26. NRCS Contact Information for Gloucester County		
Brown, Dan	SCD Agricultural Resource Specialist	856-769-1126 x242
Gooch, Mary	Program Assistant	856-769-1126 x251
Peterson, Mona	District Conservationist	856-769-1126 x233
Steager, Claire	Civil Engineering Technician	856-205-1225 x232
Stimpson, Bryan	Resource Conservationist	856-769-1126 x243
Torres, Uziel	Soil Conservationist	856-769-1126 x241

An additional resource for Gloucester County farmers is the "Field Office Technical Guide" (Guide), which is published by NRCS. It contains technical information detailing the development and implementation of soil, water, air, flora, and fauna resource conservation practices, and is used to develop conservation and resource management plans. Technical guides used in each field office are localized so that they apply specifically to the geographic area for which they are prepared. (*eFOTG*)<sup>138</sup> These conservation practices improve water and soil quality, improve plant condition, and in some instances can improve air quality. Conservation practices discussed in the Guide that are pertinent for, and used in, Gloucester County include:

- Riparian buffers, including necessary buffer widths and appropriate plant species;
- No till and minimum till practices;
- Prescribed grazing and pasture rotation;
- Grassed waterways;
- Nutrient management, including manure and fertilizers; and,
- Animal waste control, including heavy use area concrete protection pads, which keep animal waste off the ground, and animal waste storage facilities, both of which minimize manure contact with soils, groundwater and surface water.

# Gloucester County Soil Conservation District

An additional partner in the conservation of agricultural resources is the NJDA Division of Agricultural and Natural Resources. Among its responsibilities, the Division implements the Natural Resource Conservation Program administered by the State Soil Conservation Committee (SSCC), providing "engineering services and regulatory guidance to soil conservation districts, homeowners, engineers, planners and virtually all development activities." The Division provides technical standards applicable to sites regulated by the New Jersey Soil Erosion and Sediment Control Act program, and policies and procedures associated with the Stormwater Permitting program. Among its objectives are the protection of agricultural lands through farmland retention and productivity improvements; control and prevention of soil erosion and sedimentation on agricultural land; protection of water quality and control; and prevention of storm and flood water damages. (NJDA Agricultural and Natural Resources)<sup>139</sup>

The SSCC coordinates and supports the work of the state's 15 local soil conservation districts (SCDs), one of which is the Gloucester County SCD. The SSCC and its local districts are part of the New Jersey Conservation Partnership, which also includes the USDA Natural Resources Conservation Service (NRCS) and Rutgers New Jersey Agricultural Experiment Station Cooperative Extension (RNJAESCE). The Gloucester County SCD is charged with implementing natural resource conservation and assistance programs and services, which include agricultural conservation planning assistance, agricultural conservation cost-sharing programs, application of organic materials on agricultural land, agricultural water supply and management, soil erosion and sediment control, stormwater discharge authorization, and soil surveys. (NJDA Agricultural and Natural Resources)

The Gloucester SCD works with the NRCS, providing survey assistance, engineering design and plans. Components of three projects recently completed addressed animal

waste dry stacking, animal waste composting, grassed filter strips, storm water management and erosion control. The SCD provides administrative support to Conservation Assistance Program (CAP) employees in support of Federal Farm Bill Conservation Programs and the New Jersey Farmland Preservation Program, including the preparation and implementation of Conservation Plans. CAP is a joint venture with NJDA and USDA-NRCS. Its goal is to promote best management practices (BMPs) for soil erosion and sediment control, animal waste, nutrient management, water quality improvement and other natural resource management concerns. In addition, the SCD partners with the Rutgers New Jersey Agricultural Experiment Station, Cooperative Extension of Gloucester County (RNJAESCE) to provide agriculture and resource management programming. The SCD also provides conservation education and assistance to farmers and others in the form of workshops and seminars. (Gloucester County SCD 2010 Annual Report)<sup>140</sup>

Gloucester County farmers may approach this local SCD office (as well as the local NRCS office) with a Request for Assistance (RFA) to apply for funds from the State Conservation Cost Share Program and federal programs such as EQIP. If approved, the RFA is forwarded to the local NRCS office in Woodstown, Salem County, for processing. The administration of the RFA includes preparation of a Conservation Plan and program contract, as previously described. The Gloucester County SCD is involved in review of Conservation Plans and program contracts and must give final approval to both.

The Gloucester County SCD office is located at 14 Parke Place Blvd., Suite C, Sewell. The phone number is 856-589-5250, and the District Director is Victor DeVasto. He can be reached at <a href="mailto:victor-devasto@gloucesterscd.org">victor-devasto@gloucesterscd.org</a>. The SCD Agricultural Resource Specialist is Dan Brown, who is located at the NRCS Woodstown Service Center in Salem County and can be reached at 856-769-1126 x242 or <a href="mailto:dan.brown@nj.usda.gov">dan.brown@nj.usda.gov</a>.

Three issues of largest concern for Gloucester County are:

- Open space that's acquired but not managed or maintained; particularly when adjacent to farmlands, these overgrown lands can harbor wildlife that become a nuisance for farmers:
- Other development pressure, bringing more neighbors and thus more issues with neighbors, regarding dust, noise, trespassing on the farmers private property; and
- Water allocation many farmers have gone to drip irrigation or employ other conservation measures to reduce water usage, but increased pressures brought on by the water needs of new developments in combination with many of the farms being located in a state-designated critical area where water usage has been reduced, plus the increasing difficulty in getting water allocation permits at the DEP level, makes getting the water necessary to farm a serious issue for many Gloucester County farmers.<sup>141</sup>

(Victor DeVasto and Dan Brown)

# Rutgers New Jersey Agricultural Experiment Station, Cooperative Extension of Gloucester County

The Rutgers New Jersey Agricultural Experiment Station, Cooperative Extension (RNJAESCE) of Gloucester County, established in 1917, provides both field and technical research that is focused on best management practices (BMPs) for farmers, to ensure the long term viability of both the agricultural economy and the natural resources upon which it is based.

Relative to natural resource conservation, the RNJAESCE offers Agriculture and Natural Resource Management, under which RNJAESCE personnel implement programs, conduct research and offer technical assistance and education on the subjects of field crops, fruit, vegetables, nursery and landscaping, home horticulture and natural resources. (RNJAESCE)<sup>142</sup> Faculty and staff members offer programs that are, among other things, designed to promote sustainability and agricultural productivity and reduce environmental impact. Their goal is "to preserve farmland and farmers, as well as the natural resources they manage." In 2014, the RNJAESCE made 76 on-farm visits to assist commercial growers; held 28 professional education seminars attended by 1,575 farmers, horticulturalists and educators; and made 75 education presentations to 4,870 combined attendees. Cooperative research in 2014 focused on strawberry variety trials, natural controls for Brown Marmorated Stink Bug in fruit and vegetable crops, squash disease studies, pepper weevil monitoring and control, and pepper anthractnose surveys. The RNJAESCE also maintains active agriculture water certification files on Gloucester County farmers (Michelle Infante-Casella, RNJAESCE)

The RNJAESCE of Gloucester County is located in the Offices of Government Services, 1200 N. Delsea Drive, Clayton. Extension personnel in the Agricultural and Resource Management Agents Department include Michelle Infante-Casella, Agricultural Agent/Associate Professor, specializing in vegetable production, field crop production, agricultural marketing, and sustainable agriculture (also, the NJ State PDP Coordinator for the USDA Sustainable Agriculture Research and Education Program); Mary Cummings, Program Associate, working with home horticulture programs and master gardeners; and David Schmitt, Program Associate, with the fruit integrated pest management program. They may be contacted by email at gloucester@njaes.rutgers.edu or by phone at 856-307-6450 with any questions or concerns, or for information on educational programs or services. David Lee, of the Salem County RNJAESCE at 51 Cheney Road in Woodstown, provides assistance to Gloucester County in the areas of livestock and dairy. 143 He can be reached at 856-769-0090 or dlee@njaes.rutgers.edu.

# New Jersey Department of Environmental Protection

The New Jersey Department of Environmental Protection (NJDEP)'s State Forestry Services oversees the *Private Lands Management Program*. The aim of this program is to foster and ensure wise stewardship and management on 1.54 million acres of forest lands owned by 88,700 private landowners and the retention of these lands in contiguous and productive forests. (*Private Lands Management Program*)<sup>144</sup> This includes the private woodlands currently under Farmland Assessment, which totaled 391,697 acres in 2012. Many properties in Gloucester County that are farmland assessed include extensive

woodland tracts. Such tracts were added as "farm products" in the 1970s, but there are two classifications: appurtenant (or attached) woodlands and non-appurtenant (or unattached) woodlands. Requirements for non-appurtenant woodland tracts are listed in N.J.A.C. 18:15-2.10. Properties must be utilized by the farmer as a sustainable "product" and require Woodland Management Plans (WMPs) in order to qualify for reduced local property taxes accorded properties in the farmland tax assessment program. (Lynn Fleming, State Forester)<sup>145</sup>

The NJDEP's State Forestry, Bureau of Forest Management (BFM), reviews farmland assessment applications that include WMPs prepared for farmers by private consultants. The BFM maintains a list of foresters approved for this purpose. Once a WMP is in place, a Woodland Data Form (WD-1) must be submitted with the farmland assessment application yearly to certify compliance with the WMP. However, the NJDEP/BFM also is required to inspect each site once every three years to verify compliance. (*Lynn Fleming*) Since reduced local property taxes are often critical in keeping active agricultural lands economically viable, the NJDEP/BFM is an important partner for Gloucester County's farmland preservation efforts.

Non-appurtenant woodlands are woodland acreage on a farm over and above total farmed acreage (tilled and pasture). For example, if 50 acres of a farm are tilled or pastured, and there are 125 acres of woodlands on the farm, 75 acres of woodlands would be non-appurtenant (125 woodland acres minus 50 farmed acres). <sup>146</sup> (NJDEP) In Gloucester County in 2014 there were 10,189 acres of non-appurtenant (or unattached) woodland acres in farmland assessment (Lynn Fleming); this is more than double the 5,017 acres reported in 1990. <sup>147</sup> (Farmland Assessment Data)

Appurtenant woodlands are woodland acreage on a farm less than or equal to farmed acreage. In the preceding example, 50 of the 125 woodland acres would be appurtenant. Appurtenant woodland acres do not require a WMP to qualify for farmland assessment. Appurtenant (or attached) woodland acreage in farmland assessment has steadily declined since 1983, when there were 15,204 acres. By 2012, this had decreased to 7,688 acres. (Farmland Assessment Data)

The New Jersey Department of Environmental Protection's Endangered and Nongame Species Program administers the *Landowner Incentive Program* (LIP), whose intent was to improve habitat, habitat management, and habitat protection for threatened and endangered species on private lands, some of which are agricultural lands. LIP was established in New Jersey in 2004, but the last round of funding was in 2007; any outstanding contracts are expected to be completed in 2015 and as of 2014, there are no prospects of reauthorization or refunding by Congress. (*NJDEP*)<sup>148</sup>

# USDA/NJDEP Forest Service Forest Stewardship Program

The United States Forest Service sponsors the Forest Stewardship Program, administered locally by the NJDEP's State Forestry Services Bureau of Forest Management (BFM). The New Jersey Forest Stewardship Program (FSP) provides cost-share assistance for developing forest stewardship plans. As of June 2014, more than 1,600 landowners participate in the FSP, covering 130,000 acres of nonindustrial private forest lands. <sup>149</sup>

(NJDEP) This program supports landowners whose property has a FSP that recognizes and manages the wetlands, wildlife, aesthetics, soil and water in addition to the woodlands on the property. This program, when fully funded, offers landowners cost-share initiatives of up to 75% of the cost of a new or revised FSP to allow the landowners to fully follow the guidelines in their plan. (Forest Stewardship Program)<sup>150</sup>

In Gloucester County, as of 2014 there are 10,189 acres of farmland assessed woodlands on 246 different properties enrolled in the Forest Stewardship Program. This has increased since 2003, when there were 5,280 acres on 68 properties. (*Lynn Fleming*) According to David Finley, Regional Forester for the Southern Region of the New Jersey Forest Service, not everyone in the farmland assessment program chooses to go into the FSP, so there are woodland managed farms in Gloucester County outside the program. In addition, while most of the acreage in the FSP is non-appurtenant woodland, a few participating properties also have appurtenant woodland. (*David Finley*)<sup>151</sup>

# Private Nonprofit Groups and Local Community Support

To help preserve agriculture resources requires not only the broad support of state, county and local governments but also the help of private nonprofit groups and local citizens. Indeed, without their support, government programs and support for agriculture would fall short of what is needed to protect the natural resource base of the agricultural landscape. These organizations and individuals spend countless hours providing and sharing their expertise, as well as raising and contributing money. They are an invaluable asset for Gloucester County's agricultural community and landscape, including natural resource conservation and stewardship.

Gloucester County has the support of a variety of organizations, including the Gloucester County Board of Agriculture, New Jersey Farm Bureau, 4-H (including the annual 4-H Fair), and Future Farmers of America.

Local, regional and statewide nonprofit organizations also contribute to the permanent protection of farmland. These groups include The Land Conservancy of New Jersey, The Nature Conservancy, New Jersey Audubon Society, New Jersey Conservation Foundation, South Jersey Bayshore Coalition, South Jersey Land & Water Trust, and South Jersey Resource Conservation & Development Council.

#### Some regional initiatives include:

New Jersey Conservation Foundation (NJCF) initiatives include South Jersey's Tri-County Farm Belt, one of New Jersey's most valuable agricultural communities and one of the Delaware Bay's most fertile farm belts, located in Cumberland, Gloucester and Salem Counties. NJCF has received \$4.9 million in federal farmland preservation grants to protect this vital area. To date, with the support of state and federal farmland preservation funding, NJCF and its regional preservation partners have protected more than 2,500 acres of farmland in the Tri-County Farm Belt, where it is currently working to preserve some 800 additional acres of agricultural lands, including farms in the Oldmans and Raccoon Creek watersheds in Gloucester County, home to many working family farms. <sup>152</sup>

South Jersey Bayshore Coalition (SJBC) worked in concert with Rutgers University's Center for Remote Sensing & Spatial Analysis (CRSSA) to prepare an extensive environmental resource inventory of South Jersey Bayshore to help with land-use planning and protection strategies for the region's exceptional resources, including agricultural lands. SJBC is a group of 21 nonprofit organizations whose mission is to "preserve the cultural heritage and environmental integrity of the South Jersey Bayshore." Among its key issues are promoting sustainable agriculture industry, preserving wildlife habitat and protecting ground and surface water quality and quantity. (SJBC) 153

South Jersey Land & Water Trust (SJLWT) is contracted to implement the farmland preservation plan in Woolwich Township (two farms, 103 acres) and has worked on preservation projects in the farming communities of Gloucester County, including Deptford, West Deptford, South Harrison, Harrison and East Greenwich. SJLWT fields questions from individual residents as well as assisting state, county and local entities, such as environmental commissions, in open space planning, farmland preservation, acquisition and management. <sup>154</sup>

South Jersey Resource Conservation & Development Council, Inc. (SJRCDC) has set up a sophisticated water conservation program for farms and suburban users based on EvapoTranspiration values from a system of weather stations. SJRCDC is dedicated to promoting agricultural lands and creating wildlife habitats. It partners with agencies concerned with maintaining agricultural viability and agricultural land retention. <sup>155</sup>

The bi-state *Delaware Valley Regional Planning Commission (DVRPC)*, in addition to encompassing the County in its long range planning, has worked directly with various municipalities, including Deptford, East Harrison, Franklin, Harrison, Logan, Mantua Paulsboro Swedesboro, and Woolwich, to help them with farmland preservation, open space and conservation design initiatives. <sup>156</sup>

# Sustainable Agriculture

"Sustainable agriculture" can mean something different to every farmer in the agriculture community. The issue was first referenced in the 1990 Farm Bill, which defined it in terms of an integrated system of plant and animal practices having site-specific applications. Practices such as Integrated Pest Management (IPM), Rotational Grazing, Soil Conservation, Cover Crops, Planting Riparian Buffers, Management of Agriculture Impervious Cover, and Crop/Landscape Diversity are some methods to help farmers protect the quality of the environment and conserve the resources that sustain agriculture. A nationwide Sustainable Agriculture and Education Report points outs that "sustainable agriculture" is more than a set of prescribed practices," since a "key goal is to understand agriculture from an ecological perspective – in terms of nutrient and energy dynamics and interaction of plants, animals, insects and other organisms in agri-ecosystems, and then balance it with profit, community and consumer needs." (SARE 2003)

Sustainable agriculture is also grounded in the premise of creating an environment that is supportive of agriculture as an industry by blending:

- Value-added farming, through product diversity, both in terms of what is grown and how it is grown;
- Innovative marketing strategies, such as buy local programs and community supported agriculture; and
- Good comprehensive planning, economic development and natural conservation practices.

Strategies in use at the local level by various Gloucester County communities include agriculture-friendly zoning, clustering and Transfer of Development Rights. The County and its municipalities also can incorporate agriculture into their economic development plans by engaging and integrating agriculture into traditional business-support systems through local Chambers, downtown district management organizations, the Gloucester County Department of Economic Development, the Gloucester County Chamber of Commerce and by creating economic development incentives to support farm-related businesses (see *Chapter 6* for proposed initiatives).

# **Resource Protection Programs and Funding**

# Farm Bill Programs

The Farm Security and Rural Investment Act of 2002 (2002 Farm Bill) was landmark legislation, with much of its focus on conservation funding and environmental issues. Conservation provisions were designed to assist farmers in being good stewards of the land through grants and technical assistance. Conservation programs were continued under the Food, Conservation and Energy Act of 2008 (2008 Farm Bill), with significant gains in the area of conservation practices, including increased funding through fiscal year 2012. The Agricultural Act of 2014 (2014 Farm Bill), in effect since February 2014, made the following changes regarding conservation programs administered by the Natural Resources Conservation Service (NRCS) and the Farm Service Agency (FSA):

- Consolidates conservation programs for flexibility, accountability and adaptability at the local level;
- Links basic conservation practices to crop insurance premium subsidy for highly erodible lands and wetlands; and
- Builds upon previous successful partnerships and encourages agricultural producers and partners to design conservation projects that focus on and address regional priorities.<sup>157</sup>

The Mid-Atlantic region, of which New Jersey is part, is generally underserved by federal farm programs. According to an American Farmland Trust report from 2007, the Northeast receives only 3% of all federal farm payments, and only 8% of Northeast farms receive conservation payments, compared to nearly 22% of farms nationally. With smaller than average farms, lower profit margins, varied crops, and development pressure, New Jersey has unique farm and food policy needs, which do not match other, larger agricultural states who receive the bulk of commodity payments. In 2005 it ranked 41st in commodity payment programs and 44th in working land stewardship programs. (American Farmland Trust)<sup>158</sup>

Following is a synopsis of the conservation programs funded by the 2014 Farm Bill that are applicable to New Jersey and Gloucester County. They are implemented and administered by NRCS, the Gloucester County SCD, and the Farm Service Agency (FSA), also part of USDA. These programs are the backbone of natural resource conservation efforts in Gloucester County. (NRCS Programs)

#### **Financial Assistance**

# Agricultural Management Assistance Program (AMA)

The Agricultural Management Assistance (AMA) Program targets beginning and limited resource farmers, small farms, and producers who have had limited participation in other USDA financial assistance programs. AMA provides financial and technical assistance to agricultural producers to address issues such as water management, water quality, and erosion control by incorporating conservation into their farming operations.

Producers may improve water use efficiency through the construction of efficient irrigation systems and irrigation water management practices, reduce non-point source pollutants through filter strips and nutrient management, and improve habitat conservation through conservation cover and windbreak establishment. Payments can be 50%-90% of project cost and are limited to up to \$50,000 per participant per year. There is one Gloucester County AMA participant. (*Mona Peterson*)

# Conservation Reserve Enhancement Program (CREP)

An offshoot of the Conservation Reserve Program (CRP), the NJ CREP program, administered by the FSA, is a partnership between the USDA and the state to improve water quality in the Delaware and Walkill watersheds and areas draining to the Atlantic Ocean. In exchange for removing environmentally sensitive land from production and introducing conservation practices, agricultural land owners are paid an annual rental rate. Participation is voluntary, and the contract period is typically 10–15 years. The program was funded with \$100 million of state and federal money on a cost-share basis and to date only a small portion of that has been outlaid. <sup>161</sup>

Between 2007 and 2014, 14 CREP contracts covering a total 38.5 acres were entered into in Gloucester County; the projects involved filter strips (23.1 acres), grassed waterways (11 acres) and riparian buffers (4.4 acres). 162

#### Conservation Innovation Grant (CIG)

Funded by the EQIP program (see below), the aim of the CIG is to stimulate the development and adoption of innovative conservation approaches and technologies in conjunction with agricultural production. Funds are awarded as competitive 50-50 match grants to non-governmental organizations, tribes, or individuals for projects with a one to three year duration. (*NRCS Conservation Programs*). Each year, the NRCS announces a new round of competitive grants. Between fiscal years 2005 and 2010, 15 state-level competition CIG grants were awarded in New Jersey totaling \$932,240. The available funding for 2014 was projected to be \$148,000. 163

Examples of CIG projects include a 2008 CIG to a Central Jersey farmer and NJ Audubon towards developing the first *Jersey Grown*© birdseed, as certified by the NJ Department of Agriculture; a 2008 CIG to a farmer and NJ Audubon for a project to demonstrate that native grasses planted for bird habitat can continue to be an agricultural land use, with the grasses turned into a fuel source for heating (pellets), without compromising the nesting habitat; and a 2007 CIG for precision agriculture awarded to the Cumberland-Salem Soil Conservation District. <sup>164</sup> There are no projects in Gloucester County. (*Mona Peterson*)

# Conservation Stewardship Program (CSP)

The CSP, initiated in 2007, provides technical and financial assistance to manage and maintain existing conservation systems, implementing additional conservation activities on land currently in production. CSP provides two types of payments through five-year contracts: annual payments for installing new conservation activities and maintaining existing practices; and supplemental payments for adopting a resource-conserving crop rotation. Participants earn payments for conservation performance – the higher the performance, the higher the payment. Participants can apply for renewal at the end of the five-year contract. The program is capped at \$200,000 during the fiscal years 2014 through 2018. New in 2014, there is no limit on the number of nonindustrial private forestland acres that can be enrolled. The local NRCS administers this program. <sup>165</sup>

# Environmental Quality Incentive Program (EQIP)

EQIP provides financial and technical assistance to agricultural producers in order to address natural resource concerns and deliver environmental benefits such as improved water and air quality, conserved ground and surface water, reduced soil erosion and sedimentation or improved or created wildlife habitat. New in 2014, portions of the Wildlife Habitat Incentives Program (WHIP), which was not reauthorized, have been folded into the EQIP program; anyone interested in applying for wildlife projects should apply through EQIP. NRCS Conservation Programs) EQIP has been the most widely used conservation program in Gloucester County, and is the most well funded of all the programs, receiving approximately \$4 million statewide on an annual basis. Gloucester County EQIP enrollment between 2010 and 2013 ranged from 1,671 acres to 4,321 acres and from \$359,838 to \$1,272,402. For 2014, under the new Farm Bill, Gloucester County has 1,645 acres enrolled and \$514,146 obligated. (Mona Peterson)

Specific initiatives that can be applied for include Conservation Activity Plans, Energy, Organic, Soil Health and National Water Quality Initiatives. Seasonal High Tunnel, which was a separate initiative in 2013 is being funded under the general EQIP signup in 2014.

#### **Easements**

Agricultural Conservation Easement Program (ACEP)

The ACEP is a new program that consolidates three former programs –Wetlands Reserve Program (WRP), Grassland Reserve Program (GRP), and Farm and Ranch Lands Protection Program (FRPP). It has two components:

- Agricultural Land Easements prevent the loss of working agricultural lands to non-agricultural uses. NRCS may contribute up to 50% of the fair market value of the easement.
- Wetland Reserve Easements provide habitat for fish and wildlife and improve water quality through restoration and enhancement, and may provide opportunities for limited recreational activities. There are two types available in New Jersey: permanent (100% of the value and 50-75% of restoration costs) and 30-Year (50-75% of the value and of the restoration costs). 168

Gloucester County farmers have participated in the former FRPP, but not in the GRP or the WRP. ACEP is administered by the local NRCS.

# **Partnership**

Regional Conservation Partnership Program (RCPP)

A new program introduced as part of the 2014 Farm Bill is the RCPP. The program encourages the formation of partnerships to increase the restoration and sustainable use of soil, water, wildlife and related natural resources on regional or watershed bases. The partnerships can be formed by agricultural producer associations, farmer cooperatives, municipal entities, and non-government organizations. NRCS supports locally driven projects and encourages landowners and producers to get involved in the design of project proposals. RCPP assistance is also available independent of a partner if the land is located in a partner project area.

Partnerships must apply for a project grant on a competitive basis during the grant application period. There are three funding categories: critical conservation areas (NJ does not fall in one of these eight areas), national/multi-state and state. The USDA has targeted \$1.2 billion for the five year life of the 2014 Farm Bill (\$394 million for fiscal 2014/2015 grants). 25% of that will be available for projects in a single state. To apply for state funding, the project must address at least one of the national or state priorities. The state priorities are: Soil Erosion, Soil Quality, Water Quality, and Wildlife Habitat. More than 600 pre-proposals for 2014-15 were submitted nationwide in July 2014, and 230 of these applicants were invited to submit full proposals by October 2, 2014, including two state-level projects from New Jersey: the New Jersey Conservation Foundation (Soil and Water Quality) and the Duke Farms Foundation (Wildlife Habitat). (NRCS)<sup>169</sup>

# SADC Soil and Water Conservation Grants

The NJDA State Agriculture Development Committee (SADC) has in the past provided soil and water conservation grants to farms that are permanently preserved, or are enrolled in the eight year preservation program, with priority for preserved farms. The purpose of the grants and the eight year program is to protect Gloucester County agricultural lands from soil erosion.

These grants fund soil and water conservation projects approved by the Gloucester County SCD, with the program administered by both the SCD and the local NRCS office

in Woodstown, Salem County. Once the SCD deems the conservation project necessary and feasible, applications are forwarded to the New Jersey State Soil Conservation Committee, which recommends projects to the SADC for funding approvals. (Soil and Water Conservation Grants)<sup>170</sup> Generally, up to 50% of the approved costs for a project, based on established cost tables, are paid with grant funds. The program has been popular in Gloucester County, but with the reduction in funding within the last years, farmers are not applying. The SCD hopes the program will be refunded. (Dan Brown)<sup>171</sup> It is important that a permanent source of funding be put in place in order to ensure that farmers can continue to participate in these beneficial programs.

The types of soil and water conservation projects funded by SADC include soil erosion and sediment control systems (terrace systems); control of farmland pollution (stream protection, sediment retention, erosion or water control systems; animal waste control facilities; and agri-chemical handling facilities), the impoundment, storage and management of water for agricultural purposes (diversions, water impoundment reservoirs, irrigation systems and drainage systems), and management of land to achieve maximum agricultural productivity (land shaping or grading). (Soil and Water Conservation Grants)

# **Water Resources**

# The Importance of the Water Resource

The protection of water resources as they relate to agriculture and farmland preservation in Gloucester County cannot be overstated. Quite simply, without a consistent, plentiful, adequate and clean water source, agriculture cannot exist. In addition, farms are critical as open space areas to provide aquifer water recharge. To a certain extent, some aspects of ensuring clean and plentiful water can be controlled at the individual farm level. These include:

- Minimizing the use of synthetic chemicals such as fertilizers, herbicides, pesticides, and fungicides so as to lessen impacts to groundwater;
- Providing riparian buffers along watercourses, so as to protect streams from the above mentioned synthetic chemicals, and from soil erosion;
- When possible, practicing organic farming methods;
- Practicing appropriate timing of chemical application, so as to minimize its use;
- Practicing water conservation techniques, such as drip irrigation and water re-use for certain types of farming where feasible, such as smaller scale vegetable and fruit operations.

According to a statement made by the SJRCDC in 2007, "one of the most critical issues facing South Jersey is a dwindling water supply." Both population increases and agricultural irrigation can affect this water supply. From a water conservation perspective, the downward trend in irrigated acres in Gloucester County is a positive event. Over the period 1982 to 2012, irrigation peaked in 1987 at 13,664 acres. By 2012, only 9,009 acres were reported on the Census of Agriculture. Residential building permits increased from 1,007 in 1980 to a high of 2,075 in 2004 but had dropped to 865

in 2009. (NJ DOL) Nonetheless development pressure and the concomitant demands on water supply are being felt by Gloucester County farmers. Increased development exacerbates water supply not only by increased water usage but also by creating more impervious surface, causing more stormwater water runoff and less opportunity for aquifer recharge. Lack of sufficient water recharge areas means less water stays in the area and more water flows away to other areas, such as the river, the bay and the ocean, potentially making less water available for everyone. Management of the water supply is a critical issue in Gloucester County.

Due to the increased demand for water, New Jersey designated a Critical Water Supply area (Critical Area No. 2) on January 15, 1993, covering portions of Burlington, Camden, Gloucester, Atlantic, Cumberland, Salem, Monmouth and Ocean Counties. Most of Gloucester County, except for the extreme western portion on the border of Salem County, falls within this Critical Area. (Figure 7. Water Supply Critical Area No.2, Gloucester County) Allowed water usage in the PRM aquifer within this area has been reduced by 22%. (See Aquifers below.) (NJDEP)

Since the 2004 introduction of Stormwater Management Rules, Gloucester County has taken a regional, county-wide approach to stormwater management. According to Freeholder Director Robert Damminger, "Since that point in time a decade ago, Gloucester County has completed an ambitious regionalized program that protects water quality, drinking water supplies and ecosystems....Through an economy of scale, the County led the way for its 24 towns to comply with the regulations by creating a Regionalized Stormwater Management Program [including] street sweeping, de-icing storage, public education, employee training, stormwater outfall mapping, illicit connection identification and elimination, outfall stream scour remediation, and the preparation of the required stormwater management plans and stormwater pollution prevention plans, as well as coordination....The County put together this program to help our towns control non-point source pollution while saving tax dollars." <sup>173</sup>

### Water Allocation

Obtaining access to water in Gloucester County that is adequate and necessary for farming is challenging in several ways:

- Obtaining permits for new wells from the NJDEP, and then approval from municipalities, is becoming increasingly difficult. This is a limiting factor for farmers who may want to diversify their operations on existing acreage from field to nursery crops (a growing sector), or who may be renting, leasing or purchasing farmland formerly used for crops that did not require irrigation and seeking to introduce crops that require irrigation;
- Farmers must now file to obtain water allocations for existing water uses, estimating anticipated usage over a five-year period. According to the SCD 2010 Annual Report, there were some 179 water allocations for agriculture in the county, down from 249 in 2006, and the increasingly complex information being requested about agricultural water use is putting increasing demands on both the farmers and the workload of the agricultural support system, i.e., the RNJAESCE, the SCD and the NRCS (in 2013, the RNJAESCE handled 60 renewals, made

- necessary calculations on water supply requirements and provided other water management information as requested by the NJDEP or the farmer/landowners); and
- Farmers are competing with a growing residential base for existing water resources; between 2000 and 2010, Woolwich Township was the fastest growing municipality in the county and the state, with a population increase of 237.9% and the County as a whole had a 12.8% growth rate. (see *Chapter 3*)

The NJDEP Division of Water Supply, Bureau of Water Allocation requires that an Agricultural Water Usage Certification or Agricultural Water Use Registration be obtained from the County agricultural agent "if a person has the capability to withdraw ground and/or surface water in excess of 100,000 gallons per day for agricultural, aquacultural or horticultural purposes." In addition, because Gloucester County is in Water Supply Critical Area 2, as identified in 1985-86 and designated by administrative order in 1993, the NJDEP cannot issue approvals for any new or increased diversions from a critical area affected aquifer, unless it involves the approval of a base allocation transfer pursuant to N.J.A.C. 7:19-8.6 or if the diversion is used for an exception listed in N.J.A.C. 7:19-8.3(i)" (NJDEP)

Gloucester County farmers must use water wisely and conserve wherever possible, but as an important and vital part of the County's economy and cultural fabric, they must also be allocated sufficient amounts of water to operate their farming business.

To that end, the NJDA is working with the RNJAESCE, the NRCS, the United States Geological Survey, the NJDEP and the farm community to assess the water needs of agriculture and to assist in the development of essential and manageable rules, policies and guidelines to ensure an adequate water supply to meet the current and future needs of the agricultural industry." (2006 Agricultural Smart Growth Plan)<sup>176</sup>

# Physical Features and Water Aquifer Supply Characteristics

The physiographic and geologic layout of Gloucester County dictates water supply, availability and recharge, as well as location of agriculture. Gloucester County is located in the Coastal Plain of New Jersey, which underlies more than 60% of the state. It is primarily flat to gently rolling and, hence, is subject to flooding with wetlands located along its waterways. In 2007, about 20% of the County was identified by NJDEP Land Use/Land Cover analysis as agricultural land, 16% as wetlands and 23% as forest. (NJDEP Land Use/Land Cover)

#### Watersheds

Within Gloucester County there are eight watersheds, which fall into three of the NJDEP's twenty watershed management areas:

- WMA 15 Great Egg Harbor, Tuckahoe
- WMA 17 Maurice, Salem, and Cohansey, and
- WMA 18 Lower Delaware Tributaries

Six of the watersheds flow into the Delaware River:

- Big Timber Creek watershed
- Woodbury Creek watershed
- Mantua Creek watershed
- Repaupo Creek watershed
- Raccoon Creek watershed, and
- Oldmans Creek watershed.

The remaining two, which are in the southern part of the County, encompass the headwaters of two large river systems and occupy 131.6 square miles, or 39.2% of the County's land area. They are:

- Great Egg Harbor watershed, which flows southeast into the Atlantic Ocean, and
- Maurice River watershed, which flows south into Delaware Bay.

Portions of both the Great Egg Harbor River and the Maurice River have been classified by the U.S. National Park Service as National Scenic and Recreational Rivers, which makes it all the more important to protect their waters. <sup>177</sup> (DVRPC)

# Aquifers

The geology of Gloucester County resembles a "tilted layer cake," with different layers, or strata, of gravels, sands, silts and clays. The saturated gravel and sand layers have large pore spaces, promoting permeability; these are the aquifers from which water is drawn through wells. The less permeable silt and clay layers, which impede the movement of water, are confining beds, or layers. When confining layers overlay the more permeable layers they protect aquifers from contamination that might seep down into the groundwater from the land surface. (Gloucester County Improvement Authority)

Three major aquifers serve Gloucester County, the Potomac–Raritan–Magothy (PRM) to the north, followed by the Mount Laurel-Wenonah (MLW), and then the Kirkwood-Cohansey. The first two are confined aquifers, with layers of less permeable material silt and clay generally isolating the water-bearing layers from each other. The PRM yields the most water of the three aquifers, but the state has mandated reduced usage for this aquifer. It is the primary water supply for industrial and commercial operations that service residents near the Delaware River. The MLW, in central Gloucester County, has seen increased use as an alternative to the PRM and yields of private wells that tap the MLW have declined as a result. Large agricultural areas in Woolwich, East Greenwich and Harrison Townships rely on the MLW for irrigation water. The Kirkwood–Cohansey outcrop covers a large portion of southern Gloucester County, and the aquifer is close to the surface in its eastern sector. Because it is unconfined, rainwater can get into it easily and re-supply (recharge) the aquifer. This also makes it more vulnerable to surface contamination. "Water from the Kirkwood-Cohansey aquifer is known to be a low pH and contain high levels of iron and manganese. In addition, contamination from radium and mercury has been found within the aquifer." (Gloucester County website). (see Chapter 1 for more detailed discussion)

As more development occurs, the increased impervious surfaces prevent waterfall from soaking into the ground, causing more runoff into the streams and rivers of the watershed

and diminishing the capacities of the area's aquifers to recharge. Since the aquifers provide both the residential and agricultural water supplies, they are essential to all aspects of life in Gloucester County, making it important to balance development with capacity of the natural resources to serve the area's needs now and in the future.

In the County's rural areas, where private wells and agriculture water diversions are common, the protection of aquifers and their recharge areas is "particularly important since these are often depending on ground water recharge." (1997 Farmland Preservation Study)

# Water Conservation Strategies

An adequate water supply is important to successful agriculture operations in Gloucester County. Droughts in recent years have highlighted the precarious nature of the agriculture (and general) water supply, and the need for water conservation systems and regimens.

The SADC, through its Agricultural Smart Growth Plan, encourages farmers to "... work to accelerate the use of efficient water conservation technologies, such as drip irrigation, and identify and promote new and efficient methods to conduct water distribution on farms, utilizing farm ponds and water reuse options." (2006 Agricultural Smart Growth Plan)

The dominant field crops in Gloucester County are soybeans, wheat, hay and corn. These crops rely on rain and some groundwater for water needs, and as such, water conservation strategies are difficult to implement. This is especially apparent when the yield per harvested acre in 2002, a year of significant drought, is compared with yield in 2012. For example, corn for grain yield was 83 bushels per acre in 2012 versus 43 in 2002, and soybean yield was 38 bushels per acre in 2012 versus 17 in 2002. (Census of Agriculture) Vegetables, fruit (especially peaches) and nursery also represent strong contributors to the County's agricultural economy. With nursery and greenhouse, sod, and vegetable farming, it is possible to implement conservation strategies such as drip irrigation, or watering crops in the cooler parts of the day so as to minimize evaporation. Many farmers in Gloucester County have turned to drip irrigation and some have made use of a pumping system engine that reduces water use. (Victor DeVasto)

The RNJAESCE and the SCD can encourage more farmers to consider conversion from traditional overhead irrigation, or traveling gun, systems to drip or center pivot systems. The same amount of water applied using the three systems, say 100,000 gallons per day, or 70 gallons per minute (the level at which permitting is required), would cover 15 acres using drip irrigation, 14 acres using a center pivot and 10 acres using a traveling gun. The efficiency ratings for the three systems are 90%, 85% and 60% respectively. (*Dan Brown*)

The faculty of RNJAESCE publish annual crop production recommendation guides for multiple crop groups that include irrigation guidelines and recommendations These guides include tips for maximizing irrigation efficiency, such as optimizing irrigation scheduling, selecting appropriate growing mediums, planning and installing irrigation systems that provide efficient water use, managing stormwater runoff, and collecting and

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recycling irrigation water. This information can be found at http://njaes.rutgers.edu/pubs/(Michelle Infante-Casella)

For livestock, floats and timers in watering troughs can conserve water by negating the need for constantly running water to keep troughs full.

The Office of the New Jersey State Climatologist at Rutgers University, School of Environmental and Biological Sciences, operates the NJ Weather and Climate Network of weather monitoring stations. Farmers can use the information from stations near them to assist with irrigation water scheduling, as well as pest management and other conservation issues. There are several stations in Gloucester County that can provide weather data such as air temperature, precipitation, wind speed and gusts. Other stations measure barometric pressure and New Brunswick measures soil temperatures as well. Farmers can set favorite locales and view charts and tabular data. (*Rutgers*)<sup>179</sup>

# **Waste Management and Recycling**

Management of livestock waste has serious implications for the quality of ground and surface waters. Unchecked, or poorly managed, these wastes can cause serious water quality problems by the introduction of unwanted microorganisms into natural systems. Poor management of animal waste also can cause disease among farm animals. Proper animal waste management not only is required but also is a sign of good environmental stewardship, as is recycling of farm by-products whenever possible.

Livestock farmers in Gloucester County may opt to participate in SCD/NRCS conservation programs that cost share the creation of animal waste facilities on their farms. By building these temporary holding tanks, usually concrete, the farmer accomplishes two purposes: preventing the waste from mixing with runoff and polluting streams and other water bodies and providing a ready source of manure or fertilizer for farm fields. When convenient, the waste can be removed from the temporary storage facilities and applied to the fields, following best management practices (BMPs). (Dan Brown)

# **Animal Feeding Operations**

Animal feeding operations have the potential to cause water pollution since mismanagement of the animal waste has the potential to cause soil and groundwater contamination via introduction of organic matter, nitrogen, phosphorus, and bacterial pathogens into nearby surface waters. Proper management is essential. The New Jersey Department of Environmental Protection (NJDEP) has outlined a statewide strategy to manage and regulate these operations. The strategy calls for NJDEP to administer permits for the few, large Concentrated Animal Feeding Operations (CAFOs) in the state, and the New Jersey Department of Agriculture (NJDA) to administer appropriate measures for other farms with animals, using the Criteria and Standards for Animal Waste Management, adopted March 16, 2009. This strategy emphasizes the use of cost-effective voluntary measures, limiting the need for permits. (*Michael Westendorf* 180)

The Criteria and Standards for Animal Waste Management (N.J.A.C. 2:91), which went into effect on March 16, 2009, set forth requirements for the development and implementation of self-certified Animal Waste Management Plans (AWMPs), high-density AWMPs and Comprehensive Nutrient Management Plans (CNMPs) for farms that generate, handle or receive animal waste. All farmers with livestock were required to be in compliance with these regulations by March 16, 2012. All producers, regardless of size, must meet the general requirements, which are:

- 1) Agricultural animal operations shall not allow animals in confined areas to have uncontrolled access to the water of the state;
- 2) Manure storage areas shall be located at least 100 linear feet from surface waters of the state.
- 3) The land application of animal waste shall be performed in accordance with the principles of the NJDA Best Management Practices Manual.
- 4) Dead animals and related animal waste resulting from a reportable contagious disease or an act of bio-terrorism shall not be disposed of without first contacting the State Veterinarian.
- 5) Any person entering a farm to conduct official business related to these rules shall follow bio-security protocol. [181] (NJDA Animal Waste Management Rules)

Additional requirements are either voluntary or mandatory, depending on the number and density of animals. Generally:

- Operations with 7 or fewer animal units (AU=1,000 pounds) or receiving or applying less than 142 tons of animal waste per year are encouraged, but not required, to develop a self-certified Animal Waste Management Plan (AWMP)
- Operations with 8 to 299 AUs with densities of equal to or less than 1 AU per acre are required to complete a self-certified AWMP;
- Operations with 8 to 299 AUs at densities greater than 1 AU per acre are required to complete an AWMP, which must be reviewed by a conservation professional; if the standards are met, the SCD will approve the plan;
- Operations receiving or applying less than 142 tons of animal waste per year are encouraged, but not required, to develop and implement a self-certified AWMP;
- Operations receiving or applying 142 or more tons of animal waste per year are required to develop and implement a self-certified AWMP; and
- Operations with 300 or more AUs are required to develop a Comprehensive Nutrient Management Plan (CNMP), which must be certified by the NJDA. (Criteria and Standards)

In, general self-certified waste management plans will be coordinated through the Rutgers New Jersey Agricultural Experiment Station Cooperative Extension (RNJAESCE), which continues to offer assistance to farmers who not yet completed AWMPs or implemented environmental Best Management Practices (BMPs) on their farms. Farmers who have not complied may face penalties as outlined in N.J.A.C. 2:91-4.1. [182] (RNJAESCE) Farmers can apply for funding through the Environmental Quality Incentive Program (EQIP) to obtain a Comprehensive Nutrient Management Plan (CNMP) for their operation. Any livestock operation receiving EQIP funds for waste

management practices such as a Heavy Use Area Protection (HUAP) site or waste storage facility must have a CNMP. (Michael Westendorf and Maria Collazo)

# Recycling

The Gloucester County Improvement Authority (GCIA) has limited recycling opportunities specifically related to agriculture. It does accept agricultural plastics at its landfill, but not as a recycling operation. There are currently no plans to implement an agricultural plastics recycling program in the County. However, because of its close proximity, many Gloucester County farmers make use of the Cumberland County Improvement Authority's agricultural plastics recycling facility at the Cumberland County Solid Waste Complex in Deerfield. This facility is open to all New Jersey farmers and accepts collections year round; a tipping fee of \$20/ton applies. The NJDA website lists a number of commercial recyclers, both in and out of state, who accept nursery/greenhouse film (year round), pesticide containers (seasonal), agricultural plastics - mulch film, drip irrigation tape - and/or plastic nursery pots, plug trays and flats. Agricultural Recycling Services, Inc., in Atlantic County will accept almost any non-container agricultural plastic including mulch film, drip tape, nursery/greenhouse film, peat moss bags, silo covers, hay bale covers, pots and trays. Using a commercial recycler can reduce farmers' landfill costs and, in the case of some products such as nursery pots and flats, generate some revenue. <sup>183</sup> (NJDA)

The County has held a tire amnesty program each year since 2001 and the GCIA's Office of Recycling will work with farmers one on one to facilitate the process. Farmers traditionally use tires to hold down their plastic tarpings, but due to the need for mosquito control, the NJDEP determined that the tires pose a threat. The GCIA has worked specifically with the farmers in regard to stockpiled tires, but not all farms have depleted their stockpiles. In March 2014, Tire Amnesty Month, County farmers could dispose of a maximum of 50 passenger car and passenger pick-up tires per residence at no cost. Appointments could be scheduled for larger loads. The GCIA contracts with a company to grind the tires, to be used for a variety of landfill construction projects. Since the program began, more than 200,045 tires have been recycled. [184] (GCIA)

The landfill also schedules hazardous waste dates specifically for farmers, as opportunities to dispose of pesticides and, again, the Office of Recycling will work with farmers on a one-to-one basis to facilitate the process. Plus, there is a convenience center for types 10 and 13 household non-hazardous construction and demotion debris where County residents, including farmers, can dispose of their materials. (Ken Atkinson)

For household special waste (HSW), the GCIA/Office of Recycling sponsors four collection days for residents (commercial businesses prohibited), one of the largest programs in New Jersey. The collected materials are recycled and reused (e.g., motor oil, gas cylinders) or disposed of in an environmentally sound manner (e.g., solvents, fertilizers, weed killers, pesticides). In addition, the landfill is open one Saturday a month March through November. (*Ken Atkinson*)

On-farm recycling is, of course, an important consideration too, and can include composting, recycling of leaves on the property, using the culled product from vegetable

harvesting and other food waste to feed the soils or animals, and collecting animal waste in temporary waste containers (to prevent it from polluting runoff into water bodies) and using it as fertilizer. (*Dan Brown*)

# **Energy Conservation**

Energy conservation makes economic sense for Gloucester County's agriculture businesses. The less energy a farmer uses, the less money spent on energy, and the more money that can be invested elsewhere, or realized as profit. However, energy conservation and the use of alternate technologies also make environmental sense. They help keep the air, water and soil clean, and minimize or eliminate further pollution to these critical agricultural resources. Also, with the impending threat of global warming due to excessive carbon dioxide emissions into the atmosphere, energy conservation and the use of alternate energy sources may help to slow this warming trend.

The GCIA, in concert with the Office of Land Preservation, the Rutgers New Jersey Agricultural Experiment Station Cooperative Extension and the Natural Resource Conservation Service, can reach out to the farm community and work with the New Jersey Department of Agriculture (NJDA) and industry experts to address questions regarding energy usage, methods to reduce energy consumption and other energy-related strategies. There are also a number of promising alternatives, ranging from solar to wind turbines, that provide farmers a balance of economic and environmental benefits. Identifying which technologies make the most sense for Gloucester County farms, educating farmers, and encouraging their application are important implementation action steps. Creating a stable and predictable regulatory environment, both at the state and local level, is also critical and one that the County can strongly promote. As tracked by Farmland Assessment data, renewable energy acreage totaled 43 acres in 2012, an increase from 10.8 acres in 2011.

In its 2006 Agricultural Smart Growth Plan, the NJDA emphasized the importance of energy conservation and alternative energy use. The Plan indicates that it is important to "promote the use of innovative technologies, recycling, energy conservation and renewable energy systems on New Jersey's farms" and to "promote, provide technical assistance for and inform the agricultural community about new and existing energy conservation and renewable energy programs by promoting the financial and environmental benefits of implementing these programs." Also, the NJDA indicated that "Through [these] numerous efforts coordinated between the state and federal levels, New Jersey's agricultural community is proving itself to be an important player in protecting our state's natural resources. Clearly, there is more work to be done, and the agricultural community has shown initiative in pursuing alternative energy sources, such as solar, wind and bio-gas in running farm operations, and by being a leader in the pursuit of ethanol and bio-diesel fuel markets." (2006 Agricultural Smart Growth Plan)

# In 2007, the SADC indicated:

• SADC is supportive of solar and wind energy use on commercial farms as long as the main purpose of the produced energy is for use on the farm. This does not preclude the sale of excess energy production back to the power grid; and,

• Installation of solar panels, wind turbines and other appurtenant equipment must not negatively impact production of the agricultural land, and agricultural land must not be taken out of production. 186 (Steve Bruder)

In January 2010, a law (P.L. 2009, c.213) was enacted that allows for the construction, installation, and operation of biomass, solar, or wind energy generation facilities, structures, and equipment on commercial farms, including preserved farms, with certain caveats regarding interference with agricultural productivity, valuation for farmland assessment, amount of farm acreage that can be devoted to such facilities, local and State approvals, etc. (P.L. 2009, c. 213)<sup>187</sup> Rules that implement the 2010 legislation for solar energy on preserved farms became effective in June 2013. Draft rules for wind energy on preserved farms are available for review on the SADC website. The SADC is in the process of developing an Agriculture Management Practice (AMP) to help determine specific system design criteria for solar and wind systems seeking Right to Farm protection.

Through EQIP, farmers can develop Agricultural Energy Management Plans – farm energy audits – and can then apply for help implementing the Energy Audit recommendations. This is usually done with one of the new NRCS Technical Guide Conservation Practices, such as Farmstead Energy Improvement. (*Mona Peterson*)

# Solar Energy

Solar energy can be harnessed via the installation of solar panels. This harnessed or stored energy can then be used to create electricity and provide heat. If excess electricity is generated, it can be sold back to the electric grid for a profit. The overall use of solar panels has greatly increased in New Jersey. (Agriculture and Green Energy)

New Jersey's Clean Energy Program offers registration in the Solar Renewable Energy Certificate (SREC) Registration Program (SRP), which allows owners of registered, installed systems to enter energy generated into a SREC tracking system; these SRECs can be sold to generate revenue during the first 15 years of the solar operation. In the last year, the program has been receiving between 500 and 1,500 SRPs per month. (NJCEP) Solar energy is one of the fastest growing sectors in the alternative energy market, and Gloucester County farmers can take advantage of this energy and money saving technology.

# Wind Energy

The power of a strong wind can be captured by turbines or windmills, turning such power into electricity. Expanding and evolving technology is making this option more attractive to farmers as a way to cut energy costs, but adequate wind speeds are requisite to make this a successful alternative. New Jersey farmers might take advantage of a distributed or "small" wind system, which uses turbines of 100 kilowatts or smaller to directly power a home, farm or small business. New Jersey's Clean Energy Program provides a model small wind ordinance for municipal adoption. Although this is a first step toward encouraging wind energy, New Jersey's Clean Energy Program incentives for wind energy installations are on hold since 2011. 190

Between 2004 and 2008, Rowan University in Glassboro was involved with the New Jersey Wind Program, including a program to provide anemometers on loan to gauge wind-energy viability. The Wind Power Program surveyed New Jersey municipalities with wind power of greater than 5.5 m/s at 30 meters to determine potential clients for the anemometer loan program. Washington Township was the only Gloucester County participant in this program, although Greenwich was listed as a possible assessment area, depending on variance requirements. [19] (Rowan University) National Renewable Energy Laboratory mapping indicates that the annual average wind speed in the County is below that recommendation. [192] In fact, the entire County is ranked class 2, or marginal, according to information available from the National Renewable Energy Laboratory. [193] According to the Wind Power Authority, turbines are now being developed that can provide wind energy in low wind speed areas (below 4 m/s or 9 km/h). [194] This could be good news for Gloucester County farmers.

#### Bio-Fuels

According to the U.S. Department of Energy's Biomass Program, "after hydropower, biopower provides a larger share of the world's electricity than any other renewable energy resource." It has the advantages of providing a clean, domestic, renewable source of power for the nation, revitalizing rural economies and reducing impacts on the environment and climate, among others. Biopower can be used in combined heat and power (CHP) systems to generate both heat and electricity and it can be sourced from any organic matter such as wood, plants, agricultural waste, and other materials. <sup>195</sup> Agricultural producers can serve as a source for biomass fuels and, potentially, an end user.

#### **Ethanol**

Ethanol is a renewable fuel "made by distilling the starch and sugar in a variety of plants." (Agriculture and Green Energy) It can then be blended into gasoline as an "oxygenate," reducing air pollution. Its use also may reduce dependence on foreign oil and the harmful environmental effects of oil drilling. Also, unlike the gasoline additive MTBE, ethanol will not contaminate groundwater. (Agriculture and Green Energy) Corn, used to produce ethanol, is not the dominant crop in Gloucester County, ranking fifth in acreage, behind soybeans, vegetables, and wheat, with 3,803 acres harvested in 2012. (2012 Census of Agriculture) Prices for corn have increased, perhaps because of the spreading movement towards ethanol-blended fuels. In 2012, the price per bushel of corn for grain was at a national high of \$6.67, and total corn sales in Gloucester County rose from \$770,000 in 2007 to \$2,494,000 in 2012. Gloucester County farmers' increased corn production may be in response to increased prices, but for the most part, they continue to sell most of their corn to Perdue for chicken feed. (Michelle Infante-Casella)

#### **Bio-diesel**

Petroleum diesel is an emitter of sulfur emissions, a major air pollutant. Bio-diesel, made from the oils of soybeans, is an alternative to petroleum diesel. This organic fuel can be blended and used in diesel engines without modification. The result is a significant

reduction of the harmful fumes produced by pure petroleum diesel. (Agriculture and Green Energy) In 2012, 8,677 acres of soybeans were harvested in Gloucester County, the largest crop by acreage in the County, with a yield of 333,018 bushels. On a per acre basis, this yield was higher than in any of the previous three census reportings. (Census of Agriculture) While Gloucester County farmers may be aware of and capitalizing on the increased market for this product, they continue to sell their soybean crops to Perdue through the drop-off station in Bridgeton, Cumberland County.

#### **Bio-gas**

Animal manures are among the variety of waste that could be used to create energy through anaerobic digestion, with the added benefits of reducing landfills and producing a nutrient-rich fertilizer that could be used by farmers.

#### **Switchgrass Pellets**

Switchgrass pellets can replace oil, gasoline or coal as a fuel to heat greenhouses, and save money, reduce petroleum use, and cut greenhouse gas production in the process. <sup>198</sup> (*RenewableEnergy.World.Com*) The pellets are made from hay that is cut from perennial warm-season grasses, pulverized into a sawdust-product that is heated, then milled into pellets. The perennial grasses can be cut for 20 years or so, before needing to be replanted. Plainview Growers, a nursery operation in Allamuchy, New Jersey, is using this process to heat its greenhouses. Its long-range plan is for the facility to be energy self-sufficient by also generating electricity using this same bio-fuel, and to produce enough pellets to sell to others. (*American Farm.com*) <sup>199</sup>

Gloucester County prepared a 2008 Comprehensive Economic Development Strategy, which suggested that the County "invest in alternative Energy Development such as ethanol, liquefied natural gas (LNG), and other clean energy options." A 2010 Addendum to the CEDS continues to include Alternative Energy Development in its project list, stating that "clean energy options, including a new ethanol plant in Gloucester County would not only provide alternative energy, but would also be an investment in the agricultural economy that is so important to the County." (Gloucester County Comprehensive Economic Development Strategy [CEDS]) 200

At the state level, a multi-agency working group (New Jersey Agriculture 2006 Annual Report)<sup>201</sup> is carrying forward an NJDA initiative to create a biofuels plant. The NJDA sees biofuels – ethanol, biodiesel and biogas – as an excellent opportunity for farmers in New Jersey to develop new markets for their agricultural products, byproducts and wastestream items. (CEDS)

If either or both of these projects come to fruition, it could present additional outlets for Gloucester County agricultural products.

#### Renewable Energy Grant Programs

The NJDA provides the following information on renewable energy grant programs, which can help encourage the use of these energy sources:

New Jersey's Clean Energy Program: Administered by the New Jersey Board of Public Utilities, this program provides financial incentives to install clean energy systems, including fuel cells, photovoltaics (solar electricity), small wind and sustainable biomass equipment. Financial incentives are in the form of rebates, grants and loans. Additional information is at www.njcep.com. 202

USDA Rural Energy for American Program (REAP): Authorized under the Agricultural Act of 2014 (Farm Bill), the REAP Renewable Energy System and Energy Improvement Guaranteed Loan and Grant Program provides financial assistance to agricultural producers and rural small businesses to purchase, install, and construct renewable energy systems; make energy efficiency improvements to non-residential buildings and facilities; use renewable technologies that reduce energy consumption; and participate in energy audits and renewable energy development assistance. For agricultural producers, a guaranteed loan and grant program can provide financial assistance with the installation of renewable energy systems.<sup>203</sup> (USDA)

## **Outreach and Incentives**

The Gloucester County CADB, the RNJAESCE of Gloucester County and regional agencies such as the NRCS, SCD and FSA local service centers stand ready to educate and assist farmers regarding natural resource conservation and agricultural productivity. The CADB supports and encourages the implementation of programs to aid in natural resource conservation in the County.

# CHAPTER 8: AGRICULTURAL INDUSTRY SUSTAINABILITY, RETENTION, AND PROMOTION







# **Existing Agricultural Industry Support**

## Right to Farm

To ensure farmers have the ability to continue accepted agricultural operations, the Right to Farm Act was enacted by the State Legislature in 1983 and amended in 1998. The Act provides "protection of commercial farm operations from nuisance action, where recognized methods and techniques of agricultural production are applied, while, at the same time, acknowledging the need to provide a proper balance among the varied and conflicting interests of all lawful activities in New Jersey." (4:1C-2) Another critical piece of legislation in support of agriculture was the 1983 Agriculture Retention and Development Act. This Act created the State Agriculture Development Committee (SADC), and authorized counties to create County Agriculture Development Boards (CADBs) to establish agriculture retention and development programs. At present, there are eighteen CADBs. Both the SADC and CADB implement the Right to Farm Act on the State and local levels. (Right to Farm Program)<sup>204</sup>

The SADC works to maximize protections for commercial farmers under the Right to Farm Act by developing Agricultural Management Practices (AMPs), tracking right to farm cases, offering a conflict resolution process, and reviewing rules proposed by other state agencies to assess the impact they may have on agriculture. In order to qualify for Right to Farm protection, a farm must meet the definition of a "commercial farm" in the Right to Farm Act; be operated in conformance with federal and state law; comply with AMPs recommended by the SADC, or site-specific AMPs developed by the Gloucester County Agriculture Development Board (CADB) at the request of a commercial farmer. It must not be a direct threat to public health and safety, and must be located in an area where agriculture was a permitted use under municipal zoning ordinances as of December 31, 1997, or thereafter; or, must have been an operating farm as of July 2, 1998. (Eligibility Criteria for RTF Act Protection)

As of 2014, the SADC had 12 AMPs in place, the latest being an AMP for On-Farm Direct Marketing Facilities, Activities and Events, adopted April 7, 2014. The SADC lists 14 site-specific AMPs for Gloucester County, all of which have been resolved by the Gloucester CADB. When developing site-specific AMPs, Gloucester County mirrors

the guidelines of the SADC, referencing the Right to Farm language in the SADC regulations. (*Ken Atkinson*)<sup>207</sup>

When a Right to Farm issue surfaces, the Gloucester County CADB first encourages the parties to use the State's Agricultural Mediation Program through which the SADC will provide mediation or conflict resolution at no cost to the participants. If a complaint is filed with the CADB and it concerns a type of issue the CADB has not heard before, the CADB may send it to the SADC for a determination as to whether the farm falls within the parameters established by the Act for Right to Farm protection. Once either the SADC or the CADB has determined that the complaint falls within Right to Farm parameters, and any additional fact finding and technical review takes place, the issue is given a public, quasi-judicial hearing at the county level. After all information has been considered, the CADB will make a determination as to whether the agricultural activity is protected by the Right to Farm Act or whether changes to the operation will be required. If the issue is not resolved by the Gloucester CADB determination, either party in the dispute may take the matter for a subsequent appeal first to the SADC and then to the New Jersey Superior Court, Appellate Division. (Resolving Agricultural-Related Conflicts)<sup>208</sup> The Gloucester CADB has not yet developed a County-level "Policy for Public Hearings Involving Right to Farm Conflicts." To date, the CADB has found the Right to Farm Act language clear and satisfactory, but the CADB has considered the possibility of creating such a policy in the future. (Ken Atkinson)

The CADB is contacted with several Right to Farm cases each year. Some of these cases are settled through the Agricultural Mediation Program, but the CADB also conducts hearings and has heard or addressed approximately 12 matters in the last five years. The CADB began hearing Right to Farm cases with the implementation of the Right to Farm Act and has seen the number of cases increase over the years, as development has encroached on agricultural areas. Only three cases have been elevated to the appellate level.

Specific examples of Right to Farm cases include:

- A landowner wanted to convert a packing house into a farm market/winery tasting room, and the municipality fought the proposal claiming it wasn't consistent with local zoning. The CADB determined for the farmer.
- A landowner wanted to keep more horses on her farm than was permissible under the municipal ordinance. The landowner proved that she could adequately care for the number of requested horses, and that she was following all best management practices. The CADB determined for the landowner.
- A farmer was defending himself against accusations by a neighboring developer, who felt that the farmer's operations were the cause of drainage problems in the new subdivision. The CADB determined that the water run-off was following its natural course of progression based on the topography of the area, and that the farmer was not employing any tactics to divert the water towards the development.
- A resident complained about air cannons on neighboring farmland, and the farmer sought protection under Right to Farm. This case was settled through the Agricultural Mediation Program.

- Neighbors complained about a farmer's management practices regarding cattle
  manure, claiming that the farmer was not using generally accepted agricultural
  management practices. The CADB determined for the farmer. The complainants
  appealed, and the appellate court and the SADC upheld the CADB's
  determination.
- A landowner operating a horse farm was denied farmland assessment by the municipality. The CADB sided with the landowner, but the Township appealed, and on appeal, the appellate court went against the CADB's determination and sided with the Township.
- A farmer complained about municipal zoning issues and sought protection under Right to Farm. The CADB decided in favor of the farmer, and the municipal zoning office did not appeal.

Municipalities can limit the number of right to farm complaints and encourage farming as an industry by:

- Adopting comprehensive Right to Farm ordinances as outlined by the SADC;
- Making agriculture a permitted use in all appropriate zones;
- Requiring buffers between new non-agricultural development and adjacent existing farmlands; and
- Requiring notification to homeowners purchasing a home in a new subdivision where active agriculture occurs on adjacent property.

Right to Farm Ordinances are necessary for municipalities that wish to enter into the farmland preservation program. Therefore, all municipalities within Gloucester County with commercial farms are encouraged to adopt a Right to Farm Ordinance, and to update their existing ordinances to be consistent with the SADC model ordinance. If a municipality has a Right to Farm ordinance on file with the CADB, that ordinance is referenced during any Right to Farm hearings. If the municipality does not have such an ordinance, the CADB references the State's language. The CADB contacts County municipalities on a periodic basis regarding Right to Farm ordinances. Those who have an agricultural base but do not yet have a Right to Farm ordinance are encouraged to create one. For those who do have a Right to Farm ordinance, the CADB checks to make sure the copy it has on file is the municipality's most current one. (*Ken Atkinson*)

Ten of the twenty-four municipalities in Gloucester County have established a Right to Farm Ordinance. Another town that could benefit from a Right to Farm ordinance is Greenwich; certain other municipalities such as Washington and West Deptford might benefit by having one, but to a lesser degree since their agricultural land bases are minimal. (Ken Atkinson)

The model ordinance, as developed by the State Agriculture Development Committee, is included in *Appendix B. State Agriculture Development Committee Model Right to Farm Ordinance.* (Model Right to Farm Ordinance)<sup>209</sup>

The sections of the state model ordinance are listed below, along with a brief analysis of how the Gloucester County municipal Right to Farm ordinances align with the model ordinance:

- A. Definitions -- Most of the municipal ordinances do not include the model's definitions of farm market, commercial farm, farm management unit or pick-your-own operation. Mantua Township is an exception.
- B. Recognition of Right to Farm as Permitted Use in All zones, including a list of 18 noninclusive practices and activities Most municipal ordinances are not as specific or comprehensive in their permitted uses as section B. For example, they do not address the operation of farm markets as part of their RTF code or reference the Standard Industry Classification for agriculture. While many address numerous farm laborers; only a few specifically address farm labor housing. Many address farm equipment, but most do not specifically addresses slow-moving farm machinery over roads within the municipality; Mantua is the exception. The model ordinance has been updated, since the 2008 version of this Plan, to include item 18, the generation of power or heat from biomass, wind or solar energy.
- C. Recommendation that farm operators adhere to generally accepted agricultural management practices Most municipalities reference accepted agricultural management practices, although not in the detail or using the language of the model ordinance. Some reference country wide farming practices or local farming practices.
- D. Conformance to applicable State and Federal law Most municipalities do not pick up this item as stated, although several reference conformance to state, federal and/or municipal laws, rules, statues or regulations. Mantua Township includes this in its entirety.
- E. Allows permitted uses on holidays, weekdays, weekends, day or night, including attendant or incidental noise, odors, dust and fumes All municipalities except Monroe include a version of this item although one municipality places a prohibition on air cannons prohibited between sundown and sunrise.
- F. Recognizes benefits of farming The majority include a version of this item.
- G. Complaint process through CADB or SADC Only three municipalities, Woolwich, Mantua and Franklin, include this process
- H. Agricultural Mediation Program Only Woolwich and Mantua mention this program.
- I. Notice to purchasers and users of adjacent property Two of the nine municipalities include a notice requirement, although they may not directly follow the model ordinance language.

Buffers, while not part of the model RTF ordinance, have been recommended as a way to mitigate RTF complaints, and several of the municipalities do address agricultural buffers in other sections of their code.

Table 27. Municipal Right to Farm Ordinances (RTFO) lists municipalities within Gloucester County that have Right to Farm ordinances, along with summary information on the ordinance, its date of enactment, where known, and a comment on its consistency with the model ordinance developed by the State Agriculture Development Committee.

# **Municipal Right to Farm Ordinances**

Table 27. Municipal Right to Farm Ordinances (RTFO)		
Township/	RTFO (letter in parentheses indicate where ordinance topic coincides	
Borough	with SADC model ordinance)	
East	Where Zoned and Where Existing. (b) The right to farm is recognized	
Greenwich	to exist and is ordained a permitted use regardless of zoning and of	
	specified and permitted uses stated elsewhere, subject only to	
Code#:	restrictions/regulations regarding intensive fowl or livestock farms,	
16.58.050	health and sanitary codes. Permitted uses include irrigation pumps and equipment, aerial and ground seeding/spraying, large	
	tractors/equipment, large numbers of farm laborers, application of	
	fertilizers/pesticides/herbicides; grazing, and (e) concomitant noise,	
	odor, dust and fumes. (e) Protected activities may occur on holidays,	
	Sundays, weekdays, day and evening, (c) when conducted in accord	
	with generally accepted agricultural practices.	
	Notes: The Code also contains the following sections:	
	Definitions (16.02.030) – includes definitions of Farm, accessory uses;	
	Farm building; and Farm, principal uses	
	Commercial piggeries (16.12.020) – grandfathers piggeries in	
	operation on 12/5/149 and allows no piggeries;	
	Buffers separating farm use (16.28.040) – requires a buffer of 50 feet (min), or a 6-foot-high opaque fence, or a 25-foot wide landscaped area for residential development abutting farm use	
	Consistency. The permitted uses in this ordinance generally cover	
	farming uses without being as specific and comprehensive as the list	
	in the model ordinance. It does not incorporate the definitions and	
	reference to N.J.S.A. 54:4-23 from section (a), conformance with state	
	and federal law (d), benefits (f), the complaint process (g, h) or	
	require notice (i).	
	Enactment. The Codebook states that it reflects ordinances through	
	12/2007. Specific ordinances were not available from the Township	
	website.	

Table 27. Municipal Right to Farm Ordinances (RTFO)		
Township/	RTFO (letter in parentheses indicate where ordinance topic coincides	
Borough	with SADC model ordinance)	
Elk	Everywhere. (b) The right to farm is recognized to exist and is	
	ordained a permitted use regardless of zoning and of specified and	
Code#:	permitted uses stated elsewhere, subject only to	
96-58	restrictions/regulations regarding intensive fowl or livestock farms,	
	health and sanitary codes. Protections include irrigation pumps and	
	equipment, aerial and ground seeding/spraying, large	
	tractors/equipment, large numbers of farm laborers, application of	
	fertilizers/pesticides/herbicides; grazing, and (e) concomitant noise,	
	odor, dust and fumes. (e) Protected activities may occur on holidays,	
	Sundays, weekdays, day and night, (c) when conducted in accord with	
	generally accepted agricultural practices; Prohibited: use of carbide	
	cannons after sundown and before sunrise. (g) Zoning board has right	
	to decide reasonable and necessary uses, after consulting with County	
	agricultural agent. (f) Benefits more than offset nuisance. (a) Subject	
	to the requirements of N.J.S.A. 54:4-23.1 et seq. Notes:	
	Buffers. No specific agricultural buffer provisions currently exist, but	
	the Environmental Commission has proposed that this be	
	considered. <sup>210</sup>	
	Consistency. This Right to Farm ordinance speaks to the intent of the	
	Model Ordinance while not including it in its entirety. It does not	
	include the definitions from (a), nor some of the more specialized	
	permitted uses from (b), conformance with state and federal law (d) or	
	notice to purchasers (i). It does not mention the complaint process (g,	
	h).	
	Enactment. Right to Farm was part of the Unified Development	
	Ordinance adopted in September 2000 and was incorporated into the	
	Township's Codebook in August 2004. <sup>211</sup>	

Table 27. Municipal Right to Farm Ordinances (RTFO)		
Township/	RTFO (letter in parentheses indicate where ordinance topic coincides	
Borough	with SADC model ordinance)	
Franklin	Where Zoned or pre-existing. (b) The right to farm is recognized to	
	exist in the Township everywhere farming is permitted by zoning or	
Code#:	where existing farms are protected by 253-95. Protections include	
253-101	irrigation pumps and equipment, aerial and ground seeding/spraying,	
	large tractors, large numbers of farm laborers, housing, application of	
	fertilizers (but not biosolids) and pesticides; grazing (subject to zoning	
	district restrictions); (e) and concomitant noise, odor, dust and fumes.	
	(e) The protected activities may occur on holidays, Sundays,	
	weekdays, day or night, (c) when conducted in accord with generally	
	accepted agricultural practices. (f). Benefits more than offset nuisance.	
	(g) Grievances to CADB or SADC. (i) In addition, disclosure of	
	protected activities is required to purchasers and users of property	
	adjacent to, or near, commercial farms.	
	Notes. RTF section also requires buffers of 50' side/100' rear; major	
	subdivisions 200' wide vegetated strip along boundary with farmland assessed property.	
	Consistency. This ordinance does not include definitions from (a). It	
	specifically excludes biosolids in its list of permitted uses (b), which is	
	less comprehensive than in the model ordinance. While mentioning the	
	CADB/SADC complaint process (g), it does not mention the	
	Agricultural Mediation Program (h). It does address the other	
	elements of the model.	
	Enactment. Right to Farm was added to Code 7/23/1980, with sections	
	amended in 2001. No information on date of original ordinance.	
Harrison	Everywhere. (b) Amends section 101.1 of 1978 zoning ordinance to	
	"assure right to farm all land everywhere in township as permitted use,	
Code#:	without regard to specified or prohibited zone-specific uses elsewhere	
100; 451	in ordinance." Adds 10 <sup>th</sup> zone: right to farm land everywhere in	
	township. Adds 451, Right to Farm District. Permits farm machinery,	
	supplies, materials (including manures, fertilizers, insecticides, etc.),	
	laborers, animals, aerial/ground spraying; (e) exempts dust, noise,	
	odors, smoke/fumes from farming, including but not limited to	
	production and marketing of fruits and vegetables, hatching and	
	raising fowl, cattle breeding/keeping dairy cattle, livestock grazing and all other types, (c) in accordance with the usual farming practices	
	of the area. (e) Protects such activities on Sundays and holidays, day	
	and night. (f). Benefits supersede nuisance. (a) Defines "right to farm"	
	Consistency. One of the few municipal RTF ordinances that includes	
	marketing. Does not address (i) notice, (g, h) complaint process, (c)	
	generally accepted agricultural management practices or (a)	
	definitions, including reference to N.J.S.A. 54:4-23.1. Scope of	
	permitted uses broad, but not as comprehensive as model ordinance.	
	Enactment. Ordinance 01-1981.	

Table 27. Municipal Right to Farm Ordinances (RTFO)		
Township/	RTFO (letter in parentheses indicate where ordinance topic coincides	
Borough	with SADC model ordinance)	
Logan	Where Zoned or Pre-Existing .(a) Referencing N.J.S.A. 54.4-23.3,	
	23.4, 23.5 and 23.11, defines farming to include (b) growing and	
Code#:	harvesting of crops, housing for seasonal workers, barns and storage	
90	facilities, but not processing facilities and b) recognizes RTF where	
	permitted by zoning ordinance or where farming exists, at adoption of	
	chapter, as nonconforming use and (f) its benefits. (b) Permits	
	methods and practices (c) in accord with generally accepted	
	agricultural practice throughout the country, including (b) (1) roadside	
	markets, (13) replenishment of soil nutrients, (7) control of pests and	
	diseases, (14 and 1) harvesting of timber, clearing of woodlands, use	
	of (9) irrigation pumps and equipment, (15) on-site handling/disposal	
	of organic wastes, (9) aerial and ground seeding and spraying, (2)	
	temporary housing facilities for farm workers and (3) erection of	
	essential agricultural buildings. (e, c) noise and odor permitted when	
	in accord with generally accepted agricultural practice. (e) May occur	
	on holidays, Sunday, weekends and at night as well as during normal	
	working hours. (d) Subject to applicable federal, state and township	
	statutes, regulations and ordinances	
	Consistency. This ordinance includes 10 of the 17 uses specified in the	
	model ordinance. It does not incorporate the definitions and reference	
	to N.J.S.A. 54:4-23 from section (a) or the complaint process (g, h) or	
	require notice (i).  Enactment. RTF Ordinance adopted 11/10/1982. 212	
Mantua	Consistency. The ordinance adopted is the SADC model ordinance	
Iviaiitua	available at the time of adoption (a newer model ordinance now	
<b>Ord.</b> #	includes the right to generate power or heat using biomass, solar or	
O-12-2008	wind energy).	
0-12-2000	Enactment: RTF Ordinance adopted 7/28/2008.	
	Enaciment. 1711 Ordinance adopted 7/20/2000.	

Table 27. Municipal Right to Farm Ordinances (RTFO)		
Township/ Borough	<b>RTFO</b> (letter in parentheses indicate where ordinance topic coincides with SADC model ordinance)	
Monroe	Where Permitted. (f) Recognizes benefits. Protects owners who conduct agricultural activities (c) in conformance with agricultural	
Code#: 175-90	management practices set forth in this section and (d) all relevant state or federal law. (b) Permits (1) agricultural production as described in the standard industrial classification, (10) packaging, (11, 12) wholesale and retail marketing, (13) replenishment of soil nutrients, (7) pest and disease control, (14) clearing of woodlands, and (15) onsite disposal of organic agricultural waste. (c) Spells out standards, including those set by the SADC, NJDA, Soil Conservation Service and Rutgers Agricultural Experiment Station.  Notes:  Buffers. 175-93. H. Specifies special buffers of min. 50 feet in width for property abutting a property line of any lot in AG district.	
	Consistency. The definitions section of the code defines (a) agricultural commercial establishment, agricultural employee housing, agricultural or horticultural purpose or use, agricultural products processing facility, farm accessory uses, building and principal uses. Chapter 90 references (b) 8 of the 17 permitted uses, including marketing, but does not reference (g, h) a complaint process or (i) require notice to purchasers, nor does it address (e) time of operation.  Enactment. Chapter 175 adopted 6/6/1984, Ordinance #O-7-84.	
Newfield	Where Zoned. Ordinance (b) prioritizing agriculture use of land within agricultural zoned areas (legitimizing use of equipment, sprays,	
<b>Code#:</b> 90-5	fertilizers and other incidental rights and activities) and requiring (i) landowner notification to purchasers re agricultural zone.  Consistency. Very briefly addresses Right to Farm and, therefore, does not have the scope or comprehensiveness of the model RTF ordinance.  Enactment. July 10, 1990 (Ordinance #90-5)	

Table 27. Municipal Right to Farm Ordinances (RTFO)		
Township/	RTFO (letter in parentheses indicate where ordinance topic coincides	
Borough	with SADC model ordinance)	
South	Everywhere. Regardless of nonconforming designations/regulations in	
Harrison	Part 5, Zoning. (a) Defines farm, and residential agriculture. (b)	
	Protected uses include (b) irrigation pumps/equipment, aerial/ground	
Code#:	seeding/spraying; large tractors; farm laborers;	
90-5-36	fertilizers/insecticides/herbicides; livestock grazing/raising, subject to	
	state/federal restrictions for intensive fowl and livestock farms. (e)	
	Permitted weekdays, weekends, holidays.	
	Consistency. Does not include definitions from (a) or many of the uses	
	outlined in (b), or sections (c), (d), (f), (g), (h) or (i) or mention	
	incidental noise, odors, dust and fumes in its statement about	
	permitted times (e) .	
	Enactment. The Code of the Township of South Harrison was adopted	
	July 12, 1995 by Ordinance 0-3-95. Amendments are noted where	
	applicable.	
Woolwich	Everywhere. Mirrors the model ordinance, sections A-H.	
	Buffers. Article XIII Agricultural Buffers requires a 100-foot buffer,	
Code#:	with vinyl-coated chain link and vegetative fencing to insulate	
203-18	residential uses from agricultural uses.	
	Consistency. Picking up the language of the model ordinance, this	
	municipal RTF ordinance is predominantly consistent, although it	
	does not include section (i) requiring notice to purchasers.	
	Enactment. Chapter 203: Zoning was adopted 11/30/1992. There have	
	been several amendments to the Right to Farm section. The earliest	
	date is 3/21/1994 and the most recent date is 3/21/2005. It does not	
	mention the original date of enactment of the RTF provision.	

In its conversations with municipal officials, the CADB can encourage municipalities that don't have Right to Farm ordinances to adopt them and encourage municipalities that do to review their ordinances against the state model ordinance with an eye to strengthening their ordinances by incorporating additional aspects of the model ordinance.

# Farmland Assessment

The Farmland Assessment program is a tax incentive that reduces property taxes on active commercial farmed land, thereby assisting farmers with a critical financial aspect in helping to keep land in farms. This tax incentive is made possible by the Farmland Assessment Act of 1964, N.J.S.A. 54:4-23.1 et seq. Its provisions were recently updated by legislation that was signed into law in 2013. The new provisions become effective in tax year 2015.

Basic eligibility requirements include:

- The applicant must own the land;
- The property owner must apply annually for Farmland Assessment on or before August 1 of the year immediately preceding the tax year and effective in tax year

- 2015 must submit proof of sales or clear evidence of anticipated gross sales along with the FA-1 application form;
- Land must be devoted to agricultural and/or horticultural uses for at least two years prior to the tax year;
- Land must consist of at least five contiguous farmed and/or woodland management plan acres. Land under or adjoining a farmhouse is not counted towards the minimum five acres;
- Effective in tax year 2015, gross sales of products from the land must average at least \$1,000 per year for the first five acres, plus an average of \$5.00 per acre for each acre over five. In the case of woodland or wetland, the income requirement is \$500 for the first five acres and \$.50 per acre for any acreage over five. Dependent on the agricultural or horticultural products being produced, the farmer also can offer clear evidence of anticipated yearly gross sales, payments, or fees within a reasonable period of time; and
- The property owner must represent that the land will continue in agricultural or horticultural use to the end of the tax year.
   (NJDA Farmland Assessment Overview)<sup>213</sup>

The Farmland Assessment program does not apply to farm structures, such as barns and storage facilities. It has been proposed that additional tax incentives are necessary that encourage farmers to maintain their buildings in good working order as part of active farm operations, and that do not financially penalize them for renovating, or replacing, old or unsafe structures. Maintained buildings not only are critical to the farmer but also add to farm "aesthetics" for the larger community, helping to support agritourism, an important element of agricultural sustainability in Gloucester County.

Gloucester County is 336.7 square miles, or 215,471 acres. Of this, 56,859 acres, or 26% of the County, was under farmland assessment in 2012. General trends indicate a downward trend in overall farmland assessed acreage since 1983:

#### **Active Agricultural Acreage**

- Harvested cropland in farmland assessment was 59,736 acres in 1983, and has steadily decreased to a 2012 figure of 35,404 acres (-41%);
- Pastured cropland in farmland assessment was 2,696 acres in 1983, decreasing to 746 acres in 2012 (-72%);
- Permanent pasture acreage in farmland assessment decreased from a 1983 figure of 3,706 acres to 2,469 acres in 2012 (-33%);
- The Active Agriculture subtotal decreased correspondingly, from 66,138 acres in 1983 to 38,619 acres in 2012 (-42%).

#### **Woodlands and Equine**

• Equine acreage, which is defined in farmland assessment as boarding, rehabilitation and training acreage, has had an overall increase of 52% since it was first measured in 2000, from 195 acres to 296 acres in 2012;

- Unattached woodland/wetland acres rose more than 100% from 5,017 acres when first reported in 1990 to 10,213 acres in 2012;
- Attached woodland/wetland acres have declined by almost half, from 15,204 acres in 1983 to 7,688 in 2012 (-49%);
- Renewable Energy acreage is now tracked in the farmland assessment reports; it accounted for 10.8 acres in 2011 and 43 acres in 2012.

#### Totals

• The total County farmland assessed acreage (including active agricultural use, woodlands and equine) decreased less dramatically, with decreases in active agricultural use offset by increases in equine and unattached woodland. In 1983 there were 81,273 acres, compared to 56,859 acres in 2012, a 30% decrease of farmland assessed acreage.

(Gloucester County Agricultural Profile)<sup>214</sup>

It is important to sustain and expand tax incentives such as Farmland Assessment to keep land in farms, and to encourage the development or extension of other tax incentives for the agricultural industry. By making agriculture more profitable and viable, tax incentives will help ensure a steady, permanent source of agricultural lands for the County's farmland preservation efforts.

# Additional Strategies to Sustain, Retain, and Promote Agriculture in Gloucester County

# Regulatory Flexibility

Municipalities play a key role in the preservation of farming as an industry. Without strong and active support from municipal governments, farming can be too costly and burdensome to be profitable or worthwhile. In towns with a sizable acreage of assessed farmland, zoning powers can be utilized to require buffers between agriculture and other uses to minimize conflict. The aforementioned Right to Farm Ordinances are active examples of municipalities' support for agriculture. However, the support of municipal governments must not only be on paper but also be actively practiced so that agriculture is seen as an important and permanent part of the community.

For the most part, Gloucester County municipalities with an agricultural base want to keep their farmers in business. South Harrison, Elk and Woolwich Townships are examples of municipalities that tend to be farm friendly with issues that come before them. "We know from talking with municipal officials," says Ken Atkinson, "that they have taken efforts to try to make sure the farmers are able to farm in a growing community." Elk Township, for example, has been proactive on their farmers' behalf, encouraging the County to post farm-friendly signs such as "Slow Tractor Crossing" on some County roads. Farmers are complaining not primarily because the traffic has increased due to development, but because the cars are moving fast. (Ken Atkinson)

A few other municipalities have created problems for farmers over zoning issues, particularly with down zoning. When it comes to financial assistance, the value of farmland is determined by how many houses can be built on it. Down zoning from a one acre to a five acre lot, or a three acre to a ten acre lot, means fewer houses can be built, thereby devaluing the land in the eyes of the bank or other financial institution and making it harder for farmers to use their land as collateral in obtaining loans. Other issues are signage, building codes, health issues, and disputes with homeowners on property lines, fences, spraying and noise. These are issues where the municipality can help by having farm friendly ordinances in place and by having a strong definition section written into their code to make a clear interpretation easier. (Ken Atkinson/Jerome Frecon (retired))<sup>215</sup>

The viability of farming in New Jersey is impacted by many issues, including government regulation, development pressures and the economics of the marketplace. While land preservation is vital for maintaining a sufficient land base suitable for farming, sustaining Gloucester County's strong agricultural base requires support on many fronts, one of which is flexibility in government regulation. (Agricultural Smart Growth Plan 2006)<sup>216</sup> The Gloucester County Planning Board, CADB, Board of Agriculture, County Freeholders, County Office of Land Preservation, Soil Conservation District, Natural Resources Conservation Service, Rutgers Cooperative Extension, municipal planning and zoning boards, chambers of commerce, regional planning organizations such as the Delaware Valley Regional Planning Commission, and private and nonprofit farm preservation groups such as the South Jersey Land & Water Trust, South Jersey Bayshore Coalition, and other interested entities and individuals, can work together to present a united front in issues regarding government regulation and permits. The New Jersey Department of Agriculture (NJDA) 2006 Agricultural Smart Growth Plan for New Jersey identified the following as important relative to regulatory flexibility and priority, which can also serve as goals toward which the aforementioned entities can work to ensure proper advantage for agriculture in Gloucester County:

**Positive and supportive public policy**: This includes legal protection (right to farm), priority in decisions on taxation (farmland assessment), regulation exemptions, and financial incentives (Planning Incentive Grants). These need to be strengthened and modified if, and when, necessary;

**Exemptions:** State, county and municipal regulations must be responsive to the needs of farmers. Minor changes to, or exemptions from, certain local and state regulations, rules and ordinances help to buffer agricultural operations from burdensome costs, thereby creating a farmer-friendly environment. Pertinent examples include the Right to Farm Ordinances in ten of the twenty-four municipalities within the County. At the state level, the Department of Environmental Protection (NJDEP) "Freshwater Wetlands Protection Act Rules" (N.J.A.C. 7:7A-et. seq.) and "Flood Hazard Area Control Act Rules" (N.J.A.C. 7:13) grant exemptions, permits-by-rule, or general permits for agricultural activities. The Gloucester County agriculture community must work to ensure that exemptions are adequate and reasonable;

**Flexibility:** State agencies such as the NJDEP, Department of Transportation, Department of Community Affairs, Department of Labor, and New Jersey Commerce Commission, can consider the NJDA 2006 Agricultural Smart Growth Plan for New Jersey when making important decisions regarding existing and proposed infrastructure, developing and amending regulations and programs, and protecting environmental and historic resources. These agencies can coordinate with the NJDA to ensure that regulations and programs are attuned to the needs of Gloucester County farmers;

**Agriculture-Friendly Zoning**: This refers to a comprehensive land use practice that coordinates zoning and land use policy in a proactive way. The desired result is that it encourages agribusiness, while at the same time reducing the incidence of farmer-homeowner nuisance issues. In other words, it seeks to harmonize potentially conflicting land use policies. This strategy would be done mostly at the local and county levels. (*Agricultural Smart Growth Plan 2006*) Examples of such zoning include:

- Agriculture as a permitted use either in an entire municipality or at least in a large enough portion of it to ensure agricultural viability; five of the ten towns with Right to Farm ordinances allow agriculture as a permitted use throughout the town; in the other five, agriculture is allowed where zoned or previously existing or where permitted;
- Farmland Cluster or Open Lands Ratio zoning, which gives a bonus density for clustering development on a small portion of large tracts of developable land, either contiguous or noncontiguous, while leaving a high percentage as open land (often 65%-75% to be eligible for the density bonus) and deed restricting that land to ensure that it continues in agricultural use; in Gloucester County, cluster development has been done in Harrison and Washington (although it has only a small agricultural base), and Elk Township is in the process of considering such a development; and
- Transfer of Development Rights (TDR), which allows development credits to be transferred from a sending area to higher density receiving area, thus protecting lands in certain areas from being developed, while encouraging development in areas targeted for growth; in Gloucester County, Woolwich Township has a TDR plan received New Jersey Future's Smart Growth award in 2010.

#### Agriculture Vehicle Movement

In recent years, with many portions of the rural New Jersey landscape becoming developed with residential subdivisions and shopping malls, the lifestyles of farmers and suburban residents sometimes clash. Gloucester County farmers need to move heavy, slow moving agricultural equipment over local, county and sometimes state roads to access unconnected fields and barns. The County's residents also need to commute to workplaces, or drive to area destinations for shopping, town sports and social activities, at a pace much faster than the slow moving agricultural equipment. These different paces can, and do, cause conflict between Gloucester County's farmers and suburban dwellers. They also can create unsafe road conditions as residents and farmers "compete" for road space.

Since many farm vehicles travel over local municipal roads, municipalities should continue to support local agricultural businesses' right to do so. The SADC model Right to Farm ordinance recognizes as a specific right the operation and transportation of large, slow moving equipment over roads. Of the ten Gloucester municipalities with Right to Farm Ordinances, six specifically protect the right to transport tractors and slow moving farm equipment on local roads (Elk, Franklin, Harrison, Mantua, South Harrison, Woolwich). The remaining four towns with Right to Farm Ordinances could consider changing their ordinance to specifically protect the movement of farm equipment on local roads (East Greenwich, Logan, Monroe, Newfield). In addition, where feasible, Gloucester County and local road departments can consider creating "farm travel lanes" by widening shoulders on key roads used by farmers to transport farm equipment.

Signage alerting fast moving cars to the possible movement, and road crossing, of slow moving farm vehicles is an additional, effective tool to protect farmer (and automobile passenger) safety. Signage also informs the public at large that agriculture is an important, equal and permanent fixture of Gloucester County life. Where absent or inadequate, appropriate signage can be posted. Local Gloucester County governments may consult with farmers as to what adequate signage is, and where it should be posted, and as in the case of Elk Township, mentioned previously, contact the County to request signage for the County roads in their municipalities, where needed.

State motor vehicle regulations also affect farmers. The RNJAESCE includes on its website a link to an *Overview of Motor Vehicle Statutes and Regulations Impacting NJ Farmers*, <sup>217</sup> which includes a contact at the USDA, Karen Kritz, 609-984-2506 or *Karen.Kritz@ag.state.nj.us*, who can handle questions farmers may have.

#### Farm Labor in Gloucester County

The 2007 Census of Agriculture reported that on a national level the following sectors reported the highest costs for farm labor (in decreasing order): greenhouse, nursery and floriculture; fruit and tree nuts; dairy cattle and milk production; and vegetables and melons. All are important sectors in Gloucester County agriculture, and an adequate labor supply is integral to the success of these sectors.

The U.S. Census of Agriculture figures for 1987 through 2012 show that farm labor costs in Gloucester County have hovered around 30% of total farm production expenses (Figure 27. Gloucester County Farm Labor as a Percentage of Production Costs; note that not all farms require hired labor). In that 25-year time period, the number of farms requiring hired labor as a percentage of all farms has dropped from 43% to 27%, while the cost has risen 73%, to \$19,161 million. Overall production expenses rose 80%, from \$36.3 million to \$65.4 million; the peak year was 2007, with farm labor costs of \$22.2 million and overall production expenses of \$74.8 million. (Census of Agriculture)<sup>218</sup> These figures suggest that labor costs are a significant factor, representing about a third of overall expenses when averaged across all farms. However, labor costs can be up to 60-65% of the total cost of producing the more intensive crops, such as produce and greenhouse/nursery/horticulture, the latter of which also requires a large number of highly skilled employees. With a minimum wage of \$8.25 per hour, New Jersey has one of the higher per hour base rates of any state in the country, putting farmers here at a

profitability disadvantage against farmers in other regions of the country. Because of the high costs of wages and housing some farmers have chosen to move away from labor-intensive crops to those products that allow more mechanization. (*Jerome Frecon, retired*)

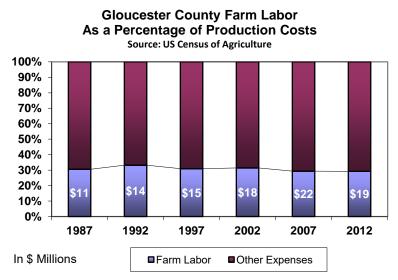


Figure 27. Gloucester County Farm Labor as a Percentage of Production Costs

Much of Gloucester County's farm labor is seasonal, making labor *supply* a major factor for many County farmers. Some farmers attract day laborers who commute from nearby Philadelphia and Camden, Salem and Vineland. Farmers who use labor year-round may recruit their own labor. Farmers with large operations have more problems. The U.S. Department of Labor's H2A temporary agricultural program establishes a means for agricultural employers who anticipate a shortage of domestic workers to bring nonimmigrant foreign workers to the U.S. to perform agricultural labor or services of a temporary or seasonal nature. The H2B program serves the same purposes for temporary non-agricultural workers.<sup>219</sup> A number of farmers rely on a seasonal labor pool from Puerto Rico that has been coming for 50 years; other laborers come in from the South or from Mexico. This creates an added demand – and an added expense for farmers – they need to provide places for these workers to stay. Providing temporary housing for seasonal laborers can be difficult because there often are conflicts with municipalities over building codes and other regulations for maintaining labor housing. (Jerome Frecon retired) At least five municipalities with Right to Farm ordinances allow for the housing and employment of necessary farm laborers: Franklin, Logan, Mantua, Monroe and Woolwich Townships.

The RNJAESCE provides resources to farmers for labor issues by posting a page listing important farm labor phone numbers on its website. <sup>220</sup> It also sponsors a seminar on farm labor every spring, in conjunction with the New Jersey Farm Bureau. The seminar brings farmers up to date on new issues regarding regulations.

#### State Initiatives Regarding Farm Labor

Even with New Jersey's disproportionately high wages, hired farm workers continue to be one of the most economically disadvantaged groups here as in the rest of the United States. Most of the labor force is Hispanic; the percentages of non-Hispanic and youth labor are small. Wages are low relative to other occupations, employment is often seasonal, and these workers often have limited participation in the non-farm labor market. Therefore, as an important statewide resource to the agricultural industry, the New Jersey Department of Labor recommends that more be done to ensure a well-trained, educated farm labor workforce that has adequate living and working conditions, and is trained in worker safety. (Agricultural Smart Growth Plan 2006)

The New Jersey Department of Labor recommends the following to address farm labor issues at the state and local levels:

- Work with the United States Department of Agriculture (USDA), Rural Development
  program to reexamine program criteria to enable New Jersey's rural communities to
  qualify for more programs related to farm labor. The current focus of the program,
  such as rural area infrastructure, is not applicable to Gloucester County (and New
  Jersey);
- Link neighborhood revitalization efforts with housing opportunities for farm workers and, where appropriate, establish on-site housing, to ensure a safe and stable workforce:
- Develop and promote comprehensive and ongoing training opportunities for farm workers;
- Work with the New Jersey Department of Labor, the RNJAESCE and others to provide farm safety training; and
- Join other agricultural stakeholders in supporting ongoing efforts at the federal level to streamline and modernize the immigration process.

  (Agricultural Smart Growth Plan 2006)

In January 2006, the "Agriculture Transition Policy Group" (Group), composed of government and agriculture industry representatives, submitted a report to then Governor-elect Jon Corzine, with recommendations to keep agriculture strong and viable in the Garden State. The Group reported many serious problems facing New Jersey farm employers. Two of these are the impacts of the new state minimum wage [now \$8.25 per hour versus the federal minimum wage of \$7.25 still used by some other states], and the ever looming issue before the U.S. Congress regarding immigration and undocumented workers. The Group reports that the sponsor of the minimum wage legislation has promised to "re-visit the issue for agriculture to find some off-sets that will protect farm viability and keep the industry at a competitive level." (Agriculture Transition Policy Group)<sup>221</sup> The cost of labor in New Jersey is a significant issue for some farming sectors such as produce, and one that needs further consideration for its effect on agriculture in Gloucester County and New Jersey. This is because as labor costs increase, so does the cost to farmers of producing commodities. Though a farmer may wish to raise his/her prices to cover increased production costs, this is many times not feasible due to competition from neighboring states with lower labor and other production costs. The

result is lower profits for Gloucester County and New Jersey farmers, making the business of farming less profitable, and therefore more difficult.

The NJ Department of Labor issued an Agricultural Outreach Plan for Program Year 2014 (July 1, 2014 – June 30, 2015), which includes an overview of the activities, strategies and services planned for the program year. Many of these are effected through two South Jersey One-Step Career Centers, one in Vineland and one in Hammonton, servicing 300 and 130 farm employers respectively, as well as H2A and Agricultural Recruitment System (ARS) applications. They also serve as Farm Labor Contractors registration sites, and are tasked with making outreach visits to the agricultural community. These centers provide services to migrant seasonal farm workers (MSFWs) in terms of helping them find agricultural and non-agricultural jobs. MSFWs include seasonal and migrant (intrastate, interstate and H2A foreign labor certified) workers. (Agricultural Outreach Plan)<sup>222</sup>

# Agriculture Education and Training

To sustain a modern, diverse and stable food and agricultural industry, education and progressive, ongoing training for farmers will promote a more efficient and productive business environment. This includes programs covering "farmer risk management education, labor education including worker safety, agricultural leadership training, secondary school and college agricultural education." (Agricultural Smart Growth Plan 2006)

One educational link for Gloucester County agricultural land owners and operators is to collaborate with the Rutgers New Jersey Agricultural Experiment Station, Cooperative Extension of Gloucester County. There is not a minimum or maximum size farm to which the RNJAESCE will lend assistance, so long as it is farmland assessed. During the growing season, RNJAESCE of Gloucester County can provide one-on-one, on-site consultations with farmers to assist with control of insect infestations and plant diseases for fruits, vegetables, greenhouse nurseries and ornamentals, Christmas trees, and also for field crops. Similar farm animal consultation can be provided on a year round basis. During these one-on-one consultations, technical scientific research is relayed to the farmer in a useful and applicable manner.

Also during the growing season, RNJAESCE of Gloucester County coordinates with other RNJAESCE offices in southern New Jersey to conduct on-site farm meetings regarding a range of agricultural issues including vegetable growing, safe operation of farm equipment, and programs to certify and recertify farmers for pesticide application licenses.

Jerome Frecon, who retired in 2012, refers to the on-farm meetings as "twilight" or "evening meetings." He has found that holding them after 5 p.m. boosts attendance. Sometimes he will hold an all-day meeting on a farm, for example a pruning workshop, but generally, the longer meetings are held in the County offices where the RNJAESCE is housed, or at a research station, such as Upper Deerfield in Cumberland County.

In 2014, the RNJAESCE made 76 on-farm visits to assist commercial growers; held 28 professional education seminars attended by 1,575 farmers, horticulturalists and educators; and made 75 education presentations to 4,870 combined attendees<sup>223</sup>. (*Michelle Infante-Casella*) These meetings often draw a regional audience. For example, peach workshops will often draw from Pennsylvania and Long Island because they do not have similar expertise there. In exchange, Gloucester County farmers sometimes attend meetings in other areas if the topic is of interest. Additionally, the RNJAESCE occasionally hosts a meeting in cooperation with another agency. If warranted, they will rent a facility and charge a fee to cover costs. (*Jerome Frecon, retired*)

RNJAESCE of Gloucester County also provides practical assistance to farmers. Examples include:

- Assistance with obtaining water certification and registration permits from the New Jersey Department of Environmental Protection, for groundwater and/or surface water allocations;
- Soil testing for fields and pastures;
- Assistance with obtaining farmer certificates for N.J. Division of Motor Vehicle registrations;
- Assistance with applications for "Outstanding Young Farmer" (OYF) nominations. OYF is a state award given annually by the NJDA which "recognizes the outstanding achievements of a young person engaged in farming in New Jersey" (Outstanding Young Farmer's Award)<sup>224</sup>;
- Assistance with grant applications to the NJDA for various types of economic assistance. Examples include *Jersey Fresh* grants to advertise;
- Distribution of *Jersey Fresh* and *Jersey Grown* promotional material such as bumper stickers, banners and t-shirts;
- Assistance to connect owners of farmland with tenant farmers, so that land may stay in farmland assessment;
- Assisting new farmers with various regulatory requirements, and acquaintance with various farmer organizations;
- Holding Forestry Stewardship Programs;
- Development of specialized literature, such as a Peach Buyers Guide for buyers and distributors, a factsheet series and Web page for agritourism;
- Procuring a USDA Specialty Crops Block Grant to conduct Direct Marketing Seminars for farmers;
- Providing outreach through the RNJAESCE of Gloucester County Website, and at the annual 4-H Fair (also see *Public Outreach* later in this *Chapter*); and,
- Providing agricultural fact sheets and bulletins and links to RNJAESCE publications in other counties through the RNJAESCE of Gloucester County website; with Internet access available on 433 out of 584 farms in 2012 (versus 410 out of 669 in 2007) (Census of Agriculture), educational resources on the Web allow farmers to educate themselves at their convenience;
- Publication of the *Gloucester County Agricultural Updates*, an email newsletter that is available to anyone who provides their email address. The newsletter covers news and issues for Gloucester County farmers.

The RNJAESCE of Gloucester County performs applied research on area farms to further knowledge on a wide range of issues pertaining to agricultural plants and animals. Results of any research are used to advise local farmers on an as needed basis. Examples include varietal and cultural studies on vegetables. In 2011, research included sweet potato variety trials, evaluation of summer cover crops, cover crop trials using forage radishes for soil improvement, high tunnel tomato production testing to see if it is a viable way to lengthen the production season for high value crops, and a survey of vineyard grape varieties. The RNJAESCE also competes for USDA grants. The results of the studies funded by these grants often form the basis for updates to an annual statewide guide that provides recommendations on varieties to grow (a 2011 example evaluated 172 peach hybrids), pesticide use and growing techniques. The annually updated publication is approved by the SADC as providing Right to Farm best management practices (BMPs). (*Michelle Infante-Casella*)

All of the aforementioned available programs and assistance offer an individual farm operator the opportunity to gain the latest information on numerous and pertinent agriculture topics that are important to agricultural sustainability.

Through its Division of Agriculture and Natural Resources Natural Resources Conservation Program, the NJDA offers technical, financial and regulatory assistance, and provides educational outreach to landowners throughout the state. (Agricultural Smart Growth Plan 2006) The Department also offers, in conjunction with the Risk Management Agency of the U.S. Department of Agriculture (USDA) and the Salem County RNJAESCE, farm risk management and crop insurance education programs (the Garden State Crop Insurance Education Initiative) to assist farmers in understanding what assistance is available to reduce agricultural risks. An 800 number and an online form are provided on the Salem County RNJAESCE website. (NJDA)

Agriculture labor education and training funding may be available through the New Jersey Department of Labor and Workforce Development Programs. These programs can help to assist in upgrading the skills and productivity of the agricultural workforce. (*Training*)<sup>226</sup> Some of the programs that may be applicable include Customized Training Initiative, Basic Skills Program, and Occupational Safety and Health Training Program.

The New Jersey Department of Agriculture hosts a Web page with links and information on Agricultural Education, geared mostly toward teachers but also listing conferences and other information of potential education interest to farmers. <sup>227</sup>

The New Jersey Farm Bureau also hosts educational meetings and provides educational information for farmers on its website, about legislative issues, such as the new Farmland Assessment provisions effective in tax year 2015, regulatory issues and other topics that affect farmers. (*New Jersey Farm Bureau*)<sup>228</sup>

Finally, as a form of "education," government agencies at the state and county level can provide continuous outreach information to farmers, to ensure they take full advantage of all federal and state loan, grant, education, and technical assistance programs. This is especially important since these programs are meant to aid the farming business to thrive

and survive. Due to the complexity and vast array of the programs, they may be unknown to many farmers.

#### Youth Farmer Education Programs

Due to the aging farmer population in Gloucester County (59.3 years in 2012, as compared to 51.6 years in 1982), the next generation of the County's farmers needs to become interested in, and exposed to, the business of agriculture, and be prepared to enter the industry. (Census of Agriculture))<sup>229</sup> Education programs in agriculture offered as an optional and viable opportunity for the youth of Gloucester County can assist those who are interested in pursuing such careers. Creating new opportunities via secondary and post secondary education programs in Agriculture, Food and Natural Resources can reassure students that opportunities exist for them in Gloucester County. (Agricultural Smart Growth Plan 2006)

At the post-secondary level, neither Rowan University in Glassboro nor its two-year adjunct Rowan College at Gloucester County (formerly Gloucester County College) in Sewell offers agriculture education courses, nor does the high school level Gloucester County Institute of Technology (CGIT). However, colleges in two neighboring counties do: Camden County College offers a program in veterinary technology and Cumberland agriculture/agribusiness, County College offers programs in agriculture, agriculture/ornamental horticulture, floriculture, and horticulture. <sup>230</sup> In addition, the School of Environmental and Biological Sciences at Rutgers, the State University of New Jersey, offers courses of study in agriculture sciences, animal science and plant science, among others.<sup>231</sup> Plus, as mentioned in Chapter 6, there is talk of instituting a food sciences and an equine program at Rowan College at Gloucester County. The NJDA Agricultural Education Bulletin Board hosts a Directory of NJ Ag, Food and Natural Resources Education Programs and Related Organizations that lists agriculture-related programs at high schools and institutions offering post-secondary and associate degree programs. <sup>232</sup> (NJDA)

The National Future Farmers of America (FFA) Organization "operates under a Federal Charter granted by the 81st Congress of the United States, and is an integral part of public instruction in agriculture." (*National FFA Organization*)<sup>233</sup> The National FFA Organization was founded in 1928, and currently has 579,678 FFA members, aged 12–21, in 7,570 chapters in all 50 states, Puerto Rico and the U.S. Virgin Islands. (*National FFA Organization*) The FFA website identifies three local chapters in Gloucester County:

- NJ0020 Gloucester Co Institute of Technology FFA (Agricultural Scholarship)
   1360 Tanyard Road, PO Box 800, Deptford Township, NJ 08080
- NJ0067 Bankbridge Regional FFA (horticulture; special needs students) 870 Bankbridge Road, Deptford Township, NJ 08080
- NJ0065 Delsea Regional HS (classes in horticulture)
   242 Fries Mill Road, Franklin, NJ 08322

Karen Hutchinson is the Local Program Success Team Specialist serving New Jersey. She is located in Dover, Delaware, and can be reached at khutchison@ffa.org or 302-270-2085. The Gloucester County Agriculture Community can look to expand agriculture

education to more schools, perhaps introducing, or reintroducing agriculture-related courses at the GCIT, so that more youth are exposed to agriculture, and may become interested in it as a future career.

Youth agriculture education classes or programs are not offered at any elementary schools within the County, but are an opportunity to cultivate young people's interest in the field of agriculture. The National Agriculture in the Classroom program helps K-12 students become aware of the importance of agriculture.

4-H is an informal, practical educational program for youth that gets high participation in Gloucester County and which assists young people interested in farm animals through livestock projects. The New Jersey Agricultural Society's (NJAS) Agricultural Leadership Program provides young professionals in agriculture with leadership development skills and opportunities. (Agricultural Smart Growth Plan 2006) The 4-H Youth Development program is overseen by the Gloucester County RNJAESCE. Information about membership and events is available on the RNJAESCE website. (RNJAESCE) The New Jersey Agricultural Leadership Development Program is administered by Burlington County College. (NJAS)

In addition, the New Jersey Department of Agriculture offers an "Agricultural Education" program. This is "a systematic program of instruction available to students desiring to learn about the science, business, and technology of plant and animal production and/or about the environmental and natural resources systems. A complete Agricultural Education program is composed of three components: class/lab instruction, supervised agricultural experience (SAE), and FFA, which provide a well-rounded and practical approach to student learning." (*NJDA*)<sup>236</sup>

#### Public Outreach

Over the last 50 years, New Jersey has transformed from a largely rural and agricultural landscape to a more urban and suburban landscape. However, farming remains strong and viable in many portions of the state, including Gloucester County. If the County's remaining agricultural areas are to survive and prosper, the non-farming public needs to be aware of, and financially supportive of, the continuing economic, cultural, scenic and agricultural contributions made by Gloucester County's farming community. And they must realize that if they want to continue to enjoy the scenic vistas, fresh produce, clean air and limited traffic congestion that Gloucester County's agriculture provides, they must be tolerant of the farming community. Public education and outreach can increase the recognition of the farm industry's importance to the non-agriculture resident, and should be continued and expanded whenever possible.

Marketing, advertising and agritourism initiatives by individual farmers all provide visibility for the agricultural community and are positive forms of public outreach. This outreach can be supported and built on by County, state and municipal-level organizations that promote the farming community as a whole. Expansion of agriculture and agritourism-related signage at the municipal and county levels is one way to increase visibility. Another is to promote an agricultural presence at fairs, festivals and other community events by having agricultural organizations set up informational tables or

cooperative farmstands. These initiatives would complement and expand on what is already happening, such as the annual Gloucester County 4-H Fair and NJ Peach Festival. (see *Chapter 6* for a more detailed discussion)

Local, county and state government can advertise the contributions of the farming community via public outreach at local schools as well. Education in the schools is a good starting point to make young people aware of agriculture and farming as a way of life. The RNJAESCE has an active 4-H program and a junior master gardener program, but more could be done directly in the schools to promote agriculture to youth. Some farms in Gloucester County offer on-farm tours to school groups, bringing youth to the farms, but more farmers could be encouraged to do this, or a broader, organized program or schedule of school tours might be implemented. Farmers and the RNJAESCE also could bring farming to the school.

# Management of Nuisance and Crop Damaging Wildlife

Management of nuisance and crop damaging wildlife is critical to the short and long term sustainability of Gloucester County's agriculture industry. Crop damage from wildlife leads to economic loss for the farmer and/or land owner. Deer, turkeys and groundhogs are major contributors to the ever-increasing problem. So is development, which narrows the habitat for both the nuisance animals and their predators, increasing densities of the unwanted animals and pushing the predators to seek other territory. At present, hunting is about the only method available to farmers. Although many farmers are avid hunters and a few do apply for depredation permits that allow them to hunt out of season, even hunting is becoming a less available solution. The development that takes away territory for these animals also limits the farmers' ability to hunt. As farms become smaller and more developments are built adjacent to farms, areas can no longer be hunted, even by the farmers who own the land, because they would be hunting too close to a neighboring dwelling. The deer fencing program that had been available to farmers on a cost-sharing basis (see *Chapter 7*) but did not have many Gloucester County participants, particularly among farmers with large crop areas such as corn and soybeans, since they felt that it was not cost effective, unless more funding was available for posts and installation. However, deer pressure has increased and now farmers have realized the benefit. Unfortunately, the program for fencing through NJDA is no longer available. (Michelle Infante-Casella)

State, county, and local government units must be sensitive to the negative economic impacts caused by crop damage, and support efforts to control it through education, technical and financial assistance, and regulatory flexibility. Gloucester County farmers can continue to work with the NJDEP and NJDA, as well as counties and municipalities, to develop and implement wildlife control strategies on privately and publicly owned land. (Agricultural Smart Growth Plan 2006)

Insects are another nuisance causing crop damage. The pesticides used to control them can cause other kinds of damage, possible health concerns for the end user of the product, and pollution of the County's water supply. At the County level, studies undertaken by the RNJAESCE, like a perimeter trap study on insects and pumpkins undertaken several years ago and the IPM resources already available through the RNJAESCE, are attempts to help solve these problems in ways that work for both the farmer and the environment.

At the state level, the NJDA's Division of Plant Industry works to safeguard New Jersey's plant resources from injurious insect and disease pests. The Division implements several programs for detection, inspection, eradication and control of insect pests, which helps to ensure that the public can enjoy high quality, pest-free agricultural products. (Programs)<sup>237</sup> In addition, the Division "oversees programs that certify plant stock for interstate and international shipments, protects forested communities from tree loss caused by the gypsy moth and Asian longhorned beetle, inspects honeybees for harmful bee diseases and pests, regulates the quality of plant seeds, and produces and releases beneficial insects to reduce crop and environmental damage and decrease dependence on chemical pesticides." (Programs) Protection of forest resources is important to Gloucester County farmers who harvest wood as part of woodland management plans on their farmland assessed properties; close to 18,000 out of the 56,859 acres farmland assessed for agricultural/horticultural use in Gloucester County in 2012 were woodland acres, and more than 10,000 of those acres were unattached or non-appurtenant acres, which require Woodland Management Plans. (Farmland Assessment Data)

One important example of the Division of Plant Industry's work is in control of the gypsy moth. The gypsy moth is considered the most destructive defoliation forest insect pest in New Jersey. The Division's Gypsy Moth Suppression Program is a voluntary cooperative program involving local governments, county and state agencies, as well as the USDA Forest Service. The Division promotes an integrated pest management approach, which "encourages natural controls to reduce gypsy moth feeding and subsequent tree loss." (Gypsy Moth Suppression)<sup>238</sup> However, aerial spray treatments of the chemical insecticide Bacillus thuringiensis are utilized when gypsy moth cycles are at a peak and natural controls are not sufficient to control defoliation. No aerial spraying took place in Gloucester County in recent years, and annual surveys show that areas of defoliation have declined from a high of 1,967 acres in 2007 (most in Franklin Township), the first year for which data is available on the website, to 35 acres in 2013 and no reported acres in 2014. (Gypsy Moth Suppression)

The federal government is a key partner in supporting Gloucester County agriculture. There are several federal programs that support, or could support, the agricultural industry in Gloucester County. A discussion of these programs follows below.

## USDA Rural Development Program

The United States Department of Agriculture (USDA) has an extensive array of loans and grants, known as the Rural Development Programs, to assist residents in rural areas of the country to support essential public facilities and services such as water and sewer systems, housing, health clinics, emergency service facilities, and electric and telephone service. The Agricultural Act of 2014 (Farm Bill) updates the Rural Development Programs in several ways, including:

- Makes areas with population up to 35,000 and rural in character eligible (formerly eligibility cutoff was 10,000 municipality and 50,000 city)
- Simplifies application processes
- Provides new funding for value-added producer grants, including local foods, and for the Rural Microentrepreneur Assistance Program
- Allows use of funds for technical assistance and training grants

Through the program, the USDA offers technical assistance and information to agricultural cooperatives, as well as to communities, for empowerment programs. With a multi-billion dollar portfolio of loans, loan guarantees and grants, the USDA is an effective partner to assist the agricultural community. Grants and loans are available in three key areas: Business-Cooperative, Housing and Community Facilities (including farm labor housing), and Utilities (including Broadband). (*Rural Development*)<sup>239</sup>

The New Jersey Department of Agriculture, State Agriculture Development Committee, and Gloucester County Agriculture Development Board, along with other relevant Gloucester County agriculture entities, can work with and lobby the USDA to reexamine program criteria to enable New Jersey's rural communities to qualify for more program dollars.

#### **Income Averaging for Farmers**

The U.S. Taxpayer Relief Act of 1997, administered by the U.S. Department of Treasury's Internal Revenue Service, includes a provision that is meant to smooth out economic disparities that farmers experience from year to year due to the cyclical nature of agriculture. It is known as Farm Income Averaging and can be used by qualifying farmers when farm income for the current year is high and taxable income from one or more of the three prior years was low. Substantial tax dollars can be saved by income averaging. (*Internal Revenue Service*)<sup>240</sup>

The New Jersey Legislature continues to consider a bill that would provide income averaging similar to the federal program described above. Assembly Bill A1965 was introduced on 1/16/2014 and referred to the Assembly Agriculture and Natural Resources Committee. Senate Bill S2912 was introduced in the Senate on 7/29/2013 and referred to Senate Budget and Appropriations Committee. Earlier versions of these bills have been introduced starting in 2006. The New Jersey Department of Agriculture, State Agriculture Development Committee, Gloucester County Freeholders, and Gloucester County Agriculture Development Board can work with, and encourage, the New Jersey Legislature to adopt income averaging legislation. This would greatly assist Gloucester County farmers, and farmers statewide, to remain economically viable.

#### **USDA Farm Service Agriculture Program**

Farming is a business that can be cyclical and unpredictable, with factors that are not in the farmer's control, such as weather and market conditions, affecting crops and profitability. Farmers often need short-term assistance to make ends meet, to stay profitable, and to stay in business. Many times federal government loan programs are available, and Gloucester County farmers can take advantage of these loans as a tool in running their farm business.

The New Jersey Farm Service Agency has both Direct and Guaranteed Farm Ownership loans available for New Jersey farmers, including those in Gloucester County. FSA also has Beginning Farmer Down Payment loans and Participation loans available for qualified applicants. Direct Farm Ownership Loans are available up to \$300,000,

Guaranteed loans can go up to \$1,355,000. Beginning Farmer Down payment loans may not exceed 45% of the appraised value or \$300,000, whichever is less.

The Vineland Service Center handles loans for Gloucester County. Ellen Schmidt, Farm Loan Manager,<sup>242</sup> is the contact person there and she can be reached at 856-205-1225 extension 121.

FSA loans can be used for most agriculture necessities such as purchasing land, livestock, equipment, feed, seed, supplies, and also for construction of buildings, or to make farm improvements.

# Gloucester County's Vision for Farmland Preservation

# The Mission Statement of the Gloucester CADB:

The Gloucester CADB is dedicated to the preservation of the County's productive farmlands, farms, and farmers. To that end, the CADB is committed to preserving additional farmland, providing the economic infrastructure and support of the farming community in Gloucester County.

#### Goals of the Gloucester CADB:

With more than 43,000 acres of agricultural lands in Gloucester County and 16,634 acres of farmland permanently protected, it is the goal of the CADB to increase the amount of preserved farmland in the County by an additional 8,000 acres within 10 years. The Gloucester CADB will achieve this goal by working in partnership with our farmland owners, local municipalities and the State Agriculture Development Committee.

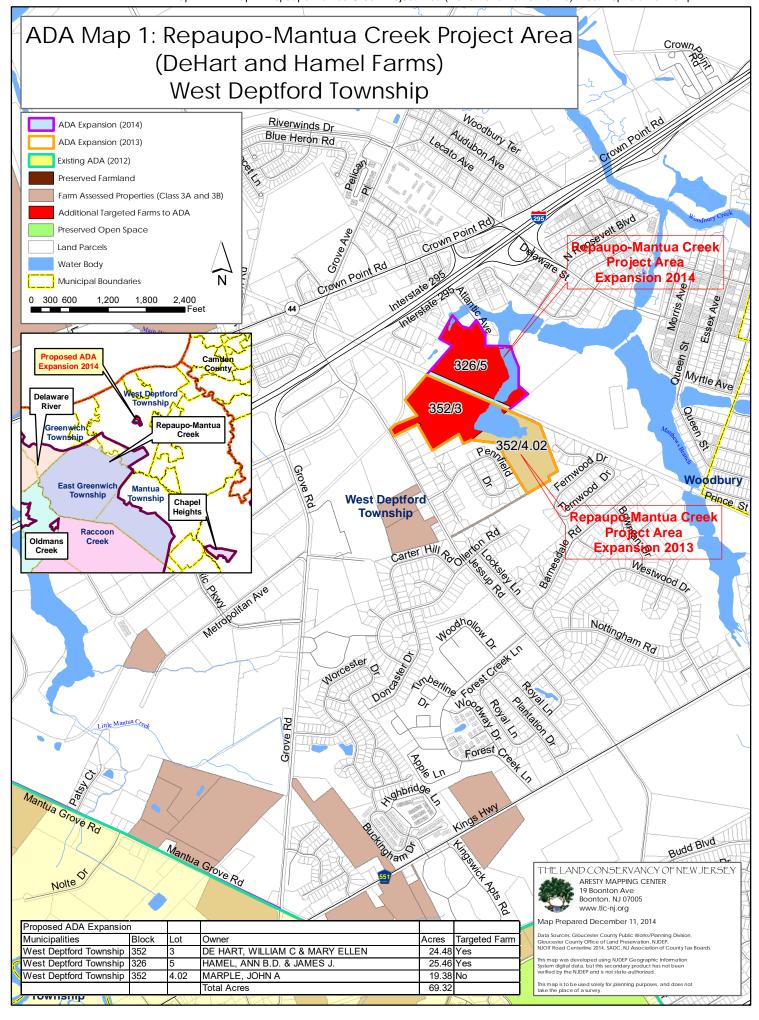
# **MAPS**

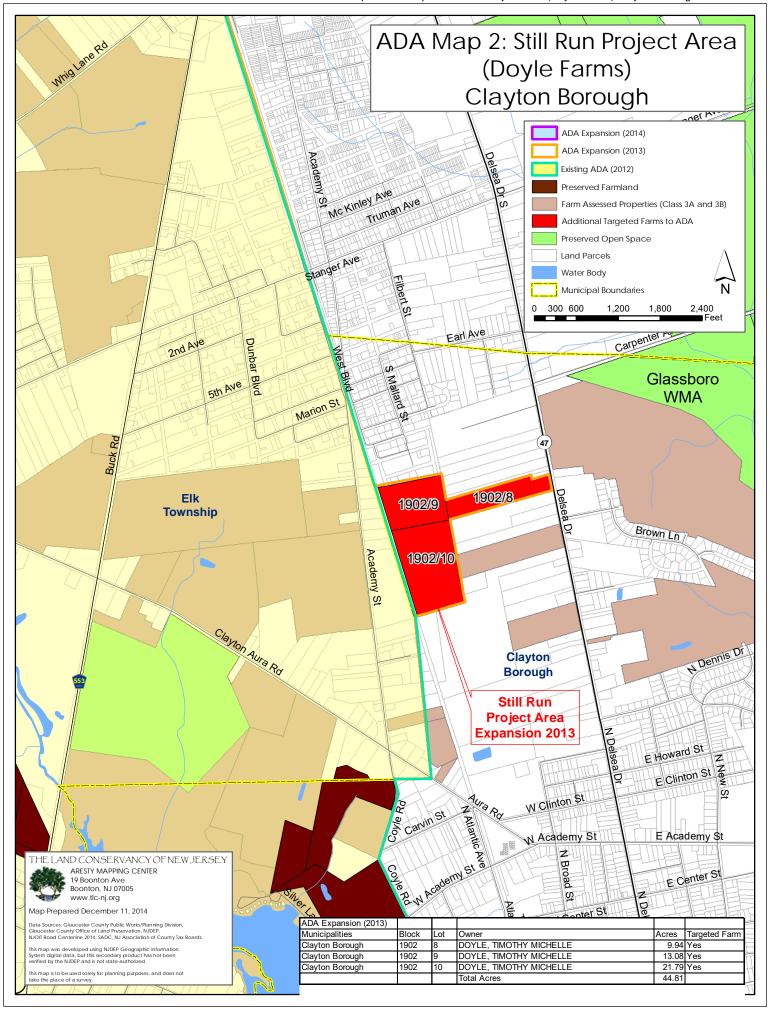
- Map 1. ADA Map 1: Repaupo-Mantua Creek Project Area (DeHart and Hamel Farms) West Deptford Township
- Map 2. ADA Map 2: Still Run Project Area (Doyle Farm) Clayton Borough
- Map 3. ADA Map 3: Still Run Project Area (Silvergate-Doyle, Grochowski, Napoli Farms) Franklin Township
- Map 4. ADA Map 4: Pinelands North Project Area (Senor Farm) Monroe Township
- Map 5. ADA Map 5: Pinelands North Project Area (Tuckahoe Road Expansion) Franklin Township
- Map 6. ADA Map 6: Pinelands South Project Area (Gallagher, Marple and Thompson Farms) Monroe Township
- Map 7. ADA Map 7: Pinelands South Project Area (Harding Highway-Main Road Expansion) Franklin Township and Newfield Borough
- Map 8. ADA Map 8: Repaupo Mantua Creek Project Area (Prei Mantua Grove Associates) West Deptford Township
- Map 9. ADA Map 9: Delaware River Project Area, Logan Township
- Map 10. ADA Map 10: Oldmans Creek Project Area, Woolwich Township & Swedesboro Borough
- Map 11. ADA Map 11: Raccoon Creek Project Area, Harrison Township
- Map 12. ADA Map 12: Repaupo Mantua Creek Project Area, East Greenwich Township
- Map 13. Agricultural Soil Categories
- Map 14. Farmland
- Map 15. Agricultural Development Area (Changes 2012-2015)
- Map 16. Project Areas
- Map 17. Farm Parcels that meet the SADC Minimum Eligibility Criteria for Agricultural Soil
- Map 18. Farm Parcels that meet the SADC Minimum Eligibility Criteria for Tillable Land

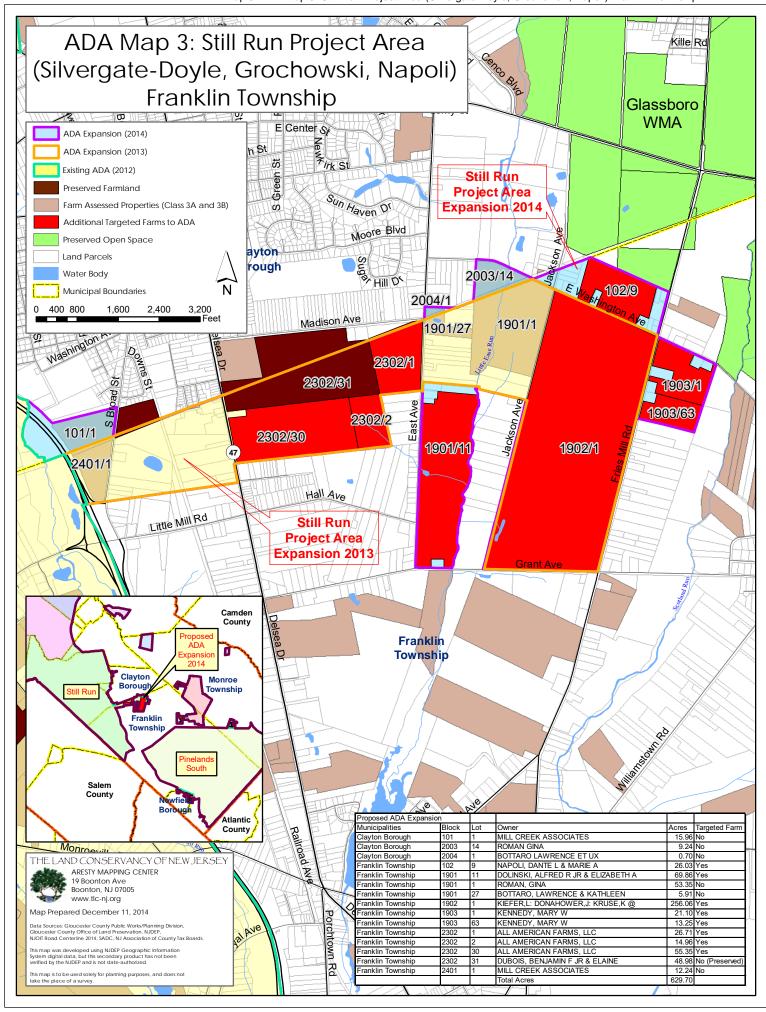
# Map 19. Farm Parcels that meet the SADC Minimum Eligibility Criteria for Agricultural Soils and Tillable Land

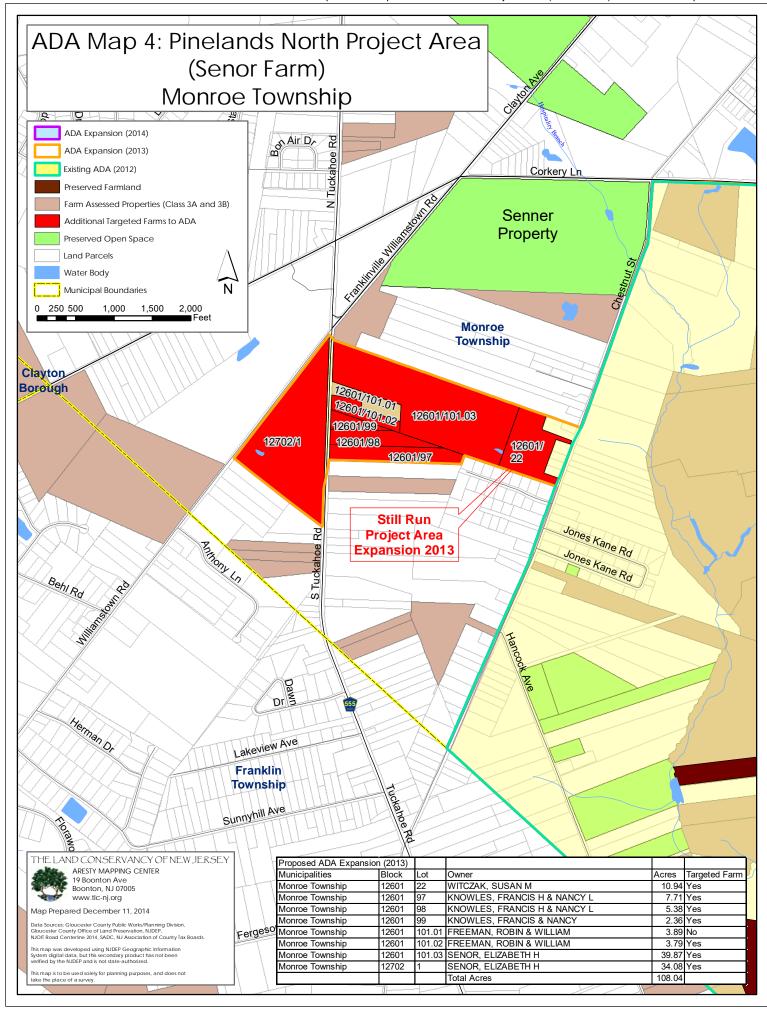
# Map 20. Targeted Farms

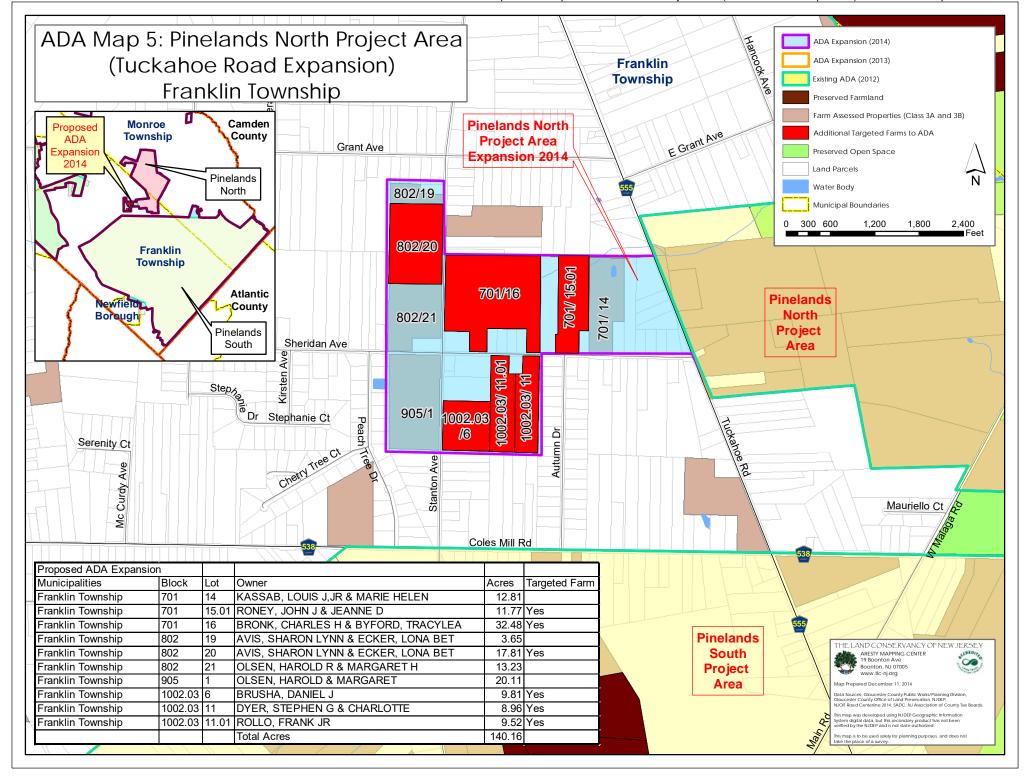
The maps for the Gloucester County Comprehensive Farmland Preservation Plan Update were developed using NJDEP Geographic Information System digital data. The information and maps presented in this report are intended for planning purposes and cannot substitute for on-site evaluation.

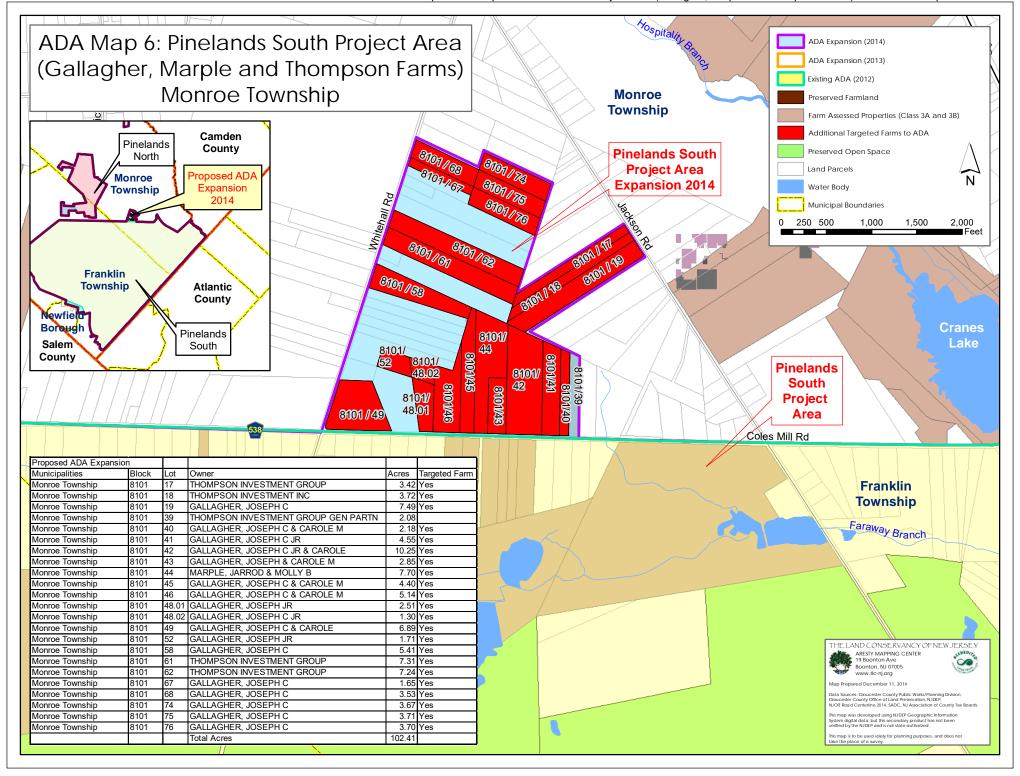


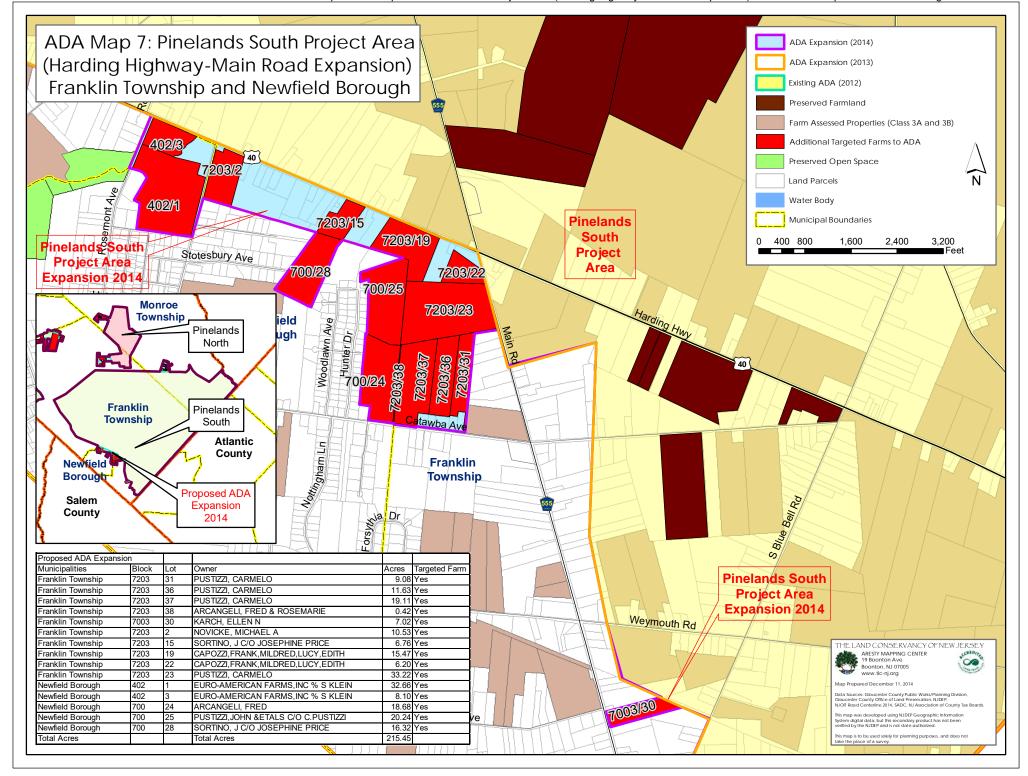


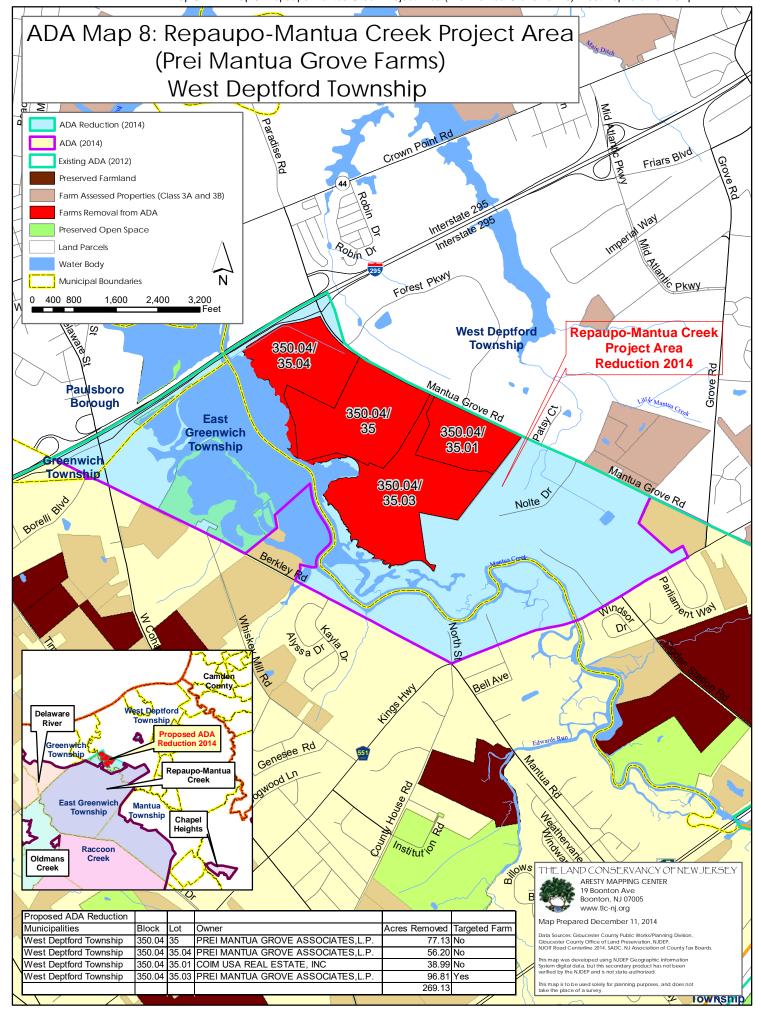


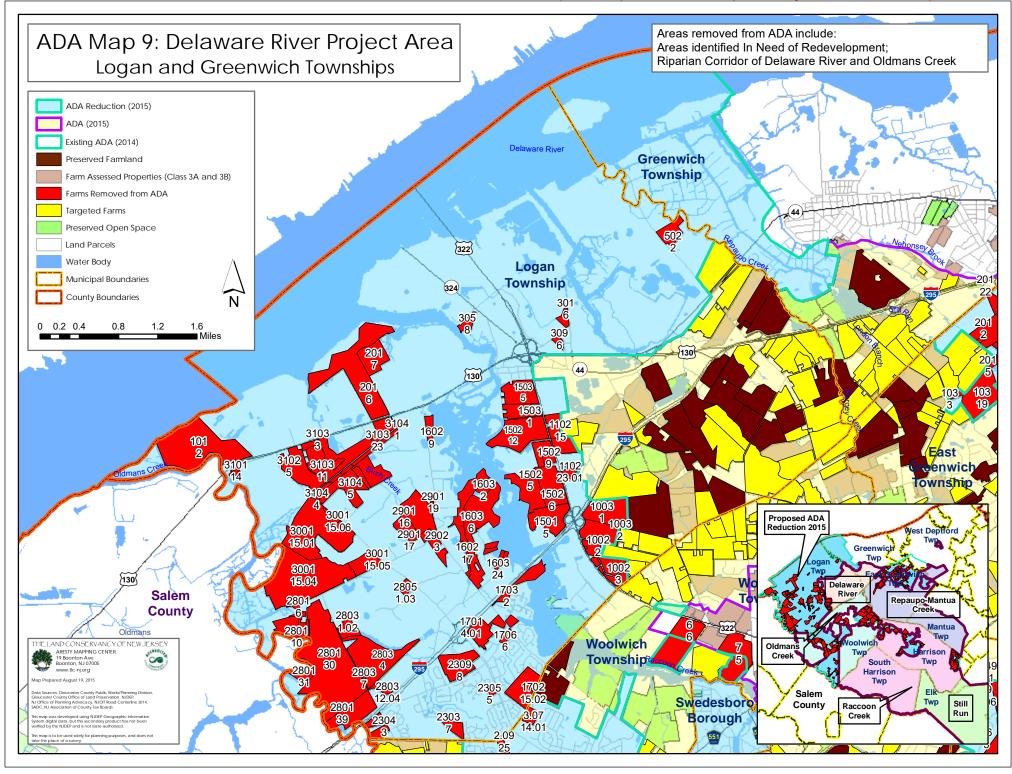










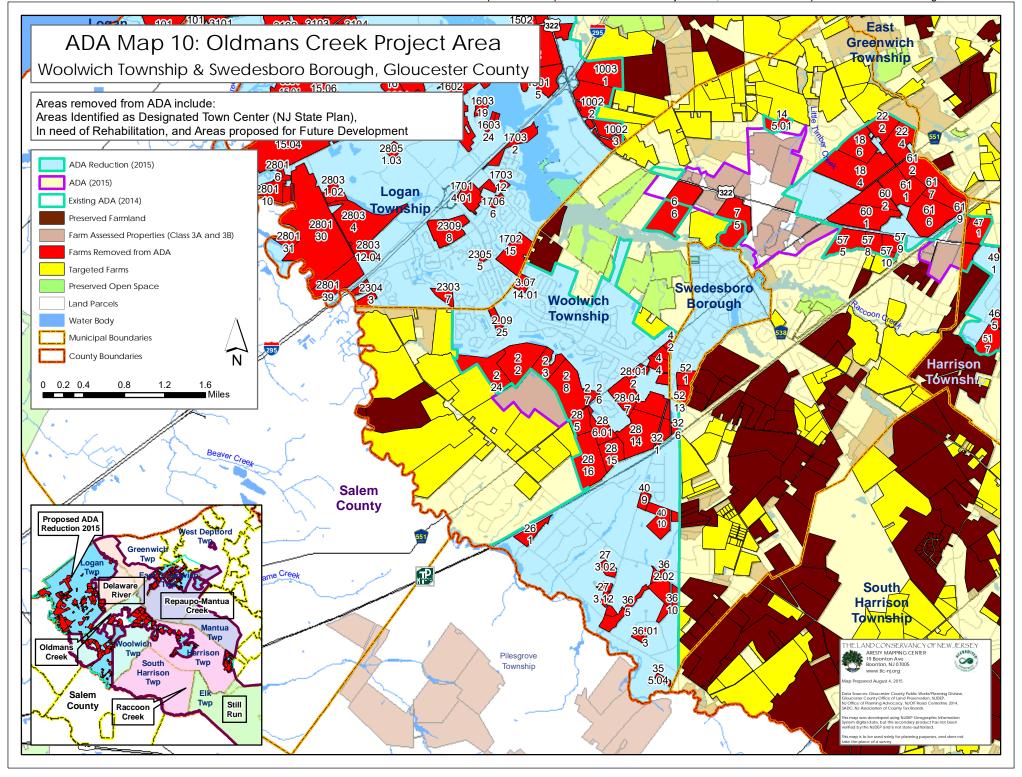


# ADA Map 9: Delaware River Project Area Logan and Greenwich Townships

Areas removed from ADA include: Areas identified In Need of Redevelopment; Riparian Corridor of Delaware River and Oldmans Creek

Proposed ADA Reduction						
MUN	BLOCK	LOT	Owner_Name	GIS Acres	Project Area	Target Farm
Logan Township	1002.01	1	LIBERTY PROPERTY DEVELOPMENT	3.5326	Delaware River	Yes
Logan Township	1002.02	1	LIBERTY PROPERTY DEVELOPMENT	14.8740	Delaware River	Yes
Logan Township	1002	1	GRASSO, CARMELLA	0.5465	Delaware River	
Logan Township	1002	2	GRASSO, JOSEPH	14.8220	Delaware River	Yes
Logan Township	1002	3	LIBERTY PROPERTY DEVELOPMENT	24.3630	Delaware River	
Logan Township	1003	1	FALCON 50 FARMS LLC	67.1369	Delaware River	\ <u>'</u>
Logan Township	1003	2	SHOPPING CENTERS ANONYMOUS LLC	46.9669	Delaware River	Yes
Logan Township		15	SUN OIL INC TEN PENN CENTER	173.4043	Delaware River	Yes
Logan Township	1102 1102	19	FILEMYR, JOHN W	19.5911	Delaware River	Yes
Logan Township	1102		FALCON 50 FARMS LLC BRIGGS, CHARLES & DEBORAH	22.3702 12.6756	Delaware River Delaware River	Yes Yes
Logan Township	1501	5	BRIDGEPORT DISPOSAL LLC	54.4286	Delaware River	Yes
Logan Township Logan Township	1502	10	BRIDGEPORT DISPOSAL LLC	19.1306	Delaware River	Yes
Logan Township	1502	12	BRIDGEPORT DISPOSAL LLC	87.2184	Delaware River	Yes
Logan Township	1502	5	BRIDGEPORT DISPOSAL LLC	56.1022	Delaware River	100
Logan Township	1502	6	BRIDGEPORT DISPOSAL LLC	58.4574	Delaware River	Yes
Logan Township	1502	9	BRIDGEPORT DISPOSAL LLC	10.2309	Delaware River	. 55
Logan Township	1503	1	BRIDGEPORT DISPOSAL LLC	30.2245	Delaware River	Yes
Logan Township	1503	5	BRIDGEPORT DISPOSAL LLC	48.5724	Delaware River	Yes
Logan Township	1602	17	CENTER SQUARE REAL ESTATE DEV CO	50.4317	Delaware River	
Logan Township	1602	9	BERNER, SHARON L	11.3502	Delaware River	
Logan Township	1603	19	HH PARK, LLC	4,4453	Delaware River	
Logan Township	1603	2	OMEGA ENGINEERING INC	5.8678	Delaware River	
Logan Township	1603	20	HH PARK, LLC	3.7066	Delaware River	
Logan Township	1603	23	HH PARK, LLC	4.7072	Delaware River	
Logan Township	1603	24	HH PARK, LLC	5.2161	Delaware River	
Logan Township	1603	6	OMEGA ENGINEERING INC	107.3813	Delaware River	
Logan Township	1701	4	EXIT 10 RETAIL LLC	7.1990	Delaware River	
Logan Township	1701	4.01	EXIT 10 RETAIL LLC	28.9672	Delaware River	Yes
Logan Township	1702	15.02	STECHER, GLENN C	0.3314	Delaware River	
Logan Township	1702	15	STECHER, EMILY	50.3745	Delaware River	Yes
Logan Township	1703	12	EASTLACK, ELVENA	5.8141	Delaware River	
Logan Township	1703	2	CENTER SQUARE REAL ESTATE CO O	27.4365	Delaware River	
Logan Township	1706	3	MUSUMECI FAMILY LLC	3.0048	Delaware River	
Logan Township	1706	6	MUSUMECI FAMILY LLC	3.5677	Delaware River	
Logan Township	201	6	LOGAN 529 GROUP LLC C/O WINDSOR	165.6820	Delaware River	Yes
Logan Township	201	7	LOGAN 529 GROUP LLC C/O WINDSOR	43.6104	Delaware River	
Logan Township	2303	7	PRESNELL, MARK W	14.3217	Delaware River	
Logan Township	2304	1	CENTER SQUARE REAL ESTATE DEV CO	10.0855	Delaware River	Yes
Logan Township	2304	3	RAPISARDI, ROSARIO & CONCETTINA	11.0361	Delaware River	Yes
Logan Township	2305	5	RACITE, DOMINIC J	4.1745	Delaware River	
Logan Township	2309	8	LAIL, THOMAS J	51.0917	Delaware River	Yes
Logan Township	2801	10	OGBORNE, CARL JR & JUDITH	26.5105	Delaware River	
Logan Township	2801	12	OGBORNE, CARL JR & JUDITH	8.3319	Delaware River	
Logan Township	2801	13	OGBORNE, CARL & JUDITH	2.2941	Delaware River	
Logan Township	2801	30	DP PARTNERS LOGAN I LLC	273.1144	Delaware River	Yes
Logan Township	2801	31	DP PARTNERS LOGAN I LLC	11.1642	Delaware River	
Logan Township	2801	39	PARCEL 29, LLC	57.6478	Delaware River	
Logan Township	2801	6	JENKINS, JUDITH A & SCOTT G	6.3307	Delaware River	
Logan Township	2803	1.02	DP PARTNERS LOGAN & COMPANY, LLC	18.5359	Delaware River	
Logan Township	2803	12.04	PURELAND ASSOCIATION	8.6222	Delaware River	
Logan Township	2803	4	DP PARTNERS LOGAN I LLC	109.7891	Delaware River	Yes
Logan Township	2803	7	DP PARTNERS LOGAN I LLC	0.5165	Delaware River	
Logan Township	2805	1.03	DP PARTNERS LOGAN I LLC	10.3732	Delaware River	
Logan Township	2901	16	CENTER SQUARE REAL ESTATE DEV CO	17.8208	Delaware River	
Logan Township	2901	17	CENTER SQUARE REAL ESTATE DEV CO	7.5431	Delaware River	
Logan Township	2901	19.01	REDKOLES, PAUL & BETTY LOU & MARGIE	6.0920	Delaware River	V
Logan Township	2901	19	REDKOLES, ANDREW	59.0409	Delaware River	Yes
Logan Township	2902	1	CENTER SQUARE REAL ESTATE DEV CO		Delaware River	
Logan Township	2902 3001	3	J WESLEY PROPERTIES LLC	15.3904 154.6637	Delaware River	Voc
Logan Township	3001		DP PARTNERS LOGAN I LLC DP PARTNERS LOGAN I LLC		Delaware River Delaware River	Yes Yes
Logan Township Logan Township	3001		DP PARTNERS LOGAN & COMPANY, LLC	29.0802	Delaware River	103
Logan Township	3001		DP PARTNERS LOGAN & COMPANY, LLC	8.6537	Delaware River	Yes
Logan Township	3001	6	MAGUIRE, MAGUIRE & MAGUIRE		Delaware River	103
Logan Township	305	8	STETSER, CHRISTINE		Delaware River	
Logan Township	309	6	FISHER, KELLEY		Delaware River	
Logan Township	3101	13	COSTELLO, ROBERT		Delaware River	
Logan Township	3101	14	COSTELLO, ROBERT	_	Delaware River	
Logan Township	3101	15	COSTELLO, ROBERT		Delaware River	
Logan Township	3102	5	PARCEL 37 LLC		Delaware River	Yes
Logan Township	3103	11	KORIAKIN, ANNA & NICHOLAS		Delaware River	
Logan Township	3103	12	CENTER SQ REAL ESTATE DEV CO INC	3.5950		
Logan Township	3103	14	ANNA & NICHOLAS KORIAKIN	5.3142	Delaware River	
Logan Township	3103	23	LOGAN 529 GROUP LLC C/O WINDSOR		Delaware River	
Logan Township	3103	3	CENTER SQUARE REAL ESTATE DEV CO	64.2259	Delaware River	
Logan Township	3104	1	LOGAN 529 GROUP LLC C/O WINDSOR	_	Delaware River	
Logan Township	3104	12	CENTER SQUARE REAL ESTATE DEV CO		Delaware River	
	3104	2	LOGAN 529 GROUP LLC C/O WINDSOR		Delaware River	
Logan rownship	3104	3	LOGAN 529 GROUP LLC C/O WINDSOR		Delaware River	
* '						
Logan Township	3104	4	LOGAN 529 GROUP LLC C/O WINDSOR	6.9281	Delaware River	
Logan Township Logan Township		4 5	CENTER SQUARE REAL ESTATE DEV CO		Delaware River	
Logan Township Logan Township	3104			87.0434		
Logan Township	3104 3104	5	CENTER SQUARE REAL ESTATE DEV CO	87.0434	Delaware River	





# ADA Map 10: Oldmans Creek Project Area

Woolwich Township & Swedesboro Borough, Gloucester County

Proposed ADA Reduction	DI 0.01/			010.4	D :	T . F
MUN	BLOCK	LOT	Owner_Name	GIS Acres	Project Area	Target Farm
Swedesboro Borough	52	1	VALLEY VIEW LAND CO INC	15.2071	Oldmans Creek	Yes
Swedesboro Borough	52	13	VALLEY VIEW LAND CO INC	13.3357	Oldmans Creek	Yes
Woolwich Township	14	5.01	SANDY HILL FARMS @C EASTLACK	20.2937	Oldmans Creek	
Woolwich Township	18	4	CASELLA BROS	116.9517	Oldmans Creek	Yes
Woolwich Township	18	6	CASELLA BROS	51.5653	Oldmans Creek	Yes
Woolwich Township	2.09	25	STEIN, ANNA LORRAINE	10.1982	Oldmans Creek	Yes
Woolwich Township	2	2	SUMMIT VENTURE LLC	74.2803	Oldmans Creek	Yes
Woolwich Township	2	24	SUMMIT VENTURES LLC	64.1046	Oldmans Creek	
Woolwich Township	2	3	SUMMIT VENTURES LLC	33.8820	Oldmans Creek	Yes
Woolwich Township	2	6	SUMMIT VENTURES LLC	0.1387	Oldmans Creek	
Woolwich Township	2	7 8	SUMMIT VENTURES LLC GNCC C/O W. R. GRACE & CO	6.8631 83.1867	Oldmans Creek	Yes
Woolwich Township	22				Oldmans Creek	
Woolwich Township	22	2	CASELLA BROS CASELLA BROS	33.8674 53.1794	Oldmans Creek Oldmans Creek	Yes Yes
Woolwich Township	26	4	ARROYO, EFRAIN, JR. & NEREIDA	20.8433	Oldmans Creek	Yes
Woolwich Township		2 02		5.5126		res
Woolwich Township Woolwich Township	27 27	3.02	BROWN, CLINTON E & ANDREA M BROWN, CLINTON E & ANDREA M	5.5421	Oldmans Creek Oldmans Creek	
Woolwich Township	27	3.04	PRATT, CRAIG & DAWN M	5.8814	Oldmans Creek	Yes
Woolwich Township	27	3.12	OWINGS, JAMES BLAKE & LINDA	5.4598	Oldmans Creek	162
Woolwich Township	28.01	2	SUMMIT VENTURES LLC	11.2548	Oldmans Creek	Yes
Woolwich Township	28.02	11	ZAPPALA, HARRY R & CHARLOTTE A	7.9563	Oldmans Creek	Yes
Woolwich Township	28.02		SUMMIT VENTURES LLC	31.3643	Oldmans Creek	Yes
Woolwich Township	28.04	7	SUMMIT VENTURES LLC	39,9819	Oldmans Creek	Yes
Woolwich Township	28	14	SUMMIT VENTURES LLC	84.5937	Oldmans Creek	Yes
Woolwich Township	28	15	HI-LO FARM INC @ANGELO BORZIO	35,4604	Oldmans Creek	Yes
Woolwich Township	28	16	SUMMIT VENTURES LLC C/O SCHATZ ASC	77.7827	Oldmans Creek	Yes
Woolwich Township	28	5	SUMMIT VENTURES LLC C/O SCHATZ ASC	26.4929	Oldmans Creek	Yes
Woolwich Township	28	6.01	SUMMIT VENTURES LLC	26.9937	Oldmans Creek	162
Woolwich Township	3.07		STECHER, EMILY	12.1913	Oldmans Creek	
Woolwich Township	32	14.01	SUMMIT VENTURES LLC	14.5614	Oldmans Creek	Yes
Woolwich Township	32	3	SUMMIT VENTURES LLC	5.2627	Oldmans Creek	Yes
Woolwich Township	32	6	JULY HOLDINGS LLC	4.9394	Oldmans Creek	1 63
Woolwich Township	35	5.04	BEINKE, FRITZ & THERESA L	5.5196	Oldmans Creek	Yes
Woolwich Township	36.01	2	TETRICK, TIMOTHY A & ASHLEY R	5.5855	Oldmans Creek	Yes
Woolwich Township	36.01	3	TETRICK, TIMOTHY A & ASHLEY R	5.6101	Oldmans Creek	103
Woolwich Township	36	1.14	PAGESY, CHARLES A & BRENDA B	5.5754	Oldmans Creek	
Woolwich Township	36	10	SCHMIDT, FRANCES & DONALD ETALS	10.1856	Oldmans Creek	Yes
Woolwich Township	36	2.02	SCHULTZ, JAMES A & JANICE	6.7721		
Woolwich Township	36	4	CCTS TAX LIENS I, LLC	23.7130	Oldmans Creek	
Woolwich Township	36	5	HARGRAVE, JAMES D & IRENE B	25.9900	Oldmans Creek	
Woolwich Township	36	6.17	CASTANO, ALBERT & GERALYNN	7.1774	Oldmans Creek	
Woolwich Township	4	2	WOOLWICH FAMILY PARTNERS LLC	4,4805	Oldmans Creek	
Woolwich Township	4	3	SUMMIT VENTURES LLC	9.9771	Oldmans Creek	Yes
Woolwich Township	4	4	SUMMIT VENTURES LLC	16.1854	Oldmans Creek	Yes
Woolwich Township	40	10	FICHERA EST. @ FRANK FICHERA	35.7016	Oldmans Creek	
Woolwich Township	40	11	FICHERA, FRANK ETAL	4.6873	Oldmans Creek	
Woolwich Township	40	9	STEVEN M EISNER DEFINED BENEFIT PEN	9,8048	Oldmans Creek	Yes
Woolwich Township	57	10	WOOLWICH COMMONS LLC	5.1350	Oldmans Creek	
Woolwich Township	57	5	WOOLWICH COMMONS LLC	45,1787	Oldmans Creek	Yes
Woolwich Township	57	8	WOOLWICH COMMONS LLC	22.6503	Oldmans Creek	Yes
Woolwich Township	57	9	WOOLWICH COMMONS LLC	16.5528	Oldmans Creek	Yes
Woolwich Township	6	6	SAVOY FAMILY LP	96.2798	Oldmans Creek	Yes
Woolwich Township	60	1	MAIN STREET AT WOOLWICH LLC	76.8581	Oldmans Creek	Yes
Woolwich Township	60	2	MIDATLANTIC DEVELOPMENT GROUP LLC	43.2335	Oldmans Creek	Yes
Woolwich Township	61	1	WOOLWICH 322, LLC	66.7886	Oldmans Creek	Yes
Woolwich Township	61	2	SORBELLO, FRED J & JOAN M	64.1175	Oldmans Creek	Yes
Woolwich Township	61	6.01	DYSON, CHARLES H. IRREVOCABLE TRUST	0.6244	Oldmans Creek	
Woolwich Township	61	6	DYSON, CHARLES H. IRREVOCABLE TRUST	79.6693	Oldmans Creek	Yes
Woolwich Township	61	7	GARGIULO, FRANCES	40.9988	Oldmans Creek	Yes
Woolwich Township	61	9	DYSON, CHARLES H. IRREVOCABLE TRUST	0.0277	Oldmans Creek	
Woolwich Township	7	5	BONACCORSI, MARY & CARMELA ETALS	76,4487	Oldmans Creek	Yes
Total Acreages	t t			1810.6568		
Targeted Farm Acreages				1533.1234		

Areas removed from ADA include: Areas Identified as Designated Town Center (NJ State Plan), In need of Rehabilitation, and Areas proposed for Future Development

THE LAND CONSERVANCY OF NEW JERSEY

ARESTY MAPPING CENTER

TO Boontion, No. 107005

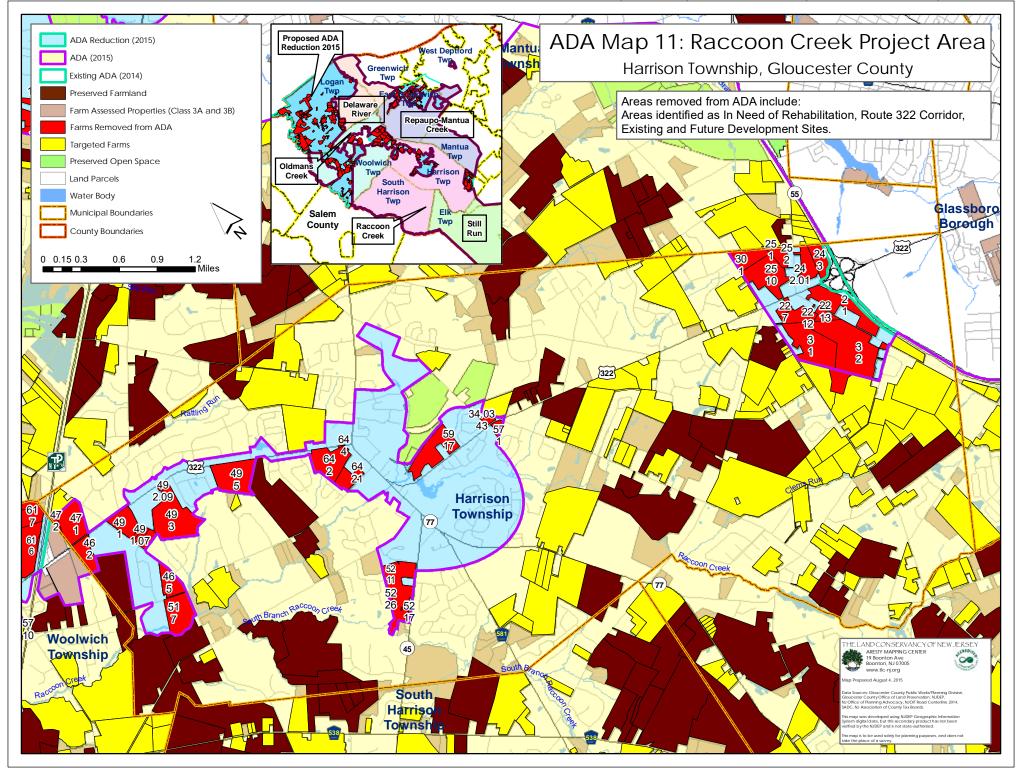
WW. 1074007

Map Prepared August 5, 2015

Data Sources: Gloucester County Public Works/Planning Division Gloucester County Office of Land Preservation, NIDEP, NJ Office of Planning Advocacy, NIOIT Road Centerline 2014, SADC, NJ Association of County Tax Boards.

This map was developed using NJDEP Geographic Information System digital data, but this secondary product has not been verified by the NJDEP and is not state-authorized.

This map is to be used solely for planning purposes, and does no take the place of a survey.



# ADA Map 11: Raccoon Creek Project Area

Harrison Township, Gloucester County

Areas removed from ADA include:

Areas identified as In Need of Rehabilitation, Route 322 Corridor, Existing and Future Development Sites.

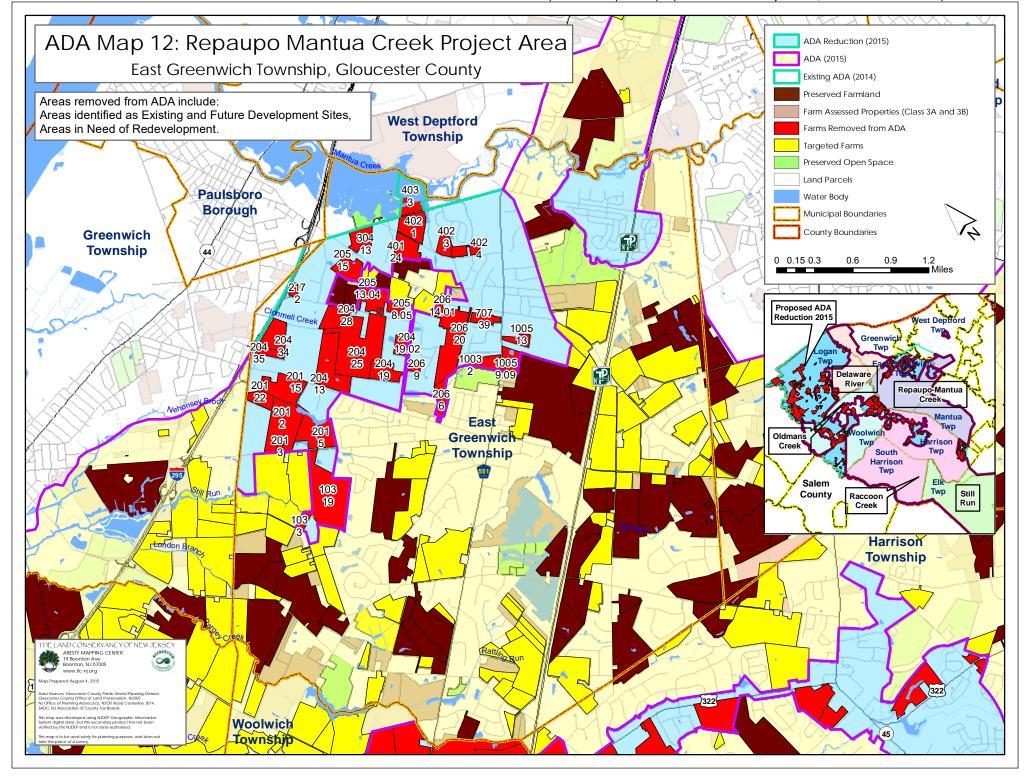
Proposed ADA Reduction MUN	BLOCK	LOT	Owner Name	CIC A area	Project Area	Target Farm
Marrison Township		1	MADISON/CANUSO ATTN: LISA TSUI		,	rarget Farm
Harrison Township	22	12	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	Yes
	22				Raccoon Creek	Yes
Harrison Township	22	13	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	V
Harrison Township		7	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	Yes
Harrison Township	24	2.01	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	Yes
Harrison Township	24	3	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	Yes
Harrison Township	25	1	FRED SMITH ORCHARDS,INC		Raccoon Creek	
Harrison Township	25	10	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	Yes
Harrison Township	25	2	MADARA, WILLIAM H JR & CYNTHIA A		Raccoon Creek	
Harrison Township	3	1	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	Yes
Harrison Township	3	2	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	Yes
Harrison Township	30	1	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek	Yes
Harrison Township	34.03	43	MULLICA HILL SURGICAL ARTS BLDG LLC	3.2569	Raccoon Creek	
Harrison Township	46	2	LEONE, JOSEPH A	19.4351	Raccoon Creek	Yes
Harrison Township	46	5	VILLECCO, LOUISE M & ETALS	20.0216	Raccoon Creek	Yes
Harrison Township	47	1	LEONE, JOSEPH A	35.0823	Raccoon Creek	Yes
Harrison Township	47	2	STEWARD, HARRY R	3.4072	Raccoon Creek	Yes
Harrison Township	49	1.05	SMALL, VINCENT & YVONNE	7.1802	Raccoon Creek	
Harrison Township	49	1.06	YIANTSOS, NIKOLAOS & ANNA	2.0982	Raccoon Creek	
Harrison Township	49	1.07	YIANTSOS, NIKOLAOS & ANNA	2.1802	Raccoon Creek	
Harrison Township	49	1.08	YIANTSOS, NIKOLAOS & ANNA	2.2622	Raccoon Creek	Yes
Harrison Township	49	1	SORBELLO FAMILY,LLC	22.3110	Raccoon Creek	Yes
Harrison Township	49	2.09	WILLIAMS, JENNIE & WESTERMAN, LISA	0.9998	Raccoon Creek	
Harrison Township	49	3	WESTERMANN,LISA & WILLIAMS,JENNIE L	64.4818	Raccoon Creek	Yes
Harrison Township	49	5	CATHOLIC COMMUNITY OF THE HOLY S	44.7659	Raccoon Creek	Yes
Harrison Township	51	7	VILLECCO, LOUISE M & ETALS	36.9697	Raccoon Creek	
Harrison Township	52	11	BANFF, EVELYN L-ESTATE C/O J BANFF	55.0946	Raccoon Creek	Yes
Harrison Township	52	17	BANFF, EVELYN-ESTATE C/O J BANFF	0.1441	Raccoon Creek	Yes
Harrison Township	52	25	BANFF, EVELYN-ESTATE C/O J BANFF		Raccoon Creek	Yes
Harrison Township	52	26	BANFF, EVELYN L-ESTATE C/O J BANFF		Raccoon Creek	Yes
Harrison Township	52	27	BANFF, EVELYN L-ESTATE C/O J BANFF		Raccoon Creek	Yes
Harrison Township	52	28	BANFF, EVELYN L-ESTATE C/O J BANFF		Raccoon Creek	Yes
Harrison Township	52	29	BANFF, EVELYN L-ESTATE C/O J BANFF		Raccoon Creek	Yes
Harrison Township	57	1	MULLICA HILL SURGICAL ARTS BLDG LLC		Raccoon Creek	Yes
Harrison Township	59	17	MULLICA GARDENS REALTY LLC		Raccoon Creek	103
Harrison Township	64	2	HOLTZHAUSER, CHARLES & SON		Raccoon Creek	Yes
Harrison Township	64	21	GARDINER, ETHEL E		Raccoon Creek	Yes
Harrison Township	64	4	HOLTZHAUSER, CHARLES & SON		Raccoon Creek	162
	04	4	HOLIZHAUSER, CHARLES & SUN		Naccoon Creek	
Total Acreages				767.8256		
Targeted Farm Acreages				612.4549		



SADC, NJ Association of County Tax Boards.

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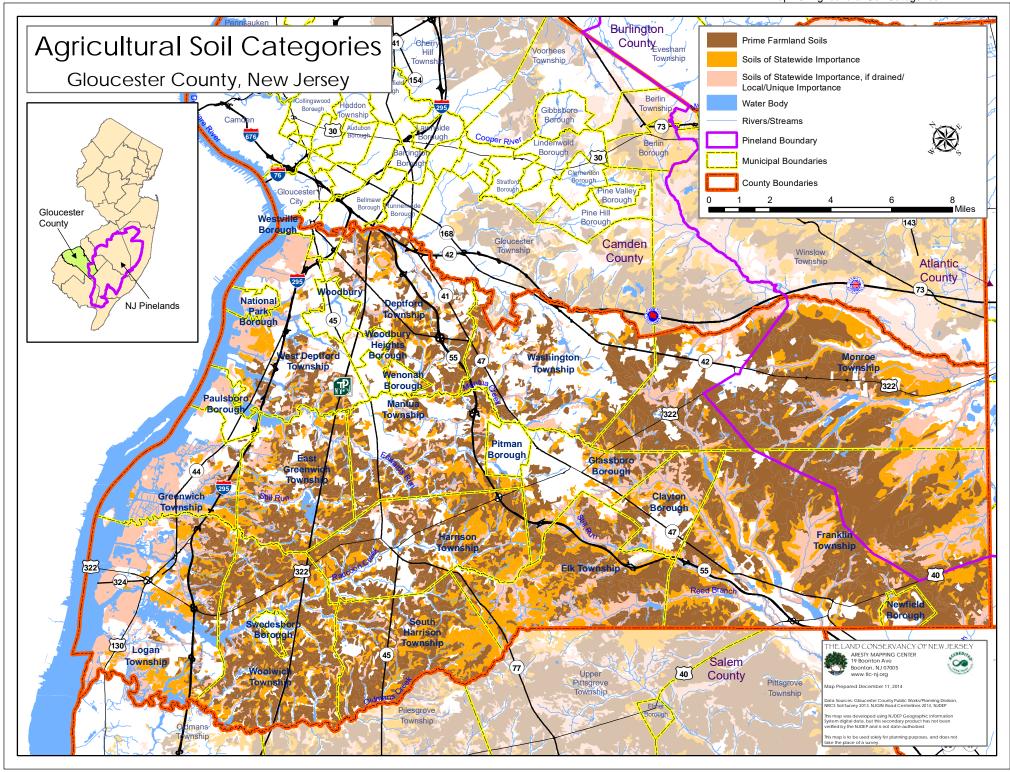
# ADA Map 12: Repaupo Mantua Creek Project Area

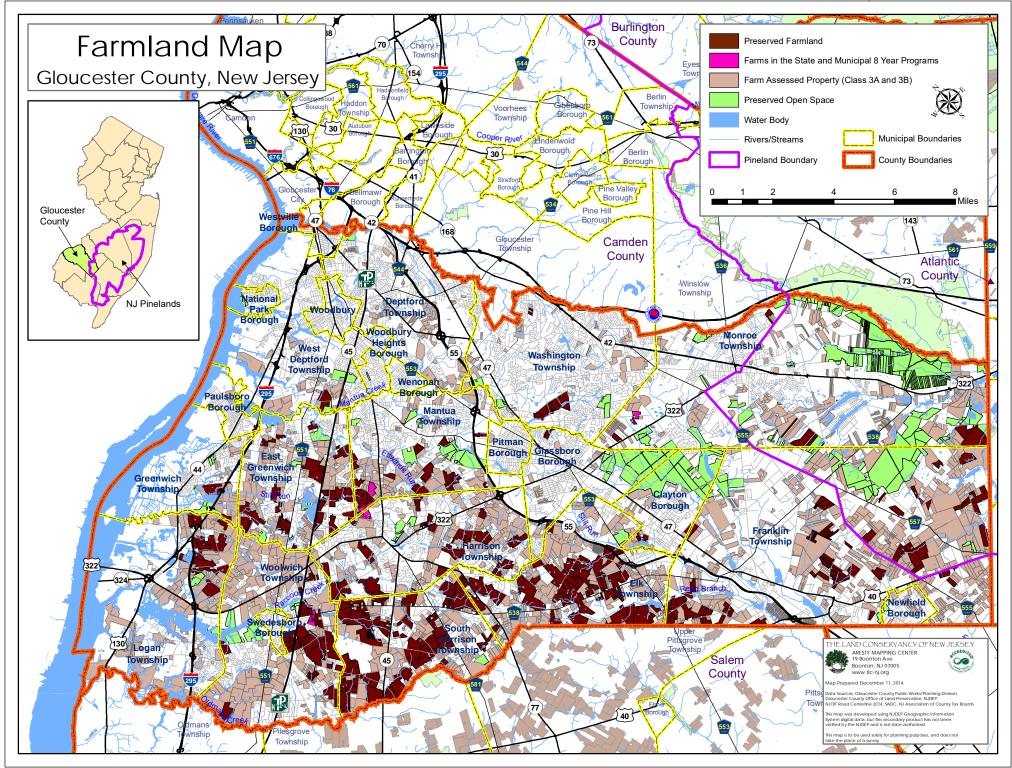
East Greenwich Township, Gloucester County

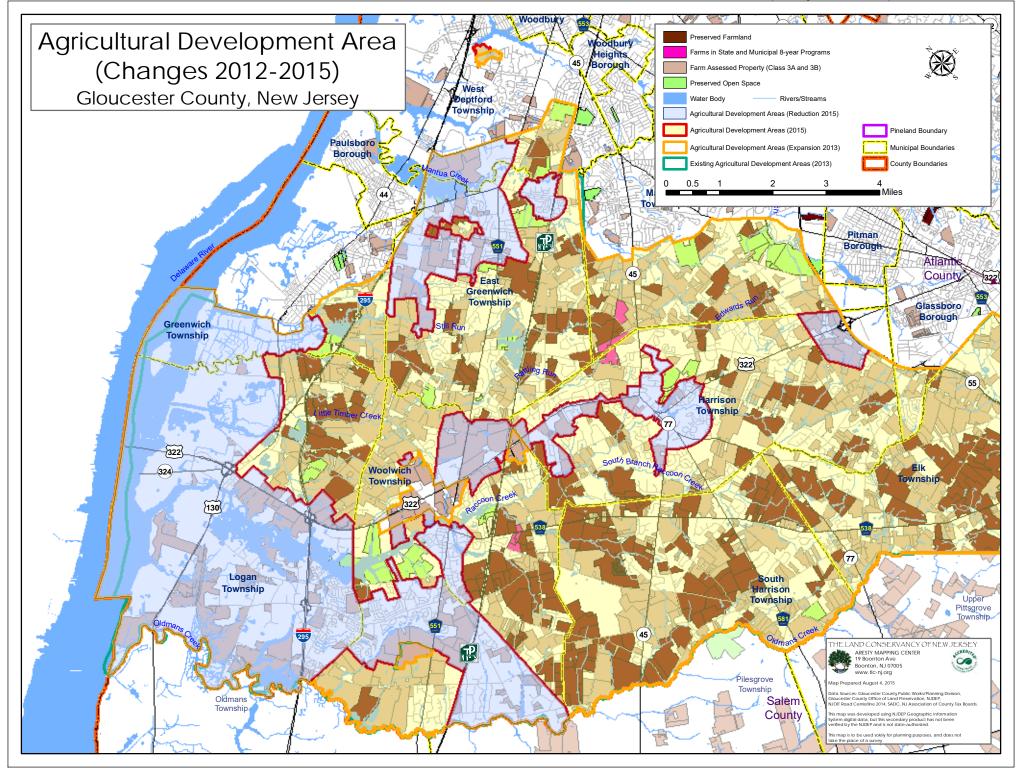
Areas removed from ADA include: Areas identified as Existing and Future Development Sites, Areas in Need of Redevelopment.

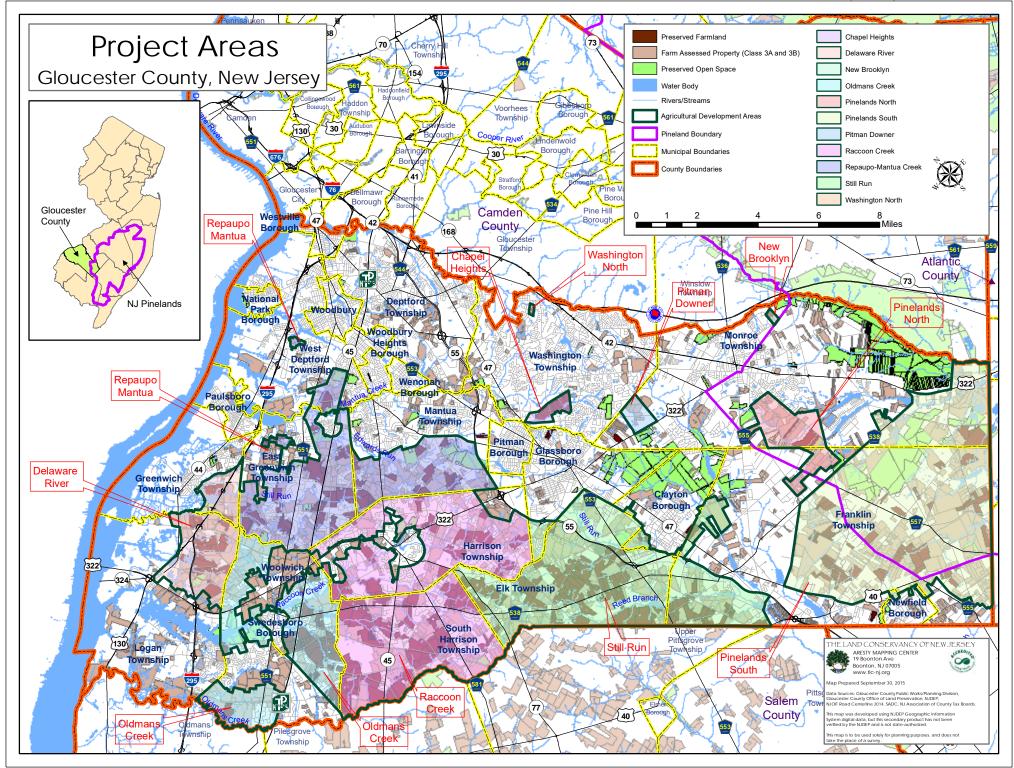
Proposed ADA Reduction						
MUN	BLOCK	LOT	Owner_Name	GIS Acres	Project Area	Target Farm
East Greenwich Township	1003	2	TROTTA, JAMES E & MARY	14.0005	Repaupo-Mantua Creek	
East Greenwich Township	1005	13	WARMING, WILLIAM H & TERRI L	8.6941	Repaupo-Mantua Creek	
East Greenwich Township	1005	9.08	WHITE, KEVIN P. & PATRICIA N.	9.7694	Repaupo-Mantua Creek	Yes
East Greenwich Township	1005	9.09	HOLLINGSHEAD, WICKLIFFE & MARY CLOU	3.9964	Repaupo-Mantua Creek	
East Greenwich Township	103	19	HARGREEN ASSOCIATES C/O JAGER INC	82.7034	Repaupo-Mantua Creek	
East Greenwich Township	103	3	WALSH, JAMES T	6.3139	Repaupo-Mantua Creek	
East Greenwich Township	201	15	Z V S ASSOCIATES	37.3048	Repaupo-Mantua Creek	Yes
East Greenwich Township	201	2	530 PORCHTOWN RD % SCOTT KINTZING	55.2383	Repaupo-Mantua Creek	Yes
East Greenwich Township	201	22	SCHWEBEL, GERALDINE T	12.8874	Repaupo-Mantua Creek	Yes
East Greenwich Township	201	3	530 PORCHTOWN RD % SCOTT KINTZING	2.4822	Repaupo-Mantua Creek	Yes
East Greenwich Township	201	5	MINNITI, CARL J & LORRAINE P	38.6982	Repaupo-Mantua Creek	Yes
East Greenwich Township	204	13	K&M REALTY HOLDINGS LLC	49.0275	Repaupo-Mantua Creek	
East Greenwich Township	204		HUFF, HOWARD I	9.7033	Repaupo-Mantua Creek	
East Greenwich Township	204	19	MILLER, WALLACE & MILLER, VERNA	20.1354	Repaupo-Mantua Creek	
East Greenwich Township	204	25	DERR, DOLORES J ET AL	99.6752	Repaupo-Mantua Creek	
East Greenwich Township	204	28	TIGHE, RONALD & HEATHER N	2.7506	Repaupo-Mantua Creek	
East Greenwich Township	204	29	TIGHE, RONALD & HEATHER N	16.3403	Repaupo-Mantua Creek	
East Greenwich Township	204	34	PUTORTI, CONSOLATO ET ALS	24.3428	Repaupo-Mantua Creek	Yes
East Greenwich Township	204	35	FUSS, SAMUEL J	8.1079	Repaupo-Mantua Creek	
East Greenwich Township	205	13.04	ST ALFIO SOCIETY OF PA, INC	23.0153	Repaupo-Mantua Creek	
East Greenwich Township	205	15	WOLLMAN, GEORGE	20.5410	Repaupo-Mantua Creek	
East Greenwich Township	205	7.01	ST ALFIO SOCIETY OF PA INC	0.7783	Repaupo-Mantua Creek	
East Greenwich Township	205	7.02	ST ALFIO SOCIETY OF PA INC	0.7228	Repaupo-Mantua Creek	
East Greenwich Township	205	8.05	REED, DONALD KEITH & PRISCILLA	7.8245	Repaupo-Mantua Creek	
East Greenwich Township	206	14.01	TINDALL HOMES @ EAST GREENWICH LLC	24.7526	Repaupo-Mantua Creek	Yes
East Greenwich Township	206	20	TINDALL HOMES	39.3256	Repaupo-Mantua Creek	Yes
East Greenwich Township	206	6	DOERRMANN, MARCIENNE	14.2707	Repaupo-Mantua Creek	Yes
East Greenwich Township	206	9	MAGAZU, HARRY KEVIN	6.8834	Repaupo-Mantua Creek	
East Greenwich Township	217	2	HRYCKOWIAN, MICHAEL & IVANKA	4.3379	Repaupo-Mantua Creek	
East Greenwich Township	304	13	LEFT FIELD % SUNSHINER INC	16.6286	Repaupo-Mantua Creek	
	401	24	HAINES, G C/O JOHN DESIMONE, ESQ		Repaupo-Mantua Creek	Yes
East Greenwich Township	402	1	HAINES, D C/O JOHN DESIMONE, ESQ	24.8839	Repaupo-Mantua Creek	Yes
East Greenwich Township	402	3	HENKEL, BRIAN S	10.3301	Repaupo-Mantua Creek	
East Greenwich Township	402	4	HENKEL, BRIAN S	10.0991	Repaupo-Mantua Creek	Yes
East Greenwich Township	403	3	HAINES, DONA L		Repaupo-Mantua Creek	
East Greenwich Township	707	39	GATTUSO LAND INC.	10.0339	Repaupo-Mantua Creek	Yes
Total Acreages				769.8790		
Targeted Farm Acreages				324.6289		

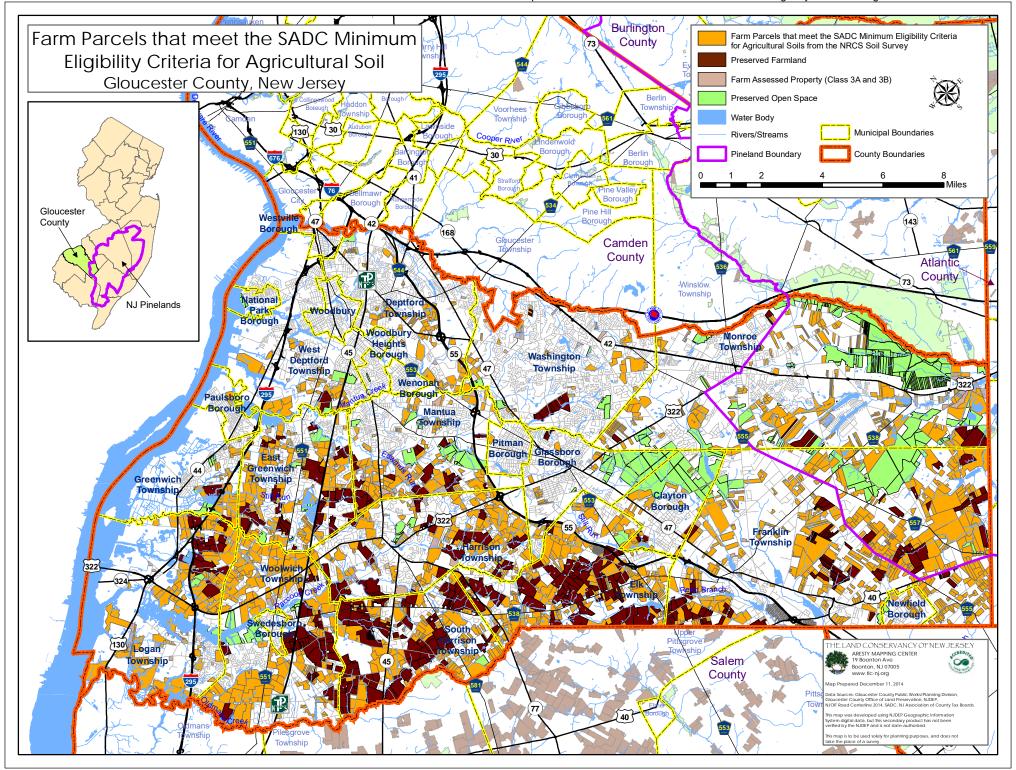


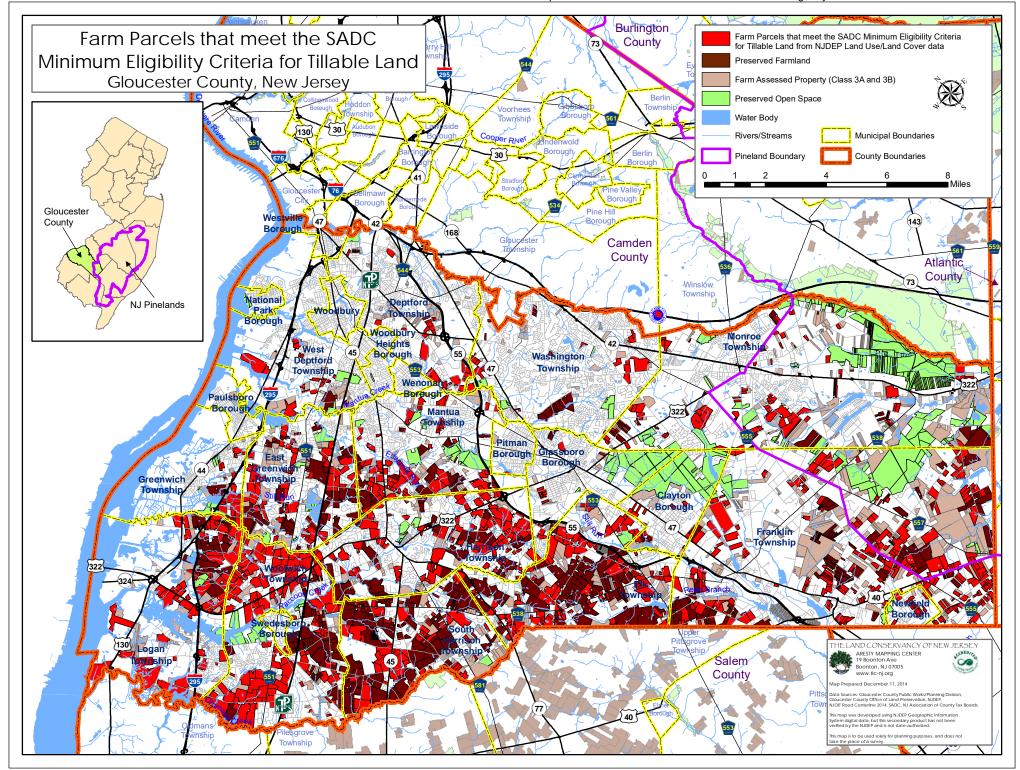


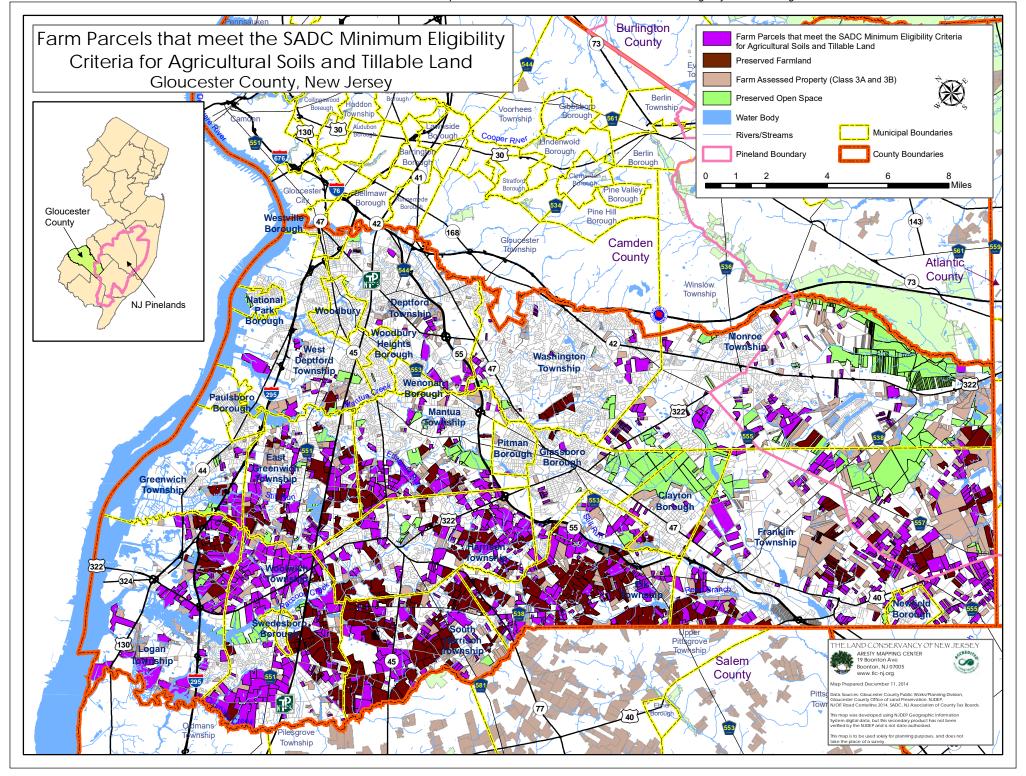


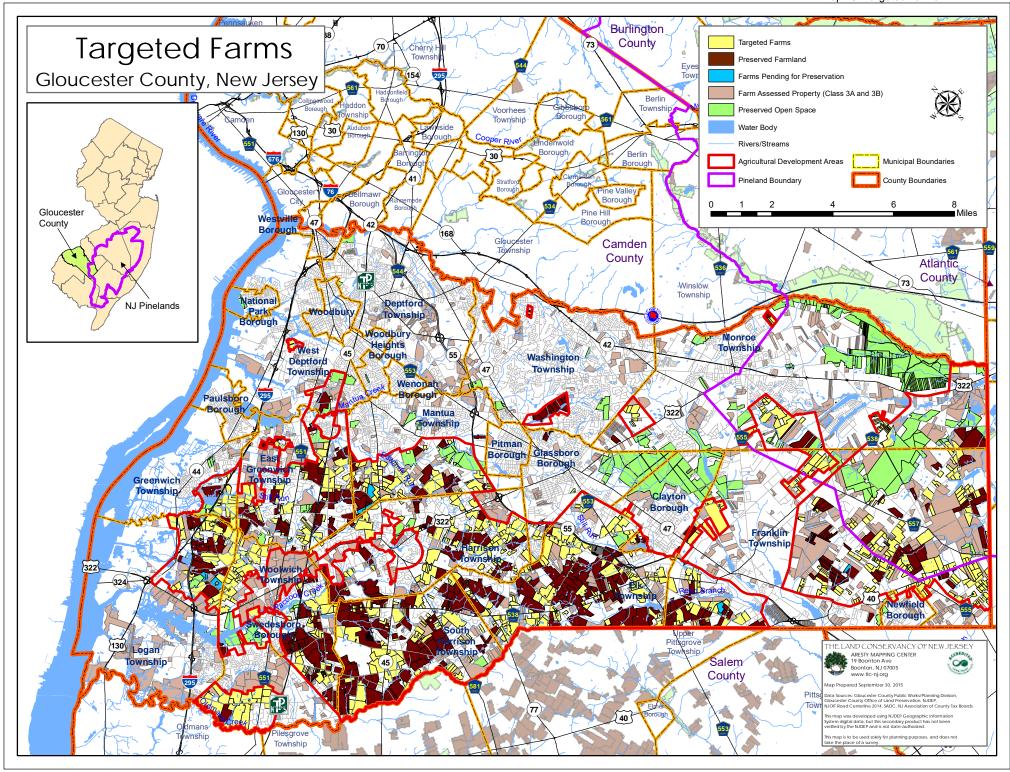












## **APPENDIX**

Appendix A. Agricultural Support and Services in Gloucester County

Appendix B. State Agriculture Development Committee Model Right to Farm Ordinance

Appendix C. Gloucester County Agriculture Development Board: Meeting Notices and Resolutions

Appendix D. Farm Parcels Meeting the SADC Minimum Eligibility Criteria for Soils and Tillable Land: Targeted Farms

Appendix E. Unpreserved Farmland in Gloucester County

Aerial Applicators

Carter Aviation & Aero Service LLC

256 S Tuckahoe Rd.

Williamstown, NJ 08094 Phone: (856) 629-6699

Beekeeping Supplies

Harvey R D Beekeeper

State Route 40

Monroeville, NJ 08343 Phone: (856) 358-1010 Fax: (856) 358-1166

Description: honey, glass containers for honey, Apiary

Supplies

Certified Crop Advisors

Richard Grant P.O. Box 94

Richwood, NJ 08074 Phone: (609) 589-5724

E-mail: Richard.grant@syngenta.com

Crop Insurance Agents

Grace Wheeler-Crop Growers Insurance Services

151 Bridgeton Rd. Mullica Hill, NJ 08062 Phone: (856) 478-6576 Phone: (800) 234-7012

**Custom Slaughter Houses** 

Burlington Beef Old Burlington Road Monroeville, NJ 08343 Phone: (856) 358-2321

Equipment (New, Used, Parts, Service)

Description: SCAG Commercial Mowers, STIHL Chain Saws,

Lawn Boy, Toro, Snapper Mowers

Borrie's Outdoor Power Equipment

659 Swedesboro Rd. Gibbstown, NJ 08027 Phone: (856) 423-6499

Peach Country Ford Tractor Inc. 749 Mullica Hill Rd. (Route 322)

Richwood, NJ 08074 Phone: (856) 589-3953 Fax: (856) 582-9682

E-mail: PCFT.neil@verizon.net

Description: Sell and rent New Holland, Short Line Busch Hogg, Rhino and Cub Cadet compact tractors. Parts, sales,

and service.

Ledden's Garden Center and Nursery 195 Center St

Sewell, NJ 08080 Phone: (856) 468-1000

Paul B. Zimmerman

Steel Barn Equipment - Headlock, gate, fence, stalls

Phone: (717) 738-7365

**Feeds** 

**Damingers Country Store** 

641 Main St.

Sewell, NJ 08080-4423 Phone: (856) 468-0822

Tanger Chas Feed State Highway 41 Deptford, NJ 08012 Phone: (856) 227-0436 Description: All feeds.

Williamson JW Co & Farm Supply

Aura Hardingville Road Monroeville, NJ 08343 Phone: (856) 881-3267

DuBois Feed

735 S. Delsea Drive Clayton, NJ 08312

Fertilizers, Lime, Chemicals, Supplies

NOTE: Contact your local Fire Department and provide them with list of chemicals/fertilizers/pesticides you store on your farm.

Growmark FS, Inc. 880 Bridgeton Pike Sewell, NJ 08080 Phone: (856) 467-2867

Description: Your local FS agronomy team will work with you from planting to harvest to develop a program to support your

individual operation. See them for:
-Dry and liquid custom application
-Premium Dry and Liquid Fertilizer

-Crop Protection Chemicals -Other Agronomic Chemicals

Helena Chemical

510 Heron Dr.

Swedesboro, NJ 08085 Phone: (856) 467-0088 Fax: (856) 467-4885 UAP Northeast P.O. Box 918 945 Route 47

Malaga, NJ 08328 Phone: (800) 227-2785 Phone: (856) 694-0120

Description: For a complete line of agricultural chemicals,

seed and fertilizers.

Financial Services
Wachovia/South Jersey
51 South Broadway

Pitman, NJ 08071 Phone: (856) 589-2345

Website: www.wachovia.com

**Equity Bank** 

114 North Main Street Mullica Hill, NJ 08062 Phone: (856) 478-2817

Website: www.equitybank.com

Food Processors
Grasso Foods Inc.
Sharptown Road
Swedesboro, NJ 08085
Phone: (856) 467-2222

Violet Packing 123 Railroad Ave. Williamstown, NJ Phone: (856) 629-7428

**Greenhouse & Nursery Supplies** 

Pipe Engineering Corp.

Atlantic Ave Clayton, NJ 08312 Phone: (856) 881-5880

Description: The NJ supplier of metal pipe for greenhouse

structures.

Rode's Greenhouses 26 Paulsboro Rd. Swedesboro, NJ 08085 Phone: (856) 467-5865

Creamy Acres 448 Lincoln Mill Rd. Mullica Hill, NJ 08062

Website: www.creamyacres.com

#### **Hoof Trimmers and Farriers**

Steve Miller

119 Whig Lane Road Monroeville, NJ 08343 Phone: (609) 769-1610

Horse Shoeing By Bernie

1453 Glassboro Rd.

Williamstown, Gloucester County, NJ 08094 Phone: (856) 881-9304 <u>calfroper@aol.com</u>

Specialize in the performance horse and hot shoeing. Certified

Graduate of Oklahoma Horse Shoeing School.

Irrigation

Eastern Drilling Company, Inc

781 Main Street Barnsboro, NJ 08080 Phone: (856) 464 8700 Phone: (856) 464-6927 Phone: (856) 878 1446

Description: Residential and Commercial Irrigation, Pump

sales and service, Well Drilling, Free Estimates

Large Animal Veterinarians

Beier

Mickleton, NJ

Phone: (856) 467-1036 *Packaging Supplies* 

Falciani Farmer's Package Supply, Inc.

2676 Harding Highway Malaga, NJ 08328 Phone: (856) 694-3579

**Poultry** 

William Hayes Golden Pond Ranch 31 Black Horse Pike Williamstown, NJ 08094 Phone: (609) 561-6615 Starter Plant Sources Kernan Greenhouses 25 Burlington Rd.

Monroeville, NJ 08343 Phone: (856) 358-8169 Rick's Country Produce

187 Richwood Rd. Monroeville, NJ 08343 Phone: (856) 358-7450

#### Other Suppliers in South Jersey and Out-of-State

**Aerial Applicators** 

Bills Ag Flying Service

P.O. Box 2462

Vincentown, NJ 08088 Phone: (609) 268-3364 Diorio Aero Service 14 Briarwood LN Bridgeton, NJ 08302 Phone: (856) 455-3990

Downstown Aero Crop Service

339 Harding Highway Vineland, NJ 08360 Phone: (856) 697-3300

Grieves Aerial Ag Service Salem Quinton Rd Salem, NJ 08079 Phone: (856) 935-3272

Oakland Farms Crop Service 223 Minches Corner Rd Bridgeton, NJ 08302 Phone: (856) 451-8224

Wings Aerial Applicators LLC 562 Ongs Hat Rd. Southampton, NJ 08088 Phone: (609) 859-0362

Wuerkers New Acres Farm Inc 103 Lincoln Place Rio Grande, NJ 08242 Phone: (609) 886-1538 **Animal Removal** M&R Wildlife Removal, Inc. 908 Cinnaminson Ave

908 Cinnaminson Ave. Palmyra, NJ 08065-1818 Phone: (856) 786-6623

Merola's Dead Animal Removal 59 N Golfwood Avenue Penns Grove, NJ 08069-9710 Phone: (856) 299-1044

Certified Crop Advisors
Rodger Jany

Rutgers Cooperative Extension of Salem County

51 Cheney Road, Suite 1 Woodstown, NJ 08098 Phone: (856) 769-0090

E-mail: Jany@aesop.rutgers.edu

Robert Moore 204 Woodstown-Daretown Rd. Pilesgrove, NJ 08098

Phone: (856) 769-0147 Fax (856) 769-4011

E-mail: moorejag@mindspring.com

Timothy Hahn 891 Main St. Salem, NJ 08079 Phone: (856) 769-0147 Fax: (856) 769-4011

E-mail: Thahn1@mindspring.com

Wayne Knerr 872 Centerton Road Pittsgrove, NJ 08318 Phone: (856) 769-0147 Fax: (856) 769-4011

E-mail: knerrw@helenachemical.com

Tony Estes 504 Laurel Blvd. Browns Mills, NJ 08015 Phone: (609) 735-1945 Fax: (609) 735-1945

E-mail: tonyagriumcps@yahoo.com

Richard Klevz 40 Saddle Shop Rd. Ringoes, NJ 08551 Phone: (908) 479-4500 Fax: (908) 479-1411

E-mail: Debrick40@aol.com

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Compost Analysis

Agri Analysis, Inc. 280 Newport Road P.O. Box 483 Leola, PA 17540

Phone: (717) 656-9326

A&L Eastern Labs 7621 White Pine Rd.

Richmond, VA 23237-2296 Phone: (804) 743-9401

Woods End Research Laboratory, Inc.

P.O. Box 297

Mt. Vernon, Maine 04352 Phone: (207) 293-2457 E-mail: <u>info@woodsend.org</u>

Compost Planting Mix

**Emerald Grow Products** 

Compost Leaves

Phone: (856) 455-7500

Yeatman & Sons Mushroom Farm

NOFA-NJ Certified Organic - Mushroom soil

600 North Baker Station Rd West Grove, PA 19390 Phone: (610) 869-7211

Construction

Allensville Planning Mill, Inc.

108 East Main Street Allensville, PA 17002

Phone: (800) 322-1306, ext. 252

Phone: (717) 994-2317

Description: Country Roads barns and shelter, shed row

barns, run-in shelters, and run-in sheds.

**Eberly Barns** 

2010 Horseshoe Rd. Lancaster, PA 17602 Phone: (717) 391-7808 Fax: (717) 391-7806

Website: www.eberlybarns.net

Description: Custom built shed row horse barns, run-in sheds.

Fully licensed and insured.

The Barn Yard 52 Mill St.

Christiana, PA 17509 Phone: (610) 593-8400 Fax: (610) 593-7977

Website: www.barnvardsheds.com

Description: Stalls and sheds

Groffdale Barns

745 Strasburg Pike Strasburg, PA 17579

Phone: (717) 687-8350

Website: www.lancastercountycraftsman.com

Description: Restoration and construction of any type barn, pre-built and modular horse barns from 1 to 10 stalls, utility shed, remodels and reconstructs old barns into modernized horse barns, apartments, or offices. No sub contractors.

Conestoga Buildings

202 Orlan Rd.

New Holland, PA 17557 Phone: (800) 544-9464

Website: www.conestogabuildings.com

Description: Equine loft barns, arenas, run-in sheds, stables, and washrooms. Serve PA, DE, MD, NJ, VA, WV, and NY.

Equest-Eagle Horse Barns, Inc

Box 73

Tylersport, PA 18971 Phone: (215) 541-0291 Fax: (215) 541-1971

E-mail: <u>EquestEagle@msn.com</u> Website: <u>www.noblebarns.com</u>

Description: Traditional and classic barn designs; also offer complete horse barn re-building service and have premium safety stall type grills, doors, and hardware in stock.

Horizon Structures 623 Mt. Vernon Rd. Gap, PA 17527

Phone: (717) 442-2392

Website: www.shedsandgazebos.com

Description: Horse barns of old fashioned design.

Farmer Boy Ag Systems 410 East Lincoln Avenue Myerstown, PA 17057 Phone: (800) 845-3374

Website: www.farmerboyag.com

Description: Site selection and evaluation. Comprehensive

design-build services with thoroughbred styling.

Kistler Buildings P.O. Box 395 9883 Old Route 22 Fogelsville, PA 18051 Phone: (800) 547-8537 Phone: (610) 285-6100

Website: www.kistlerbuildings.com

Description: Construction of post frame structures, year-

round construction.

Little Construction RR 30 Box 3115 Mt. Holly, NJ 08060

Phone: (609) 261-6000 Fax: (609) 261-1295

Morton Buildings, Inc.

**PO Box 126** 

Phillipsburg, NJ 08865-0126

Phone: (908) 454-7905

Website: <a href="http://www.mortonbuildings.com">http://www.mortonbuildings.com</a>

National Frame Builders Association

Website: <a href="http://nfba.org/html/">http://nfba.org/html/</a>

Description: People who are looking for a post-frame builder, supplier, or design professional use the NFBA website to find

 $a\ qualified\ professional\ in\ their\ area.$ 

Triple-H Construction 430 Springville Road Ephrata, PA 17522 Phone: (717) 738-2142 Phone: (800) 874-7531

Description: Offer construction management, Agriculture Design (including milking parlors, staff facilities, storage and equipment areas, free stall housing, box pen housing, tire stall

housing, sort and treatment areas) and more.

White Horse Construction

Gap, PA

Phone: (610) 593-5559

Description: Specializing in horse barns, standing seam or metal roofing, pole barns, general construction, garages,

agriculture buildings.

Unlimited Structures, Inc.

Rep: Jim Sannino Phone: (800) 858-7297 Phone: (856) 358-0040

Description: Pole buildings, horse barns, riding arena, equipment storage, garages, commercial buildings

Crop Insurance Agents

Peter Hart

935 Farnsworth Ave. Bordentown, NJ 08505 Phone: (609) 298-5488

**GS** Newton Associates

7 Maple Ave.

Flemington, NJ 08822 Phone: (908) 788-9080

Marilyn Schwasta

1 Horticultural Lane Edwardsville, IL 62025

Phone: (618) 656-4240

Sloan Insurance 33 2nd Street Elmer, NJ 08318 Phone: (856) 358-8161

Equipment (New, Used, Parts, Service)

4-T's Farm

1 Stone Sign Post Road Flemington, NJ 08822 Phone: (908) 782-0688 Fax: (908) 782-2913

Description: Horse Trailers, (Aluminum, Galvanized, & Steel) New-Used Trucks, Hitches & Repairs, Diesel Performance

Products & Exhaust

Description: Specializes in sale of Kubota machinery (front

loader, backhoe, basic tractor)

**Cotner Trailers** 

8521 Easton Road (Rt. 611)

Revere, PA 18953 Phone: (610) 847-2237 Phone: (888) 856-3138

Website: www.cotnertrailers.com

Description: Quality, Custom Built Horse Trailers

DelVal Industrial Tires, Inc.

948 S. Broadway P.O. Box 307

Pennsville, NJ 08070 Phone: (856) 935-6593 Fax: (856) 935-7105

Description: Tires and supplies

**Donald Scheese** 

369 Cohansey-Friesburg Rd.

Elmer, NJ 08318 Phone: (856) 455-3462 Phone: (856) 769-4025

Description: Used Farm Equipment

Earth Tools

660 Mt. Vernon Road Frankfort, KY 40601 Phone: (502) 226-5751 Phone: (502) 484-3988

Website: www.earthtoolsbcs.com

Description: Small scale farm, Homestead, Lawn & Garden Equipment Also: Hand Forged European and Professional

quality Garden Tools

Ferrari Tractor CIE 654A Kentucky Street

PO Box 1045

Gridley, CA 95948 Phone: (530) 846-6401 Fax: (530) 846-0390

Website: www.Ferrari-Tractors.com

Fred Harz & Son US Hwy 40 Elmer, NJ 08318 Phone: (800) 694-8473

Fax: (856) 358-8506

Website: www.fredharz.com

Description: They have a complete range of tires, wheels, fuels

and lubricants for farm and industrial.

Graham's Trailer Sales North Gulfwood Avenue

Penns Grove, NJ 08069 Phone: (856) 299-3670 Description: Aluminum and steel animal trailers.

GVM, Inc.

374 Hidlersburg Rd. P.O. Box 358

Biglerville, PA 10307 Phone: (866) 677-4510 Website: www.gvminc.com

Description: Poly tanks, pumps and fittings, valves, couplers, and spray nozzles, fertilizer, spreaders, and equipment.

Hoober, Inc PO Box 518

Intercourse, PA 17534 Phone: (800) 732-0017

Hoober, Inc. PO Box 107

Middletown, DE 19709 Phone: 1 (800) 341-4028

Description: Farm equipment, tractors on site and service.

Hoober, Inc. East Main St.

McAlisterville, PA 17049 Phone: 1-(800) 433-6679

Hoober, Inc.

6367-A Stein Highway Seaford, DE 19973 Phone: 1-(800) 843-3056

Lapp's Barn Equipment Inc.

Old Phila Park Gap, PA 17527

Phone: (717) 442-8134

J.B. Zimmerman 1044 Main Street Blue Ball, PA

Phone: 1 (800) 758-8030

Description: DeLaval Milking and Farm Equipment &

Supplies.

Nolt's Produce Supplies 152 North Hershey Avenue

Leola, PA 17540 Phone: (717) 656-9764

Description: We specialize in vegetable growing supplies and equipment. Plastic mulch lifters, water wheel transplanters, plastic mulch layers, packaging machinery, aluminum conveyors, greenhouse frames and equipment.

Pennington Sales and Service

63 Route 31 N

Pennington, NJ 08534 Phone: (609) 737-0445 Fax: (609) 737-0472

E-mail: Penningtonsales@verizon.net

Description: Pennington Sales and Service offers an extensive selection of products and services in the agricultural, lawn and garden and commercial equipment industries.

#### Pole Tavern Equipment Sales Corp.

670 Route 40 Elmer, NJ 08318 Phone: (800) 924-0381 Phone: (856) 358-2880 Fax: (856) 358-0922

Description: John Deere Dealer

Powerco, Inc. 12 Route 173 Clinton, NJ 08809 Phone: (800) 232-7232

Description: Kubota Dealer

Power Fence Systems, Inc

3490 Route 22 West Somerville, NJ 08876 Phone: (908) 823-0393 Fax: (908) 823-3378

Description: Sales, Maintenance, Installation,

Decorative, Deer, Stock, Pool Sites

#### Wainwright Lawn and Garden

2126 Old York Road Florence, NJ 08518 Phone: (609) 499-2711

Farm-Rite

122 Old Cohansey Rd. Shiloh, NJ 08353

Phone: (856) 451-1368 Phone: (800) 752-6373 Phone: (800) 848-5051 E-mail: <u>info@farm-rite.com</u> Website: www.farmrite.com

Description: Equipment sales and service. Case IH, Caboda,

Cub Caddett, Irrigation Equipment, and Construction

Equipment.

#### D&R Equipment Inc.

Rt. 579

Ringoes, NJ 08551 Phone: (908) 782-5082

Description: Used equipment, tractors. Sandy Lake Implement Co.

Massey Ferguson Dealer 3675 Sandy Lake Rd.

Sandy Lake, PA 16145-9803

Phone: (724) 376-2489 Fax: (724) 376-3775

Website: www.sandylakeimp.com

Description: Supply new products, parts, and service to the community for the long term with dedication to quality, fairness, and honesty. They sell compact and farm tractors,

along with other farm equipment.

#### Lee Rain Inc.

Massey Ferguson Dealer 2079 E. Wheat Road Vineland, NJ 08361 Phone: (856) 691-4030

#### Lee Rain Inc

Massey Ferguson Dealer 1 Deerfield Road Elmer, NJ 08318 Phone: (856) 451-8376 Toll Free: 1 (877) 538-7878 E-mail: www.leerain.com Lee & Sam Fjocchi

#### Owen Supply (A division of Farm-Rite)

Route 40

Woodstown, NJ 08098 Phone: (856) 769-0308 Phone: (800) 848-5051 Website: www.Farmrite.com Description: Farm parts and hardware.

#### Leslie G. Fogg, New Holland Dealer

563 Stow Creek Rd Bridgeton, NJ

Phone: (856) 935-5145 Fax: (856) 451-3029

E-mail: <u>lesliefogg@aol.com</u>
Website: www.lesliefogg.com

Description: sell Busch Hogg, Woods, Brillion, Lely, Polaris

work machinery, and Farm and Industrial Parts.

## Cherry Valley Tractor, New Holland dealer

35 W. Rt. 70

Marlton, NJ 08053-3099 Phone: 856-983-0111 Fax: 856-983-8033

E-mail: info@cherryvalleytractor.net Website: www.cherryvalleytractor.net

Description: Sell John Deere, Kubota, and New Holland

equipment plus parts and service.

#### Roorks Farm Supply, Inc.

163 Route 77 Elmer, NJ 08318 Phone: (856) 358-3100

Feeds

## Bonding requirements of Commission Merchants, Dealers, Brokers and Agents, N.J.A.C. 2:72 insures that the buyers of perishable farm products doing business with New Jersey farmers have on deposit with the New Jersey Department of Agriculture sufficient security bond to cover their purchases. By only doing business with firms or individuals licensed and bonded by the NJDA, New Jersey farmers have a method of recovering monies owed to them by licensed agricultural commissioned merchants (any person engaged in the business of soliciting or receiving any perishable agricultural commodity for sale on commission on behalf of the grower thereof), brokers, agents and commodity dealers in the event of bankruptcy or default by enabling the farmer to file a verified claim against the security or deposit with help from the Department.

Ace Feed & Supply 1564 Englishtown Road Old Bridge, NJ 08857-3907 Phone: (732) 251-6700

Adamo Feed Company Incorporated 19 S. East Ave. Vineland, NJ 08360 Phone: (856) 691-0223

Description: Livestock feeds, bags.

Agrain Inc. N. Main

Pennington, NJ 08534 Phone: (609) 737-2800

Agway – J & S Home & Garden Shilo Pike

Bridgeton, NJ 08302 Phone: (856) 455-0810

Agway Feed Mill 1127S. Main St. Phillipsburg, NJ 08865 Phone: (908) 454-1127

Agway 216 Cross Keys Road Berlin, NJ 08009 Phone: (856) 768-6400

Agway Inc. Burlington County 14 Jacobstown Road New Egypt, NJ 08533 Phone: (609) 723-7775

Agway Inc. Farm & Home US Hwy No 206 Columbus, NJ 08022 Phone: (609) 298-0848

Agway-Belle Mead Farmers Co-Op Assn. 100 Township Line Road Hillsborough, NJ 08844-3857 Phone: (908) 359-5173

All Feeds 223 Pennsville-Auburn Rd. Pedricktown, NJ 08067 Phone: (856) 299-6373

Allen's Feed & Pet Supplies 204 Carranza Road Vincentown, NJ 08088-9330 Phone: (609) 268-1191

Alloway Village Hardware and Feed 43 N Greenwich St Alloway, NJ 08001 Phone: (856) 935-6888

Animal Feeds International Corp. 77 Brant Ave Clark, NJ 07066 Phone: (732) 827-0660

Website: www.animalfeeds.com

Butterhofs Farm & Home Supply

5715 White Horse Pike Egg Harbor City, NJ 08215 Phone: (609) 965-1198

Phone: (609) 965-1198 Fax: (609) 804-0793

Description: Lawn and Garden Supply, Livestock Feeds, Hay

and Straw

Cody's Feed Store & Pet Supply

State Hwy No. 50 Tuckahoe, NJ 08250 Phone: (609) 628-2200

Coeblers Mill 3 Washington Ave.

High Bridge, NJ 08829-2108

Phone: (908) 638-5577

Damblys Stone & Mulch Williamstown New Fre Berlin, NJ 08009

Phone: (856) 767-6883

Glendon Coleman Feeds & Limes

89 Aldine-Shirley Road

Elmer, NJ 08318

Phone: (856) 358-8386 Fax: (856) 758-3064

Description: Blue Seal, Mannapro, Fertilizer

Croitor feed

201 School House Lane

Cape May Court House, NJ 08210

Phone: (609) 465-7365 Description: Blueseal Feeds

Dare's Feed and Pet Supply

591 Shiloh Pike

Bridgeton, NJ 08302

Phone: (856) 451-2114

Description: Blueseal Feeds-Hay and Straw

Desandre Brothers Co. Inc.

170 Cranbury Neck Rd. #A

Cranbury, NJ 08512-2000

Phone: (609) 799-4441

Description: Hay and straw

**English Creek Supply** 

RFD 1 English Creek Road

Pleasantville, NJ 08232

Phone: (609) 641-6168

Description: Buckeye Feeds – Horses and Miscellaneous.

Plus Animal Supplies.

Holmes Bros.

86 Jonathan Holmes Rd.

Cream Ridge, NJ 08514-1909

Phone: (609) 758-7586 Phone: (609) 758-2023

Description: Hay, salt, straw, turf seed, pasture seedling,

fertilizer, other custom services available.

Johnathan's True Value

798 N. Green St.

Tuckerton, NJ 08087-42 Phone: (609) 296-3391

K & D's Feed and Tack Emporium

324 State Route 24

Chester, NJ 07930-2631

Phone: (609) 654-4312

Kirby Bros Incorporated Feed

67 N. Main St.

Medford, NJ 08055

Phone: (609) 654-4312

Description: Horse, chicken, dog, cat, rabbit feed. Purina.

Lounsbury, Jon

1221 Jacksonville-Smithville

Jobstown, NJ 08041

Phone: (609) 265-8203

Nelson Horse and Cattle Co.

80 Woolman Rd. P.O. Box 407

Elmer, NJ 08318

Phone: (856) 358-1036

Description: Horse, cow, chicken, along with other types of

livestock feeds.

Penn Stanley & Sons Inc. 170 Cranbury Neck Road #A

Cranbury, NJ 08512-2000 Phone: (609) 799-6300

Pigstuff

5981 US Highway 9 Howell, NJ 07731-3386 Phone: (732) 367-7302

R Industries Incorporated 109 Stanton Rd

Flemington, NJ 08822 Phone: (908) 236-2861

Rapco Feed

47 Imlaystown-Heightstown Rd

Allentown, NJ 08501 Phone: (609) 259-9711

Ricks Saddle Shop & Feed Supplies

State Hwy No 539 Cream Ridge, NJ 08514 Phone: (609) 758-7267

Ro-Ann Farm Hay and Straw 2310 Route 206

Vincentown, NJ 08088-8815

Phone: (609) 265-1695

Rosedale Mills 101 State Hwy No 31 Pennington, NJ 08534 Phone: (609) 737-2008

Rubinfine H & Son English Creed Av. Pleasantville, NJ 08232 Phone: (609) 641-6168

Schalick Mills Inc. 100 Front Street Elmer, NJ 08318

Phone: (856) 358-2323

Sergeantsville Grain & Feed

P.O. Box 141

Sergeantsville, NJ 08557 Phone: (609) 397-0807 Fax: (609) 397-0822

Description: Full service Purina.

Smeltzer & Sons Feed & Pet Supplies

1139 S Route 9

Cape May Court House, NJ 08210-2731

Phone: (609) 465-4500

Schalick Mills, Inc. 100 Front Street Elmer, NJ 08318

Phone: (856) 358-2323

Woostown Farm Supply Rt. 40 & Grant St. Woodstown, NJ 08098

Phone: (856) 769-1800

Woodstown Ice and Coal Co.

50 East Grant St Woodstown, NJ

Phone: (856) 769-0069

### Fertilizers, Lime, Chemicals, Supplies

NOTE: Contact your local Fire Department and provide them with list of chemicals/fertilizers/pesticides you store on your farm.

Bishop Farms 105 Newkirk Road Elmer, NJ 08318 Phone: (856) 358-3250

Description: Lime & Spreading - Trucking

Chamberlin & Barclay Incorporated 2 Hightstown Cranbury Station Rd

Cranbury, NJ 08512 Phone: (609) 655-0700

Description: Mixing Fertilizers, Ag Chemicals, Grain Brokers

and Retail Gardening

Crop Production Services

766 Route 524

Allentown, NJ 08501-0548 Phone: (609) 259-7204 Fax: (609) 259-3986 E-mail: cps@ushwy1.com

Website: www.cropproductionservices.com

Espoma Company Fertilizers

6 Espoma Rd,

Millville, NJ 08332 Phone: (856) 825-0542

Description: The Espoma Company has been the leading manufacturer and marketer of natural organic plant foods for the lawn and garden industry. Our brands, including Hollytone, Plant-tone and Rose-tone, are recognized by professional and amatuer gardeners as the finest, safest, and most reliable plant foods available.

Farmers Brokerage and Supply 181 Rte 524 Allentown, NJ Phone: (609) 259-7324

Farm-Rite Inc. 122 Old Cohansey Road Shiloh, NJ 08353

Phone: (856) 451-1368

Ferrucci Louis Company Incorporated Produce 518 N Harding Hwy Vineland, NJ 08360 Phone: (856) 697-0209

Fertrell – Fertilizers and Soil Conditioners Highways 241 & 441 Bainbridge, PA

Phone: (717) 367-1566 Phone: (800) 347-1566

www.fertrell.com

Description: 100% Natural Organic Products. Custom Blends, Liquid Seaweed, Super N-OMRI Listed, Greenseed-OMRI Listed, Gold SS-OMRI Listed, Kelp Meal, Rock Phosphate, Animal Nutrition, Lawn & Garden Blends, Soil Testing Services, Super-OMRI Listed, Oxidate. Call the main office for dealer nearest you.

FMC Corporation Box 8

Princeton, NJ 08540 Phone: (609) 951-3000

Website: http://ag.fmc.com/ag/crop/

Description: FMC Corporation is one of the world's foremost, diversified chemical companies with leading positions in agricultural, industrial and consumer markets. They have weed and pest solutions, along with crop solutions.

Glendon S. Coleman Inc. 89 Aldine-Shirley Road Elmer, NJ 08318 Phone: (856) 358-8386

Description: Seed, Lime & Spreading fertilizer.

Growmark FS, Inc 122 Rt. 130 S.

Bordentown, NJ 08505 Phone: (609) 291-2700 Phone: (800) 787-4333

Growmark FS, Inc. 2 Colson Road Elmer, NJ 08318

Phone: (856) 358-3050 or (888) 432-7939

Growmark FS, Inc 658 Keyon Ave. Bridgeton, NJ 08302 Phone: (856) 455-7688

Helena Chemical 200 N White Horse Pike

Hammonton, NJ 08037 Phone: (609) 567-9207

Fax: (609) 567-9502

Helena Chemical 440 N Main St Woodstown, NJ 08098 Phone: (856) 769-5591 Fax: (856) 769-5542

Helena Chemical Co. & Central Distribution Woodstown-Mullica Hill Road Woodstown, NJ 08098

Phone: (856) 769-0147 Central Dist. Phone: (856) 769-3859

Description: Helena offers a variety of crop protection products, agricultural chemicals, seed, fertilizer and related products. Product development efforts also include Adjuvants, Seed Treatments, Nutritionals, BioScience and Value-Added Generic products. In addition to traditional agricultural products, Helena offers services in Turf & Ornamental products, forestry, aquatic and vegetation management.

George W. Hitchner 180 Diament Road Bridgeton, NJ 08302 Phone: (856) 455-5639

Description: Custom Spraying lime & fertilizer

Ivan Garrison Centerton Road Elmer, NJ 08318 Phone: (856) 358-8731

Description: Fertilizer, seed, chemicals

Oakland Farms Crop Service 223 Minches Corner Road Bridgeton, NJ 08302 Phone: (856) 451-8224

Land Resource Recycling Management, Inc.

Daniel Reed, Site Manager

PO Box 399 Norma, NJ 08347 Phone: (856) 794-2673 Fax: (856) 794-1802 Website: www.lrrm.com

Description: Land Resource Recycling Management, Inc. (LRRM) is an operations and consulting firm specializing in the agricultural management of biosolids and biosolids derived products, food processing residuals, and other recyclable materials which may benefit the agricultural community or general soil productivity. Our goal is to improve the economics of agriculture by recycling former waste products, thereby providing low or no-cost alternatives to commercial fertilizers while reducing the cost of disposal for the industries generating these formerly misplaced resources.

McGeary Grain Inc. P.O. Box 299 150 N. Queen St. Lancaster, PA 17608

Phone: 1 (800) 624-3279 Description: Organic fertilizer

Plant Food Company, Inc. 38 Hightstown Cranbury Station Rd

Cranbury, NJ 08512 Phone: (800) 562-1291 Fax: (609) 443-8038

Website: www.plantfoodco.com E-mail: pfc@plantfoodco.com

Description: Fertilizer, Lime and Equipment

South Jersey Farmers Exchange

101 East Ave

Woodstown, NJ 08098 Phone: (856) 769-0062

Description: Sell Mixing Fertilizers, Seeds, and Ag Chemicals.

Unified Environmental Services Inc.

Phone: 1 (800) 859-5463

#### Financial Services

First Pioneer Farm Credit, ACA North Jersey Division 9 County Road 618 Lebanon, NJ 08833-3028 Phone: (908) 782-5011 NJ: 1-800-787-FARM (3276)

Fax: 908-782-5229

Website: www.firstpioneer.com

First Pioneer Farm Credit, ACA South Jersey Division 29 Landis Avenue P.O. Box 188 Bridgeton, NJ 08302 Phone: (856) 451-0933

Phone: (800) 219-9179

Farm Service Agency (FSA), USDA **FSA State Office** 163 Route 130, Bldg. 2, Suite E

Bordentown, NJ 08505 Phone: (609) 298-3446, ext. 3

Fax: (609) 298-8761

Website: www.fsa.usda.gov

FSA: Burlington-Camden-Ocean Counties

1289 Rte. 38, Suite 200 Hainesport, NJ 08036 Phone: (609) 267-1639 Fax: (609) 267-3007

FSA: Cumberland-Atlantic-Cape May Counties

1317 South Main Road, Bldg. 3, Suite A

Vineland, NJ 08360 Phone: (856) 205-1225 Fax: (856) 205-0691

New Jersey Economic Development Authority (NJEDA)

Capital Place One 36 West State Street P.O. Box 991

Trenton, NJ 08625-0991 Phone: (609) 292-1800 E-mail: njeda@njeda.com Website: www.njeda.com

Farmers & Merchants Bank

53 S. Laurel Street Bridgeton, NJ 08302 Phone: (856) 451-2222 Website: www.fmsbank.net

Wachovia

Routes 130 & 206 Bordentown, NJ 08505 Phone: (609) 298-7600

Website: www.wachovia.com

PNC Bank 76 Nassau Street Princeton, NJ 08542 Phone: (609) 497-6700 Website: www.pnc.com

Sun National Bank 226 Landis Avenue Vineland, NJ 08360 Phone: (800) 691-7701 Website: www.sunnb.com

First National Bank of Elmer 10 S. Main Street Elmer, NJ 08318

Phone: (856) 358-8141

The Bank 1 South Main Street Woodstown, NJ 08098 Phone: (856) 769-0040

Website: www.thebankonline.com

First Hope Bank 1301 Hope Bridgeville Road Hope, NJ 07844

Phone: (609) 459-4121 Website: www.firsthope.com

Website: <u>www.firsthope.com</u> Fleet Bank South

470 N. Delsea Drive Vineland, NJ 08360 Phone: (856) 696-0986 Website: www.fleet.com

Fleet Bank South

1800 Chapel Avenue West

Commerce Center Cherry Hill, NJ 08034 Phone: (609) 665-7070

Mona DiComo (Atlantic & Burlington Counties)

Wachovia National Bank 6814 Black Horse Pike Egg Harbor Township, NJ 08223

Phone: (609) 645-2000 Cell (609) 680-5400

E-mail: mona.dicomo@wachovia.com

U.S. Small Business Administration Phone:

(973) 645-2434

Website: www.sba.gov

Telmark Southern, NJ

Phone: (610) 793-0150 Website: www.telmark.com

New Jersey Department of Banking and Insurance

P.O. Box 325

Trenton, NJ 08625-0325 Website: www.state.nj.us

#### Food Processors

Atlantic Capes Fisheries, Inc.

P.O. Box 555

Cape May, NJ 08204 Phone: (609) 884-3000

B& B Poultry Co. Inc.

P.O. Box 307 Norma, NJ 08347

Phone: (856) 692-8893

C & E Canners P.O. Box 229

Hammonton, NJ 08037 Phone: (609) 561-1078

Can Corp of America

P.O. Box 170 Blandon, PA 19510 Phone: (610) 926-3044

Cape May Foods P.O. Box 158 Cape May, NJ 08204 Phone: (609) 465-4551

Cumberland Dairy Landis & Kenyon Ave P.O. Box 308

Rosenhayn, NJ 08352

Phone: (856) 451-1300 ext 3315

Seabrook Farms

Frozen vegetable processing

85 Finley Road Seabrook, NJ 08302 Phone: (856) 455-8080 Phone: (856) 455-9282

Greenhouse & Nursery Supplies

Butterhofs Farm & Home Supply

5715 White Horse Pike Egg Harbor City, NJ 08215 Phone: (609) 965-1198 Fax: (609) 804-0793

Description: Lawn and Garden Supply, Livestock Feeds, Hay

and Straw

Co-Op Growers Association, Inc.

1360 Rt. 206

Vincentown, NJ 08088 Phone: (609) 268-1018

Geiger

1240 Highway 77 Bridgeton, NJ

Phone: (856) 451-5170

Description: Full-service greenhouse supply, Bridgeton walk-

in market.

Market Farm Implement 257 Fawn Hollow Rd. Friedens, PA 15541 Phone: (814) 443-1931

Website: www.marketfarm.com

Mayerfield Supply

PO Box 249 Norma, NJ

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Rebecca Gunther Hillsborough, NJ

Phone: (908) 369-4088

Description: Only small local flocks.

Tom Horton Towanda, PA

Phone: (570) 265-8235

Brynn Kirby Hillsborough, NJ Phone: (908) 369-1009

Description: Small flocks (10 and fewer) within 45 minutes

travel distance.

Mike Leuchs Jackson, NJ

Phone: (732) 657-1229

**Drew Lucas** Englishtown, NJ Phone: (732) 446-4543

Joel Markeveys Doylestown, PA

Phone: (215) 345-0897

David Matthews Stewartstown, PA Phone: (717) 993-3630

Jonathan May 208 Hope Rd.

Buffalo Mills, PA 15534

Phone: (814) 842-6639

Bob McArdle Elmer, NJ

Phone: (856) 358-2329

Don Nehoda Doylestown, PA

Phone: (215) 348-7343

Description: Travels to NJ

George Pasley Princeton, NJ

Phone: (609) 921-7954

Radell Peters Elizabethtown, PA

Phone: (717) 367-4084

RP Shearing Service 345 N. Mt. Joy St. Elizabethtown, PA 17022 Phone: (717) 367-4084

Barb Smith Bridgeton, NJ

Phone: (610) 982-5410

Ken Snyder Airville, PA

Phone: (717) 862-3120

David Todd Maryland

Phone: (410) 917-5819

**Custom Slaughter Houses** 

Bringhurst Meats Jeff Bringhurst 38 W. Taunton Road

RFD 4

Berlin, NJ 08009 Phone: (856) 767-0224

Buyer: Yes

Description: Maintains a retail outlet, buys some lamb. Uses

80-100 lb lambs. USDA custom slaughter.

Bonhams Butcher Shop 219 Columbia Highway Bridgeton, NJ 08302 Phone: (856) 455-6459

Buyer: No

Description: Kills beef and pigs. Closed for the summer.

Niblocks Pork Products RD2 Jericho Road Salem, NJ 08079 Phone: (856) 935-2233

Buyer: No

Description: Processes hogs. Also will USDA custom

processing including lamb and goats.

Salem Packing Co, Inc. Tony Bonaccurso 697 Quinton Road Salem, NJ 08079 Phone: (856) 935-1206

Buyer: Yes

Description: Buys small amount of sheep and goats (25-30 per week) from New Holland or Cowtown. Hothouse kids and

lambs for holidays. Can do religious slaughter.

Catelli Brothers, Inc. 776 Broad St.

Shrewsbury, NJ 07701

Phone: (732) 741-3687 Buyer: No

Description: Slaughters beef locally. Carcass lamb

purchased.

M. Malik Trenton Halal Packing

Mr. Malik

610 Roebling Ave. Trenton, NJ 08611 Phone: (609) 394-0331

Buyer: Yes

Description: Muslim slaughterhouse. Sheep and goat.

V. Roche & Son 9 High Street

Whitehouse Station, NJ 08889

Phone: (908) 534-2006 Fax: (908) 534-8498

Marcacci Meats Ted Marcacci 1910 Vine Road Vineland, NJ 08360

Phone: (856) 691-4848 Buyer: No Description: Slaughter lamb & goat.

Bierig Brothers, Inc. 3539 Reilly Court

Vineland, NJ 08360 Phone: (856) 691-9765

Buyer: No

Description: Slaughters beef lamb purchased as need.

Purchase wholesale, no retail to public.

Starter Plant Sources

Silver Seed Greenhouses

P.O. Box 62

Bivalve, MD 21814 Phone: (410) 873-2942 Fax: (410) 873-2728

Email: ubuubok@dmv.com

Cross Country Greenhouses

P.O. Box 170

199 Kingwood-Locktown Rd

Rosemont, NJ 08556 Phone: (908) 996-4646 Fax: (908) 996-4638

Email: www.chileplants.com

Linvilla Orchards 137 W. Knowlton Rd Media, PA 19063 Phone: (610) 876-7116 Website: www.linvilla.com

Peacefull Valley Farm Supply

P.O. Box 2209,

Grass Valley, CA 95945 Phone: (530) 272-4769 Phone: (888) 784-1722

Website: www.groworganic.com

Farm-Rite Shiloh, NJ

Phone: (856) 451-1368

Shire Products Vineland, NJ

Phone: (856) 692-3436

Large Animal Veterinarians
NOTE: The State Board of Veterinary Medical

Examiners, 124 Halsey St., Newark, NJ 07102 (973) 504-6500, licenses and regulates the practice of Veterinarians in the State of New Jersey. Consumers are advised to check for a valid license when using the

service of Veterinarians.

Cokesbury Equine Andie Butler, D.V.M 177 Old Cokebury Rd. Lebanon, NJ 08833 Phone: (908) 236-8097

DeGarmo

Fox Farm Veterinary Services Penns Grove, NJ Phone (856) 351-1414

Elbert & Stultz Hopewell Veterinary Group Hopewell Township, NJ Phone: (609) 466-0131

Feindt

Geddes Run Vet Associates

Pipersville, PA

Phone: (215) 766-2241

Frey

Alpha Veterinary Care Alpha, NJ 08865 Phone: (908) 454-8384

Foxfire Mobile Veterinary Services

Alloway, NJ 08001 Phone: (856) 935-5600 Bob Fry Maryland

Phone: (410) 778-1515 Fax: (410) 648-5953 E-mail: <u>Bfry@dmv.com</u>

Dr. Halprern

Large Animal Medical Associates

Princeton, NJ

Phone: (609) 466-2268

Dr. Hansen

Jacobstown Veterinary Clinic

Wrightstown, NJ 08562 Phone: (609) 758-8353

Dr. Helfat

Bryan Animal Hospital Mount Holly, NJ 08060 Phone: (609) 267-0296

Higgins Acorn Embryo, Jon 8 Ludlow Ave.

Belle Mead, NJ 08502 Phone: (908) 359-3846 Fax: (630) 604-3846

E-mail: jonh@acornemb.com

Dr. Kube

**Buckingham Animal Hospital** 

Buckingham, PA Phone: (215) 794-8114

Dr. Neely Ringoes, NJ

Mid-Atlantic Equine Center Phone: (609) 397-0078

Dr. Platt

Medford, NJ 08055 Phone: (856) 461-4461

Dr. Revnolds

Pittstown, NJ 08867 Phone: (908) 735-9332 Dr. Roeing

Glen Manor Veterinary Hospital

Glen Gardner, NJ 08826

Phone: (908) 537-7663

Dr. Smith

Spring Mills Veterinary Hospital

Milford, NJ

Phone: (908) 995-4959

Dr. Robert P. Stephens, VMD

745 Gershal Ave. Norma, NJ 08347 Phone: (856) 692-6300

Dr. Streams & Wilbers Quakertown Vet Clinic

Quakertown, PA Phone: (215) 536-2726

Dr. Wessel & Zaccheo Warren Animal Hospital

Phillipsburg, NJ

Phone: (908) 859-0702

Dr. P. M. Varnold

Tri-County Veterinary Clinic

816 State Highway 45

Woodstown, NJ 08098

Phone: (856) 769-0165

Dr. Richard P. Decktor

Decktor Veterinary Hospital & Clinic

174 Pierson Road

Woodstown, NJ 08098

Phone: (856) 769-1142

Horsecare Equine Dentistry

Ken Ware

6579 Harding Highway

Mays Landing, NJ 08330

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Description: Select care for your horse's dental needs.

**B-B** Equine Dentistry

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Cochranville, PA 19330 Phone: (717) 529-0859

E-mail: beth@horse-teeth.com

**BeeKeeping Supplies** 

Whitetail Apiary Supplies

1701 S East Blvd

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Organic Service Providers

Seed Companies and Vegetable Plant Sources

Johnny's Selected Seeds

955 Benton Ave.

Winslow, ME 04901

Phone: (207) 861-3900

Websites: www.johnnyseeds.com

Description: Selection includes some organic vegetables,

flowers and herbs.

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813 Brook Road

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Phone: (802) 888-1800

Website: www.highmowingseeds.com

Description: Organic Supplier of vegetables, flowers and

herbs.

McGeary Grain Inc

150 Queens St. N

Lancaster, PA 17603

Phone: 1 (800) 624-3279

Description: Organic fertilizer

Seeds of Change

P.O. Box 15700

Santa Fe, NM 87592

Phone: (888) 762-7333

Websites: www.seedsofchange.com

Description: Organic

Abundant Life Seed Foundation

P.O. Box 772

Port Townsend, WA 98368

Phone: (360) 385-5660

Website: www.abundantlifeseed.org

Albert Lea Seed House

P.O. Box 127

Albert Lea, MN 56007 Phone: (800) 352-5247 E-mail: mac@alseed.com Website: www.alseed.com

Description: Organic supplier: grains and soybeans, test for

GMO's.

Butterworks Farm 421 Trumpass Rd. Westfield, VT 05874 Phone: (802) 744-6855

Description: Organic Grain supplier.

Champlain Valley Milling

P.O. Box 454 Westport, NY

Phone: (518) 962-4711

Website: www.cooksgarden.com

Description: Organic grains and cover crops

Fedco Seeds P.O. Box 520

Waterville, ME 04903 Phone: (207) 873-7333

Website: <a href="www.fedcoseeds.com">www.fedcoseeds.com</a>
Description: Organic Supplier

Filaree Farm

182 Conconully Hwy Okanogan, WA 98840-9974 E-mail: filaree@northcascades.net

Website: www.falareefarm.com

Description: organic garlic and cover crop supplier

Great Harvest Organics 6803 East 276th St.

Atlanta, IN 46031 Phone: (317) 984-6685

Website: www.greatharvestorganics.com

Description: Organic corn, wheat and soybeans supplier

Lakeview Organic Grain 119 Hamilton Place Penn Yann, NY 14527 Phone: (315) 531-1038

Description: Organic Supplier

NC+ Organics P.O. Box 4739 Lincoln, NE 68504

Phone: (800) 279-7999

E-mail: <u>organics@ncplus.com</u> Website: www.ncorganics.com

Description: Organic supplier of grain and soybean seeds;

tests for GMO's.

Rohrer Seeds P.O. Box 250 Smoketown, PA Phone: (717) 299-2571

E-mail: <u>info@rohrerseeds.com</u>
Website: <u>www.rohrerseeds.com</u>
Description: Organic Supplier

Sow Organic P.O. Box 527

Williams, OR 97544 Phone: (888) 709-7333

Website: <u>www.organicseed.com</u> *Description: Organic Supplier* 

Wellspring Farm 345 Lynch Rd.

Little Falls, NY 13365 Phone: (315) 866-1403

Description: Organic garlic seed supplier

Tinmouth Channel Farm

Town Rd. 19

Wallingford, VT 05773 Phone: (802) 446-2812

Website: www.organicseed.com

Description: Organic supplier over 100 varieties of herbs.

Wholesale plant supplier.

Landis Valley Museum 2451 Kissel Hill Rd. Lancaster, PA 17601 Phone: (717) 569-0401

Website: www.landisvalleymuseum.org

Description: Many varieties of organic vegetable, herb, flower

and field crop seeds with a PA German historic link.

Rupp Seeds

17919 County RD B Wauseon, OH 43567-9458

Phone: (419) 337-1841 Website: www.ruppseeds.com

Twilley Seed Co., Inc. 121 Gary Road

Hodges, DC 29653 Phone: (800) 622-7333

Website: www.twilleyseed.com

Harris Seeds

355 Paul Rd. Box 24986 Rochester, NY 14624-0966

Phone: (800) 544-7938 Website: www.harrisseeds.com

Sokes Seeds Inc. P.O. Box 548

Buffalo, NY 14240-0548

Phone: (800) 396-9238 Website: www.stokeseeds.com

Germania Seed Co. P.O. Box 31787

5978 North Northwest Highway

Chicago, IL 60631 Phone: (800) 380-4721

Website: www.germanisseed.com

Description: Cut flower seeds and all herbaceaous plants

Common Ground Farm 176 Zuck Rd.

Spring Mills, PA 16875 Phone: (814) 634-9171

E-mail: commongro@aol.com

Website: www.commongroundfarm.com

Description: Organic vegetable seedlings, specializing in

heirloom tomatoes.

Moorhill farm and Greenhouses

RR1 Box 5510

Mt. Vernon, ME 04352 Phone: (207) 293-2268

Website: www.mooarhillfarm.com

Description: Organic vegetable seedlings, herbs and

vegetables.

Silver Seed Greenhouses

P.O. Box 62

Bivalve, MD 21818 Phone: (410) 873-2942 E-mail: ubuubok@dmv.com

Description: Organic vegetable transplants and herb plugs.

Piedmont Plant Company

P.O. Box 424 Albany, GA 31702 Phone: (800) 541-5182

Indiana Berry and Plant Co. 5218 W. 500 South, Huntingburg, IN 47542 Phone: (800) 295-2226 Website: www.inberry.com

Fertrell – Fertilizers and Soil Conditioners

Highways 241 & 441 Bainbridge, PA

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www.fertrell.com

Description: 100% Natural Organic Products. Custom Blends,

Liquid Seaweed,

Super N-OMRI Listed, Greenseed-OMRI Listed, Gold SS-OMRI Listed, Kelp Meal, Rock Phosphate, Animal Nutrition, Lawn & Garden Blends, Soil Testing Services, Super-OMRI Listed, Oxidate. Call the main office for dealer nearest you.

# STATE AGRICULTURE DEVELOPMENT COMMITTEE MODEL RIGHT TO FARM ORDINANCE

A. As used in this ordinance, the following words shall have the following meanings:

#### "Commercial farm" means:

- 1. A farm management unit of no less than five acres producing agricultural or horticultural products worth \$2,500 or more annually, and satisfying the eligibility criteria for differential property taxation pursuant to the Farmland Assessment Act of 1964, N.J.S.A. 54:4-23.1 et seq.; or
- 2. A farm management unit less than five acres, producing agricultural or horticultural products worth \$50,000 or more annually and otherwise satisfying the eligibility criteria for differential property taxation pursuant to the Farmland Assessment Act of 1964, N.J.S.A. 54:4-23.1 et seq.

"Farm management unit" means a parcel or parcels of land, whether contiguous or noncontiguous, together with agricultural or horticultural buildings, structures and facilities, producing agricultural or horticultural products, and operated as a single enterprise.

"Farm market" means a facility used for the wholesale or retail marketing of the agricultural output of a commercial farm, and products that contribute to farm income, except that if a farm market is used for retail marketing at least 51 percent of the annual gross sales of the retail farm market shall be generated from sales of agricultural output of the commercial farm, or at least 51 percent of the sales area shall be devoted to the sale of the agricultural output of the commercial farm, and except that if a retail farm market is located on land less than five acres in area, the land on which the farm market is located shall produce annually agricultural or horticultural products worth at least \$2,500.

"Pick-your-own operation" means a direct marketing alternative wherein retail or wholesale customers are invited onto a commercial farm in order to harvest agricultural, floricultural or horticultural products.

- B. The right to farm is hereby recognized to exist in this [Township, Borough, City] and is hereby declared a permitted use in all zones of this [Township, Borough, City]. This right to farm includes, but not by way of limitation:
  - (1) Production of agricultural and horticultural crops, trees, apiary and forest products, livestock, poultry and other commodities as described in the Standard Industrial Classification for agriculture, forestry, fishing and trapping.
  - (2) Housing and employment of necessary farm laborers.

- (3) Erection of essential agricultural buildings, including those dedicated to the processing and packaging of the output of the commercial farm and ancillary to agricultural and horticultural production.
- (4) The grazing of animals and use of range for fowl.
- (5) Construction of fences.
- (6) The operation and transportation of large, slow-moving equipment over roads within the [Township, Borough, City].
- (7) Control of pests, including but not limited to insects and weeds, predators and diseases of plants and animals.
- (8) Conduction of agriculture-related educational and farm-based recreational activities provided that the activities are related to marketing the agricultural or horticultural output of the commercial farm and permission of the farm owner and lessee is obtained.
- (9) Use of any and all equipment, including but not limited to: irrigation pumps and equipment, aerial and ground seeding and spraying, tractors, harvest aides, and bird control devices.
- (10) Processing and packaging of the agricultural output of the commercial farm.
- (11) The operation of a farm market with attendant signage, including the construction of building and parking areas in conformance with [Township, Borough, City] standards.
- (12) The operation of a pick-your-own operation with attendant signage.
- (13) Replenishment of soil nutrients and improvement of soil tilth.
- (14) Clearing of woodlands using open burning and other techniques, installation and maintenance of vegetative and terrain alterations and other physical facilities for water and soil conservation and surface water control in wetland areas.
- (15) On-site disposal of organic agricultural wastes.
- (16) The application of manure and chemical fertilizers, insecticides and herbicides.
- (17) Installation of wells, ponds and other water resources for agricultural purposes such as irrigation, sanitation and marketing preparation.
- (18) Engage in the generation of power or heat from biomass, solar, or wind energy, provided that the energy generation is consistent with the provisions of P.L.2009, c.213 (C.4:1C-32.4 et al.), as applicable, and the rules and regulations adopted therefor and pursuant to section 3 of P.L.2009, c.213 (C.4:1C-9.2); and

Commercial farm operators may engage in any other agricultural activity as determined by the State Agriculture Development Committee and adopted by rule or regulation pursuant to the provisions of the "Administrative Procedure Act," P.L. 1968, c.410 (C.52:14B-1 et seq.).

- C. Commercial farm operators are strongly advised to adhere to generally accepted agricultural management practices that have been:
  - (a) promulgated as rules by the State Agriculture Development Committee;
  - (b) recommended as site-specific agricultural management practices by the county agriculture development board;
  - (c) approved by the local soil conservation district in the form of a farm conservation plan that is prepared in conformance with the United States Department of Agriculture, Natural Resources Conservation Service (NRCS) Field Office Technical Guide (FOTG), revised April 20, 1998, as amended and supplemented; or
  - (d) recommended by the Rutgers Agricultural Experiment Station.
- D. The foregoing activities must be in conformance with applicable Federal and State law.
- E. The foregoing practices and activities may occur on holidays, weekdays and weekends by day or night and shall include the attendant or incidental noise, odors, dust and fumes associated with these practices.
- F. It is hereby determined that whatever nuisance may be caused to others by these foregoing uses and activities is more than offset by the benefits of farming to the neighborhood community and society in general.
- G. Any person aggrieved by the operation of a commercial farm shall file a complaint with the applicable county agriculture development board or the State Agriculture Development Committee in counties where no county board exists prior to filing an action in court.
- H. To help parties resolve disputes involving the operation of commercial farms, the State Agriculture Development Committee also provides an Agricultural Mediation Program. Mediation is a voluntary process in which a trained, impartial mediator helps disputing parties examine their mutual issues, identify and consider options, and determine if they can agree on a solution. A mediator has no decision-making authority. Successful mediation is based on the voluntary cooperation and participation of all the parties.
- I. An additional purpose of this ordinance is to promote a good neighbor policy by advising purchasers and users of property adjacent to or near commercial farms of accepted activities or practices associated with those neighboring farms. It is intended that, through mandatory disclosures, purchasers and users will better understand the impacts of living near agricultural operations and be prepared to accept attendant conditions as the natural result of living in or near land actively devoted to commercial agriculture or in an Agricultural Development Area, meaning an area identified by a county agriculture development board pursuant to the provisions of

N.J.S.A.4:1C-18 and certified by the State Agriculture Development Committee.

The disclosure required by this section is set forth herein, and shall be made a part of, the following disclosure form:

#### REAL ESTATE TRANSFER DISCLOSURE STATEMENT

This disclosure statement concerns the real property situated in the [Township, Borough, City]				
of [ ] described as Block, Lot This statement is a disclosure of the				
conditions of the above described property in compliance with Ordinance No of the				
[Township, Borough, City] of [ ]. It is not a warranty of any kind by the seller(s) or any				
agent(s) representing any principal(s) in this transaction, and is not a substitute for any				
inspections or warranties the principal(s) may wish to obtain.				

I.

#### Seller's Information

The seller discloses the following information with the knowledge that even though this is not a warranty, prospective buyers may rely on this information in deciding whether and on what terms to purchase the subject property. Seller hereby authorizes any agent(s) representing any principal(s) in this transaction to provide a copy of this statement to any person or entity in connection with any actual or anticipated sale of the property. The following are representations made by the seller(s) as required by the [Township, Borough,

City] of [ ] and are not the representation of the agents, if any. This information is a disclosure and is not intended to be part of any contract between the buyer and seller.

The [Township, Borough, City] of [ permits the operation of generally accepted agricultural management practices within the municipality. If the property you are purchasing is located near land actively devoted to commercial agriculture or in an Agricultural Development Area, meaning an area identified by a county agriculture development board pursuant to the provisions of N.J.S.A.4:1C-18 and certified by the State Agriculture Development Committee, you may be affected by these agricultural activities or practices. The effect of these activities or practices may include, but are not limited to: noise, odors, fumes, dust, smoke, insects, operation of machinery (including aircraft) during any 24 hour period, storage and disposal of manure and compost, and the application by spraying or otherwise of fertilizers, soil amendments, herbicides and pesticides. One or more of the effects described may occur as the result of any agricultural operation which is in conformance with existing Federal and State laws and regulations and accepted customs and standards. If you live near an agricultural area, you should strive to be sensitive to the needs of commercial farm operators, as their presence is a necessary aspect of an area with a strong rural character and a strong agricultural sector. The State Agriculture Development Committee has established a formal complaint process to assist in the resolution of any disputes which might arise between residents of the [Township, Borough, City] of [ 1 regarding the operations of commercial farms.

Seller certifies that the information herein is true and correct to the best of seller=s

knowledge as of the date signed by the seller.					
Seller		Date			
Seller		Date			
		II.			
Buyer(s) and sel	ler(s) may wish to obtai	n professional advice and	or inspections of the		
property and to provide for appropriate provisions in a contract between buyer and seller(s)					
with respect to any advice/inspections/defects.					
I/We acknowledge receipt of a copy of this statement.					
Seller	Date	Buyer	Date		
Seller	Date	Buyer	Date		
Agent representing seller		By	Date		

 $S: \label{thm:local} \mbox{\sc s.'} \mbox{\sc s.'$ 

# AFFIDA' TOF PUBLICATION

State of New Jersey

SS:

Gloucester County Salem County **Cumberland County** 

#### PUBLIC NOTICE

# GLOUGESTER COUNTY AGRICULTURE DEVELOPMENT BOARD

Please be advised that at the February 14, 2013 meeting of the Gloucester County Agriculture Development Board (GCADB) public hearings will be held on the following items:

Request of Still Run Properties LLC, Block 1, Lots 3 & 5, Township of Mantua, on the creation of an 8-Year Farmland Preservation Program. Request of Still Run Properties LLC, Block 4, Lot 7, Township of Mantua, on the creation of an 8-Year Farmland Preservation Program. Discussion and possible action on the expansion of Gloucester County's Agricultural Development Area (ADA), as it pertains to the Gloucester County Comprehensive Farmland Preservation Plan and the required update to Gloucester County's Planning Incentive Grant (PIG) application.

The meeting will be held at 7:30pm in Conference Room "C" of the Gloucester County Government Services Building, 1200 North Delsea Drive, Clayton, NJ, 08312. Questions may be directed to Ken Atkinson,

i a c t	loseph P. Owens, being duly swiss an agent of the South Jersey bublishers of "South Jersey Time and published at Cherry Hill, N.J. for Gloucester, Salem and Cumber hat a notice of which the annexe published in said newspaper for a successively commencing on the	y Media Group, es", a newspaper printed for the State and Countie erland aforesaid, and ed is a true copy, was a period of time(s) e day of , 2013, and continuing	d es
_		, 2013.	
	Joseph P. Owens	, General Manager	1) (
	Sworn to and subscribed to me	e this day of	
	- February	, 2013.	
/	unthea J. Fin	Magier Page C-1	
$\sim$	cynthia I. Frazier	Notary Public of New Jerse	v

# RESOLUTION OF THE GLOUCESTER COUNTY AGRICULTURE DEVELOPMENT BOARD GRANTING APPROVAL OF A REVISION TO THE AGRICULTURE DEVELOPMENT AREA (ADA) FOR GLOUCESTER COUNTY

WHEREAS, the Gloucester County Agriculture Development Board (CADB, the Board) has been established by the Board of Chosen Freeholders of the County of Gloucester (The County), pursuant to N.J.S.A. 4:1C-11 et seq., the Agriculture Retention and Development Act (The Act), and also in accordance with regulations promulgated at N.J.A.C. 2:76-5 et seq., and

WHEREAS, the farmland component of the 1997 Gloucester County Farmland Preservation, Open Space Protection and Recreational Needs Study evaluated all active and farmland assessed farms based upon statutory and County criteria, and

WHEREAS, for the 2008 Gloucester County Comprehensive Farmland Preservation Plan (The Plan) the CADB and The County updated their Agriculture Development Area (ADA) designating land capable of supporting agricultural production. The County utilized the following methodology to develop the updated ADA:

- Staff reviewed the criteria for creating an ADA as set forth in the state's enabling statutes;
- All farmland assessed properties and existing farmland were mapped and reviewed;
- The 1997 farmland priority analysis were reviewed;
- State Planning Areas were reviewed;
- Sewer service areas were reviewed;
- The ADA did not exceed 90% of the County's agricultural land base, and

WHEREAS, the criteria for the Gloucester County ADA was based on the following:

- Land is currently in agricultural production, has strong potential for agricultural production, or is farm assessed through a woodland management plan;
- Agriculture is the preferred, but not the exclusive use;
- Agriculture is a use permitted by current municipal zoning ordinance or is allowed as a non-conforming use, and

WHEREAS, as per the final Gloucester County Comprehensive Farmland Preservation Plan that was approved by both the CADB and the SADC, 84% of the total agricultural land base in Gloucester County was identified as being located in the ADA, and

WHEREAS, since this time The County has determined that an expansion to its ADA is necessary in order to accommodate additional farmland applications from landowners not identified in the original ADA; and

WHEREAS, this revised ADA seeks to add the following areas:

- 1. Expansion of the Pinelands North Project Area to include the following:
  - a. Senor Property Block 12601, Lot 101.03 & Block 12702, Lot 1; Monroe Township; 73.59 acres

- 2. Expansion of the Still Run Project Area to include the following:
  - a. Doyle Property Block 1902, Lots 8, 9 & 10; Clayton Borough; 45.64 acres
  - b. Doyle/Silvergate Property Block 2302, Lots 1, 2 & 30; Franklin Township; 95.99 acres
  - c. Joseph Grochowski Trust Block 1902, Lot 1; Franklin Township; 232.64 acres
- 3. Expansion of the Repaupo-Mantua Creek Project Area to include the following:
  - a. DeHart Property Block 352, Lot 3; West Deptford Township; 24.82 acres

WHEREAS, based on these additions, 86.8% of the total agricultural land base in Gloucester County is proposed to be located in this revised ADA, and

WHEREAS, the CADB developed this proposed revision to The County ADA based upon both statutory and county criteria. The revised ADA designates land that has the potential for long-term agricultural viability. This agricultural use would be the preferred, but not the exclusive, use. The criteria is as follows:

#### Statutory Criteria:

- The land must be agriculturally productive or have future production potential; zoning for the land must permit agriculture or permit it as a nonconforming use.
- Suburban and/or commercial development must be reasonably non-existent in the proposed ADA area.
- The land must comprise of no greater than 90% of the agricultural land mass of the County.
- Any attributes deemed appropriate by the Board must also be incorporated.

#### County Criteria:

- Active/productive farm
- Presence of agricultural soils
- Proximity to streams
- Proximity to limited access highways
- Proximity to other farms
- Presence of local support through the enactment of a Right to Farm ordinance and local municipal trust fund for farmland preservation; and

WHEREAS, on November 8, 2012, the CADB passed a resolution approving the revised Agriculture Development Area (ADA) for Gloucester County based on the figures and data previously identified based on these additions; and

WHEREAS, in order to ensure that the Board's previous action meets all requirements as indicated in N.J.A.C. 7:26-1.5, a notice was published in the *South Jersey Times* on February 6, 2013 indicating that the Board was discussing the revision to the County's ADA at its meeting to be held on February 14, 2013, and that action regarding the same may be taken.

NOW, THEREFORE, BE IT RESOLVED that the Gloucester County Agriculture Development Board grants its approval of the revised Agriculture Development Area (ADA) for Gloucester County based on the figures and data previously identified.

**BE IT FURTHER RESOLVED** that this action of the Gloucester County Agriculture Development Board was conducted at a public hearing held in compliance with the Open Public Meetings Act, N.J.S.A. 10:4-6 et seq.; as required by N.J.A.C. 2:76-1.5.

**ADOPTED** at a regular meeting of the Gloucester County Agriculture Development Board, held on February 14, 2013.

**Gloucester County Agriculture** 

**Development Board** 

West/J. Kandle, III, Chairman

Attest:

Kenneth P. Atkinson, Secretary

Notice: February 14, 2013 Public Hearing

Legal Advertising Department Gloucester County Times 309 South Broad St. Woodbury, NJ, 08096 November 12, 2013

**Attn: Kelly Maccaroni** 

Re: Public Notice

Please advertise the following Public Notice in the *Gloucester County Times*.

You may send the bill for this advertisement to Robert DiLella, Clerk of the Board, Gloucester County Courthouse, 2 South Broad St., Woodbury, NJ, 08096.

Thank you for your attention to this item. If you have any questions please do not hesitate to contact me.

Sincerely,

#### Ken Atkinson

Ken Atkinson, Director Gloucester County Office of Land Preservation

/ka

#### PUBLIC ANNOUNCEMENT

Please be advised that at the November 21, 2013 meeting of the Gloucester County Agriculture Development Board (GCADB) public hearings will be held on the following items:

1. Discussion and possible action on the revision of Gloucester County's Agricultural Development Area (ADA), as it pertains to the *Gloucester County Comprehensive Farmland Preservation Plan* and the required update to Gloucester County's Planning Incentive Grant (PIG) application.

The meeting will be held at 7:00pm in Conference Room "C" of the Gloucester County Government Services Building, 1200 North Delsea Drive, Clayton, NJ, 08312. Questions may be directed to Ken Atkinson, Secretary/Administrator, GCADB, at (856) 307-6451.

# RESOLUTION OF THE GLOUCESTER COUNTY AGRICULTURE DEVELOPMENT BOARD GRANTING APPROVAL OF A REVISION TO THE AGRICULTURE DEVELOPMENT AREA (ADA) FOR GLOUCESTER COUNTY

WHEREAS, the Gloucester County Agriculture Development Board (CADB, the Board) has been established by the Board of Chosen Freeholders of the County of Gloucester (The County), pursuant to N.J.S.A. 4:1C-11 et seq., the Agriculture Retention and Development Act (The Act), and also in accordance with regulations promulgated at N.J.A.C. 2:76-5 et seq., and

WHEREAS, the farmland component of the 1997 Gloucester County Farmland Preservation, Open Space Protection and Recreational Needs Study evaluated all active and farmland assessed farms based upon statutory and County criteria, and

WHEREAS, for the 2008 Gloucester County Comprehensive Farmland Preservation Plan (The Plan) the CADB and The County updated their Agriculture Development Area (ADA) designating land capable of supporting agricultural production. The County utilized the following methodology to develop the updated ADA:

- Staff reviewed the criteria for creating an ADA as set forth in the state's enabling statutes;
- All farmland assessed properties and existing farmland were mapped and reviewed;
- The 1997 farmland priority analysis were reviewed;
- State Planning Areas were reviewed;
- Sewer service areas were reviewed;
- The ADA did not exceed 90% of the County's agricultural land base, and

WHEREAS, the criteria for the Gloucester County ADA was based on the following:

- Land is currently in agricultural production, has strong potential for agricultural production, or is farm assessed through a woodland management plan;
- Agriculture is the preferred, but not the exclusive use;
- Agriculture is a use permitted by current municipal zoning ordinance or is allowed as a non-conforming use, and

WHEREAS, since this time The County determined that an expansion to its ADA was necessary in order to accommodate additional farmland applications from landowners not identified in the original ADA; and

WHEREAS, this revised ADA seeks to add the following areas:

- 1. Expansion of the Pinelands North Project Area to include the following:
  - a. Senor Property Block 12601, Lot 101.03 & Block 12702, Lot 1; Monroe Township; 73.59 acres
- 2. Expansion of the Still Run Project Area to include the following:
  - a. Doyle Property Block 1902, Lots 8, 9 & 10; Clayton Borough; 45.64 acres

- b. Doyle/Silvergate Property Block 2302, Lots 1, 2 & 30; Franklin Township; 95.99 acres
- c. Joseph Grochowski Trust Block 1902, Lot 1; Franklin Township; 232.64 acres
- 3. Expansion of the Repaupo-Mantua Creek Project Area to include the following:
  - a. DeHart Property Block 352, Lot 3; West Deptford Township; 24.82 acres

WHEREAS, the CADB developed this proposed revision to The County ADA based upon both statutory and county criteria. The revised ADA designates land that has the potential for long-term agricultural viability. This agricultural use would be the preferred, but not the exclusive, use. The criteria is as follows:

#### Statutory Criteria:

- The land must be agriculturally productive or have future production potential; zoning for the land must permit agriculture or permit it as a nonconforming use.
- Suburban and/or commercial development must be reasonably non-existent in the proposed ADA area.
- The land must comprise of no greater than 90% of the agricultural land mass of the County.
- Any attributes deemed appropriate by the Board must also be incorporated.

#### County Criteria:

- Active/productive farm
- Presence of agricultural soils
- Proximity to streams
- Proximity to limited access highways
- Proximity to other farms
- Presence of local support through the enactment of a Right to Farm ordinance and local municipal trust fund for farmland preservation; and

WHEREAS, on February 6, 2013, the CADB passed a resolution, in compliance with all requirements as indicated in N.J.A.C. 7:26-1.5, approving the revised Agriculture Development Area (ADA) for Gloucester County based on the figures and data previously identified based on these additions; and

WHEREAS, during a number of correspondences, phone conversations, and meetings over the past several months, the SADC has requested that the CADB better define its proposed expansions of its ADA area and provide additional justification for the new boundary areas; and

WHEREAS, the CADB instructed its consultant the Land Conservancy of New Jersey to again revise the expanded ADA areas, including all required maps, in order to address the SADC's concerns and to incorporate the same into Gloucester County's 2015FY Planning Incentive Grant (PIG) application.

NOW, THEREFORE, BE IT RESOLVED that the Gloucester County Agriculture Development Board grants its approval of the revised Agriculture Development Area

(ADA) for Gloucester County based on its 2015FY Planning Incentive Grant (PIG) application, including all updated mapping as to the same.

**BE IT FURTHER RESOLVED** that this action of the Gloucester County Agriculture Development Board was conducted at a public hearing held in compliance with the Open Public Meetings Act, N.J.S.A. 10:4-6 et seq.; as required by N.J.A.C. 2:76-1.5.

**ADOPTED** at a regular meeting of the Gloucester County Agriculture Development Board, held on January 16, 2014.

Gloucester County Agriculture Development Board

West /. Kandle, III, Chairman

Attest:

Kenneth P. Atkinson, Secretary

KENNETH P. ATKINSON NOTAEV P. DE ACOE NEW JERSEY MY COMMISSION ENVIRES MAY 20, 2018 BOARD OF CHOSEN FREEHOLDERS

COUNTY OF GLOUCESTER STATE OF NEW JERSEY

FREEHOLDER DIRECTOR
Robert M. Damminger

FREEHOLDER LIAISON Frank J. DiMarco



OFFICE OF LAND PRESERVATION

DIRECTOR Ken Atkinson

Office of Government Services 1200 N. Delsea Drive Building "A" Clayton, NJ 08312

Phone: 856.307.6451 Fax: 856.307.6476

landpreservation@co. gloucester.nj.us

www.co.gloucester.nj.us



August 28, 2014

The Honorable Tom Bianco, Mayor Borough of Clayton 125 North Delsea Dr. Clayton, NJ, 08312

RE: Targeted Farms for Farmland Preservation

Borough of Clayton, County of Gloucester, New Jersey

Dear Mayor Bianco:

As you are aware the County of Gloucester and/or the State of New Jersey has in the past purchased the development easement rights to farmland in your municipality.

Please be advised that the County of Gloucester is in the process of revising its Planning Incentive Grant (PIG) application as it pertains to the County's *Comprehensive Farmland Preservation Plan*, under guidelines established by the State Agriculture Development Committee (SADC) and identified in N.J.A.C.2:76-17. Specifically, N.JA.C. 2:76-17.6(b) states that "the county shall notify all municipalities in which targeted farms are located . . . no less than 90 days prior to the December 15 application deadline."

As such, this correspondence indicates that farm parcels within your municipality that meet the SADC's minimum eligibility criteria for soils and tillable land (as per the County's Comprehensive Farmland Preservation Plan) may be examined as possible targets for acquisition. Please be advised that upon receipt of this letter your municipality has 60 days to provide any written comment to this office regarding the same. Once the revision process to the County's PIG application is complete our office will forward additional details to the municipality regarding the specific properties that have made application for possible inclusion in the Farmland Preservation Program.

In addition, please be advised that at the September 18, 2014 meeting of the Gloucester County Agriculture Development Board (GCADB) a public hearing will be held pertaining to the update of the *Gloucester County Comprehensive Farmland Preservation Plan*; including the expansion of Gloucester County's Agricultural Development Area (ADA), the expansion of Gloucester County's indicated Projects Area, and all other required revisions necessary to bring the *Plan* up-to-date. The meeting will be held at 7:30 p.m. in Conference Room "C" of the Gloucester County Government Services Building, 1200 North Delsea

#### BOARD OF CHOSEN FREEHOLDERS

COUNTY OF GLOUCESTER STATE OF NEW JERSEY

FREEHOLDER DIRECTOR
Robert M. Damminger

FREEHOLDER LIAISON Frank J. DiMarco



OFFICE OF LAND PRESERVATION

DIRECTOR Ken Atkinson

Office of Government Services 1200 N. Delsea Drive Building "A" Clayton, NJ 08312

Phone: 856.307.6451 Fax: 856.307.6476

landpreservation@co. gloucester.nj.us

www.co.gloucester.nj.us



Drive, Clayton, NJ, 08312. Should your municipality be interested in attending we would welcome your participation.

If you have any questions or require further information on any of the items in this correspondence please contact me at your convenience at (856) 307-6451.

Sincerely,

Ken Atkinson, Director

Gloucester County Office of Land Preservation

/ka

# AFFIDAVIT OF PUBLICATION

State of New Jersey

**SS**:

Gloucester County Salem County Cumberland County.

#### PUBLIC NOTICE

#### PUBLIC ANNOUNCEMENT

Gloucester County Agriculture Development Board

#### Notice of Public Hearing

Please be advised that at the September 18, 2014 meeting of the Gloucester County Agriculture Development Board (GCADB) a public hearing will be held on the following matter:

> Presentation and discussion on the update of the Gloucester County Comprehensive Farmland Preservation Plan: including the expansion of Gloucester County's Agricultural Development Area (ADA), the expansion of Gloucester County's indicated Projects Area, and all other required revisions necessary to bring the Plan up-to-date.

The meeting will be held at 7:30 p.m. in Conference Room "C" of the Gloucester County Government Services Building, 1200 North Delsea Drive, Clayton, NJ, 08312. Questions may be directed to Ken Atkinson, Secretary, GCADB, at (856) 307-6451.

Cost: \$30.24

(2684905) 8/31-1t

Joseph P. Owens, being duly sworn, on his oath, says he is an agent of the South Jersey Media Group, publishers of "South Jersey Times", a newspaper printed and published at Cherry Hill, N.J. for the State and Counties of Gloucester, Salem and Cumberland aforesaid, and that a notice of which the annexed is a true copy, was published in said newspaper for a period of successively commencing on the 📶 day of \_\_, 2014, and continuing

Publisher

Sworn to and subscribed to me this 2 nd day of

Cynthia J. Frazier

Notary Public of New Jersey My commission Expires on May 12, 2016

## **County of Gloucester**

#### Comprehensive Farmland Preservation Plan Update 2014: Public Hearing

Thursday, September 18, 2014 – 7:30 p.m.

Hosted by:
Gloucester County Agriculture Development Board

Welcome/Introductions Ken Atkinson, Director, Office of Land Preservation

Presentation – Comprehensive Farmland Preservation Plan Update Facilitated by The Land Conservancy of New Jersey:

Barbara Heskins Davis, PP, AICP, Vice President Programs

- Discussion and Background
- Presentation of Maps
- Public Comment & Participation

For further information please contact:



The Land Conservancy of New Jersey 19 Boonton Avenue Boonton, NJ 07005 (973) 541-1010

Website: www.tlc-nj.org Email: info@tlc-nj.org



County of Gloucester Office of Land Preservation
Building of Government Services, 1200 North Delsea Drive, Building "A", Clayton, NJ, 08312
(856) 307-6451
Website: http://www.gloucester.countynj.gov/ Email: landpreservation@co.gloucester.nj.us

#### 2014 Comprehensive Farmland Preservation Plan Update:

The 2008 Comprehensive Farmland Preservation Plan has been updated to include:

#### Sections:

- Agricultural Land Base
- Agricultural Industry
- Land Use Planning
- Farmland Preservation Program
- Future Farmland Preservation
- Economic Development
- Natural Resource Conservation
- Agricultural Industry, Sustainability, Retention and Promotion

#### Maps:

- Farmland
- Agricultural Soils
- Agriculture Development Areas (ADA)
- Project Areas
- Farmland meeting the Agricultural Soils Minimum Eligibility Criteria as defined by the SADC
- Farmland meeting the Tillable Land Minimum Eligibility Criteria as defined by the SADC
- Farmland meeting the both the Agricultural Soils and Tillable Land Minimum Eligibility Criteria ("targeted farms")
- Changes to the ADA in 2013 and 2014

#### Meetings and Plan Schedule:

January 16, 2014	Gloucester CADB approves County 2013 ADA Amendment
January 22, 2014	Board of Freeholders approves contract with TLC-NJ
February 20, 2014	Conference Call: TLC-NJ and Office of Land Preservation
May 2, 2014	2012 Census of Agriculture released
June 19, 2014	Deliver Draft Maps for Staff Review
August 28, 2014	County Notification to Towns and SADC of Plan Update
Sept. 18, 2014	Public Hearing #1 - CADB
Nov. 20, 2014	CADB Meeting:
	Draft Farmland Preservation Plan Update
	FY2016 Planning Incentive Grant (PIG) Application
Dec. 15, 2014	ADC deadline for FY2016 PIG Application
	County Submittal of Plan Update to SADC
January 2015	Final Farmland Preservation Plan Update
February 2015	Adoption of Plan Update by County Planning Board
rebluary 2015	Adoption of Harropaate by County Flaming Board

Appendix C Notice: February 14, 2013 Public Hearing

# AFFIDAVIT OF PUBLICATION

November

State of New Jersey

Gloucester County
Salem County
Cumberland County

#### PUBLIC NOTICE

### PUBLIC ANNOUNCEMENT

Gloucester County Agriculture Development Board

## Notice of Public Hearing

Please be advised that at the December 4, 2014 meeting of the Gloucester County Agriculture Development Board (GCADB) a public hearing will be held on the following matter:

Discussion and possible action on the expansion of Gloucester County's Joseph P. Owens, being duly sworn, on his oath, sais an agent of the South Jersey Media Group, publishers of "South Jersey Times", a newspaper prand published at Cherry Hill, N.J. for the State and Co of Gloucester, Salem and Cumberland aforesaid, ar that a notice of which the annexed is a true copy, was published in said newspaper for a period of \_\_\_\_\_\_ time.

successively commencing on the 13

Joseph P. Owens

Sworn to and subscribed to madele-15 13 da

November

2014.

2014, and continui

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Clayton Borough	502	4	AURA RD	DIOCESE OF CAMDEN	28.28	24.93	88.16	28.28	100.00	Still Run
Clayton Borough	502	7	555 B COYLE RD	DESSIN WALTER III ETUX	9.99	8.10	81.04	9.99	100.00	Still Run
Clayton Borough	1902	8	1114 NORTH DELSEA DR	DOYLE TIMOTHY MICHELLE	9.94	9.19	92.47	9.94	100.00	Still Run
Clayton Borough	1902	9	NORTH DELSEA DR	DOYLE, TIMOTHY MICHELLE	13.08	12.95	98.99	13.08	100.00	Still Run
Clayton Borough	1902	10	NORTH DELSEA DR	DOYLE, TIMOTHY MICHELLE	21.79	21.47	98.56	21.79	100.00	Still Run
E. Greenwich Twp.	101	1	598 TOMLIN STATION RD	STEFKA, WILLIAM HELEN R	22.79	15.36	67.40	15.12	66.34	RepaupoMantuaCrk
E. Greenwich Twp.	102	2	174 W TOMLIN STATION RD	NEWCOMB, ROBERT L CYNTHIA J	8.80	6.82	77.46	6.67	75.79	RepaupoMantuaCrk
E. Greenwich Twp.	102	9	265 N WOLFERT STATION RD	DORMANN, MARK JENNIFER H/W	14.52	11.92	82.14	14.52	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	102	11	N WOLFERT SATION RD	VANDERGRIFT, LINDA	14.17	7.53	53.11	14.14	99.79	RepaupoMantuaCrk
E. Greenwich Twp.	102	16	N WOLFERT STATION RD	RETKOVIS, CAROL KUGLER, ELIZABETH	22.32	20.38	91.31	22.32	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	102	17	N WOLFERT STATION RD	FASTIGE GLORIA S REVOCABLE TRUST	22.87	16.12	70.49	22.87	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	103	2	320 N WOLFERT STATION RD	RETKOVIS, CAROL KUGLER, ELIZABETH	25.17	13.25	52.63	20.00	79.44	RepaupoMantuaCrk
E. Greenwich Twp.	103	6	280 N WOLFERT STATION RD	DORMANN, A CHRISTOPHER KIM SUSAN	21.08	11.48	54.48	13.51	64.09	RepaupoMantuaCrk
E. Greenwich Twp.	103	7	264 N WOLFERT STATION RD	BRESLER, GERALDINE J	28.39	22.40	78.91	28.39	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	103	12	QUAKER RD	GRUBER, JEAN E	39.32	23.92	60.84	34.09	86.69	RepaupoMantuaCrk
E. Greenwich Twp.	103	13	73 DEMOCRAT RD	BUMBERNICIK. WILLIAM R MEGAN	5.34	4.40	82.44	5.29	98.97	RepaupoMantuaCrk
E. Greenwich Twp.	103	13.01	DEMOCRAT RD	BUMBERNICK, WILLIAM R MEGAN	33.33	19.82	59.45	33.33	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	103		67 DEMOCRAT RD	BUMBERNICK, WILLIAM R MEGAN	3.89	-	-	-	-	RepaupoMantuaCrk
E. Greenwich Twp.	103	20	DEMOCRAT RD	GERSHMAN, JOEL JAGER INC	48.26	38.23	79.23	41.07	85.10	RepaupoMantuaCrk
E. Greenwich Twp.	103	21	DEMOCRAT RD	HARGREEN ASSOCIATES JAGER INC	56.52	41.66	73.71	51.99	91.98	RepaupoMantuaCrk
E. Greenwich Twp.	104	4	TOMLIN ST RD	POSTORIVO, EUGENIO	16.16	12.18	75.40	15.95	98.73	RepaupoMantuaCrk
E. Greenwich Twp.	105	3.01	68 W TOMLIN STATION RD	LICCIARDELLO. DOMINIC S	6.38	5.34	83.73	5.92	92.74	RepaupoMantuaCrk
E. Greenwich Twp.	105	13.01	W. WOLFERT STATION RD	HAMILTON, RICHARD P KATHY Z	20.68	19.86	96.02	20.68	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	205	12	105 W COHAWKIN RD	HADDOCK, EVELYN K.	19.59	16.27	83.03	19.59	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	205	13.02	COHAWKIN RD	GRASSO, JOHN MARY ANN	4.44	3.73	84.19	4.44	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	205	14	137 W COHAWKIN RD	GOINS, JOHN R. DIANE	4.44	3.73	80.31	4.44	91.73	RepaupoMantuaCrk
E. Greenwich Twp.	206	11	75 W COHAWKIN RD	PLATT, CHARLES F PATRICIA A	16.89	15.74	93.21	15.49	91.73	RepaupoMantuaCrk
E. Greenwich Twp.	401	14	70 W COHAWKIN RD	PLATT, CHARLES F JR PATRICIA ANN	15.58	9.63	61.78	11.32	72.65	RepaupoMantuaCrk
E. Greenwich Twp.	1001	1	WOLFERT STATION RD	LANZA, NOREEN D	17.77	10.70	60.21	13.07	73.59	RepaupoMantuaCrk
E. Greenwich Twp.	1001	2	619 KINGS HWY	LANZA, NOREEN D	70.32	38.85	55.24	40.72	57.91	RepaupoMantuaCrk
E. Greenwich Twp.	1001	1	380 KINGS HIGHWAY	BUCCIAGLIA, RONALD A	8.78	7.90	89.99	8.04	91.55	RepaupoMantuaCrk
E. Greenwich Twp.	1005	2.01	COHAWKIN RD	EGLINGTON CEMETARY	22.27	7.90 22.27	100.00	22.27	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1005	7	81 E COHAWKIN RD	MIHLEBACH, CHARLES J CARINE	18.01	17.84	99.05	18.01	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1005	7.01	COHAWKIN RD	EGLINGTON CEMETERY CO	11.46	8.80	76.76	11.46	100.00	RepaupoMantuaCrk
	1005	11	CEDAR RD			13.47	74.99	17.40	100.00	RepaupoMantuaCrk
E. Greenwich Twp. E. Greenwich Twp.	1102	2.02	24 W TOMLIN STATION RD	POWELL, TIMOTHY S MARINO, NATALE ANGELA	17.97	5.86	100.00	5.86		
				- 7	5.86				100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1102	3.01	739 KINGS HWY	ROSS, HORACE MAUREEN J	5.85	4.97	84.96	5.85	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1103.06		71 E.TOMLIN STATION RD	GIBSON, WARD R JANICE E	5.66	4.45	78.62	5.66	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1106	5	66 E RATTLING RUN RD	BAUER, MICHELLE P	8.68	6.90	79.48	8.68	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1106	5.10	74 E. RATTLING RUN RD	MELONI, FERDINAND J JULIA CARSON	3.04	2.98	98.22	3.04	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1107	4	74 E TOMLIN STATION RD	DEPIETRO, PHILIP A JR	57.25	27.81	48.57	42.36	73.99	RepaupoMantuaCrk
E. Greenwich Twp.	1107	5	67 E RATTLING RUN RD	CARPENITO, LYNDA J	8.54	8.49	99.43	8.54	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1107	11	63 E RATTLING RUN RD	CARPENITO, LYNDA JUALL	9.29	9.26	99.67	9.29	100.00	RepaupoMantuaCrk

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
E. Greenwich Twp.	1107	12	55 E RATTLING RUN RD	DEPIETRO, PHILIP A J/T	5.88	5.88	100.00	5.88	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1107	14	33 EAST RATTLING RUN RD	ZECK, RONALD E,JR ELAINE A	11.95	6.56	54.85	7.25		the state of the s
E. Greenwich Twp.	1107	16	RATTLING RUN RD	BEZR HOMES LLC	13.09	8.91	68.05	10.06	76.87	RepaupoMantuaCrk
E. Greenwich Twp.	1107	17	TOMLIN STATION RD	BEZR HOMES LLC	9.10	5.70	62.69	5.81	63.90	RepaupoMantuaCrk
E. Greenwich Twp.	1107	18	E TOMLIN STATION RD	DEPIETRO, PHILIP A J/T	14.99	11.07	73.87	11.17	74.51	RepaupoMantuaCrk
E. Greenwich Twp.	1202	4	UNION RD	WESTERMANN, HENRY LISA	51.51	39.20	76.10	41.42	80.41	RepaupoMantuaCrk
E. Greenwich Twp.	1202.05	22	WOLFERT STATION RD	CALTABIANO, JOSEPH J LUCY M, JR	12.72	12.72	100.00	12.72		RepaupoMantuaCrk
E. Greenwich Twp.	1203	4	585 UNION RD	POOL, OWEN GLADYS	2.13	2.03	95.59	2.13	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1203	5	UNION RD	POOL, E OWEN GLADYS E	7.50	5.14	68.52	6.64	88.56	RepaupoMantuaCrk
E. Greenwich Twp.	1204	4	CEDAR LANE	LAIL, THOMAS DORIS	21.48	20.67	96.25	21.29	99.13	RepaupoMantuaCrk
E. Greenwich Twp.	1207	7	UNION RD	LAIL. DORIS	10.78	10.78	100.00	10.78	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1207	10.01	UNION RD	MAIN STREET DEVELOPMENT CORP	6.15	6.15	100.00	6.15	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1301	1	UNION RD	LAIL. DORIS	50.92	37.69	74.03	41.70	81.89	RepaupoMantuaCrk
E. Greenwich Twp.	1301	2	COHAWKIN RD	POOL, E OWEN GLADYS A	18.99	15.82	83.27	17.84	93.93	RepaupoMantuaCrk
E. Greenwich Twp.	1302	1	358 UNION RD	LAIL. THOMAS	36.28	33.29	91.75	35.74	98.51	RepaupoMantuaCrk
E. Greenwich Twp.	1302	2	UNION RD	SCHAUB, BARBARA MRS	30.66	30.12	98.22	30.62	99.87	RepaupoMantuaCrk
E. Greenwich Twp.	1302	9	CEDAR LANE	LEPCAR CORP	14.37	13.76	95.79	13.01	90.56	
E. Greenwich Twp.	1303	1	COHAWKIN RD	GREEN, BARRY	26.67	25.17	94.38	25.86	96.97	RepaupoMantuaCrk
E. Greenwich Twp.	1303	5	166 E COHAWKIN RD	SCHAUB, BARBARA MRS	29.36	25.27	86.07	29.36	99.99	RepaupoMantuaCrk
E. Greenwich Twp.	1303	6	COHAWKIN RD	LOPES, MADELINE, JOSEPH, RITA, FRAN		3.35	96.59	3.47	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1304	11	PINE MILL RD	WORKMAN, JOHN W MARJORIE	66.12	56.78	85.88	59.13	89.42	RepaupoMantuaCrk
E. Greenwich Twp.	1304	15	301 JESSUP MILL RD	LEONE, JOSEPH A JR	1.14	1.05	91.93	1.14		
E. Greenwich Twp.	1305	2	CEDAR LANE	CRAIG, DAVID DONNA	12.44	11.41	91.71	12.44		
E. Greenwich Twp.	1305	3	190 CEDAR RD	DEANGELIS, ELOUISE	4.96	4.06	81.84	4.96	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1306	2	220 E. COHAWKIN RD	CRAIG, HOLLY KEITH	7.99	5.70	71.31	7.99		RepaupoMantuaCrk
E. Greenwich Twp.	1401	2	84 E COHAWKIN RD	MIHLEBACH, CHARLES J CARINE	45.47	41.95	92.25	45.47	100.00	RepaupoMantuaCrk
E. Greenwich Twp.	1401	5.01	86 SESAME ST	ROSENTHAL, JULIA	26.10	20.92	80.15	25.64	98.26	RepaupoMantuaCrk
Elk Twp.	5	1	328 BRIDGETON PIKE	BILL. FRANKLIN VERNA	33.23	32.67	98.31	33.23		Still Run
Elk Twp.	5	7	374 BRIDGETON PIKE	LLOYD, WM. B. KAREN R.	10.86	5.76	53.04	10.86		Still Run
Elk Twp.	5	9	502 BRIDGETON PIKE	MARPLE, WM S AMY MOOD	8.69	5.83	67.07	8.69		Still Run
Elk Twp.	5	11.02	530 BRIDGETON PIKE	GAINES, ROBERT JR. CINDY	1.44	1.44	100.00	1.44		
Elk Twp.	6	22	367 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.30	1.13	87.34	1.30		Still Run
Elk Twp.	6	23	371 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.68	1.68	100.00	1.68		Still Run
Elk Twp.	6	24	375 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.72	1.61	93.41	1.72		Still Run
Elk Twp.	6	25	379 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.47	1.43	96.96	1.47		Still Run
Elk Twp.	6	26	383 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.41	1.39	98.54	1.41		
Elk Twp.	6	27	387 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.10	1.10	100.00	1.10		Still Run
Elk Twp.	7	1	641 BRIDGETON PIKE	DIOCESE OF CAMDEN	27.98	25.74	92.01	27.93		Still Run
Elk Twp.	8	6.01	768 BRIDGETON PIKE	LAUX LAKEVIEW PARK INC	4.98	4.93	98.93	4.98		Still Run
Elk Twp.	8	6.02	755 BRIDGETON PIKE	LAUX LAKEVIEW PARK INC	5.00	4.93	84.32	5.00		Still Run
Elk Twp.	9	3	735 BRIDGETON PIKE	LAUX, JOSEPH P	21.58	20.31	94.11	21.58		Still Run
Elk Twp.	9	7.01	660 FERRELL RD	VASTA, PAUL S	15.16	14.93	98.47	15.16		Still Run
Elk Twp.	9	7.05	630 FERRELL RD	HKS ASSET MANAGEMENT LLC	6.86	5.96	86.96	6.86		Still Run
LIK I WP.	9	7.00	000 I LIVIVELE IVD	I INO AGOLT WANAGEWENT LLC	0.00	3.90	00.90	0.00	100.00	Ouii IXuII

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Elk Twp.	10	11.01	100 MOODS RD	SORBELLO, ROSARIO MARY	34.94	30.92	88.50	34.94	100.00	Still Run
Elk Twp.	11	7	900 BRIDGETON PIKE	MOOD. J RICHARD JR JOYCE H	15.89	15.00	94.39	15.89	100.00	Still Run
Elk Twp.	11	11	822 BRIDGETON PIKE	ZIENNKER, WILLIAM R SR ELAINE	5.95	5.95	100.00	5.95		Still Run
Elk Twp.	11	12	816 BRIDGETON PIKE	SCHWERZLER, JOHN T	9.91	7.70	77.71	9.91		Still Run
Elk Twp.	12	1	821-841 BRIDGETON PIKE	MOOD, RICHARD	15.87	15.87	100.00	15.87		Still Run
Elk Twp.	12	7	699 FERRELL RD	MOOD, J. RICHARD JR JOYCE H	11.21	11.12	99.15	11.21		Still Run
Elk Twp.	12	8	1661 ELLIS MILL RD	MOOD, RICHARD	8.74	8.39	96.03	8.74	100.00	Still Run
Elk Twp.	12	10	1675 ELLIS MILL RD	MOOD, J. RICHARD JR JOYCE H	8.97	6.32	70.43	8.97	100.00	Still Run
Elk Twp.	15	3	901 BRIDGETON PIKE	MOOD, J RICHARD	25.25	23.48	92.97	21.78		Still Run
Elk Twp.	15	4	1690 ELLIS MILL RD	MOOD, J. RICHARD JR JOYCE H	24.56	15.40	62.70	24.56		Still Run
Elk Twp.	15	5	LAUX RD	MOOD, J RICHARD JR JOYCE H	4.40	4.37	99.46	4.40	100.00	Still Run
Elk Twp.	15	7	1674 ELLIS MILL RD	MOOD, J RICHARD JR JOYCE H	54.72	52.51	95.96	54.72		Still Run
Elk Twp.	17	1	1500 1530 ELLIS MILL RD	PINO, ANGELA - ESTATE	16.87	15.19	90.05	16.87	100.00	Still Run
Elk Twp.	17	6.01	1490 ELLIS MILL RD	JOHNSON, JUDITH ANNE	23.17	16.89	72.89	21.93	94.66	Still Run
Elk Twp.	18	24	LAUX RD	LAUX, MICHAEL J,/EST CHAE ACOST	50.39	37.67	74.76	50.00	99.23	Still Run
Elk Twp.	18	28	1021 1049 WHIG LANE	LUCAS, GEORGE	55.70	44.35	79.62	53.21	95.52	Still Run
Elk Twp.	18	31	1011 WHIG LANE	TOMS, KENNETH J MYRA J	12.06	6.22	51.56	11.99	99.35	Still Run
Elk Twp.	18	47	ELK RD	WRIGHT FARM LP	11.13	9.77	87.82	11.13	100.00	Still Run
Elk Twp.	18	48	ELK RD	WRIGHT FARM LP	37.01	31.82	85.97	37.01		Still Run
Elk Twp.	19	1	419 ELK RD	WRIGHT, GLORIA C	10.02	7.08	70.68	10.00		Still Run
Elk Twp.	19	12	961 WHIG LANE	LUCAS, LOUISE M	43.31	23.30	53.80	43.31		Still Run
Elk Twp.	19	14	HARDINGVILLE RD	WRIGHT FARM LP	43.12	40.62	94.21	43.12	100.00	Still Run
Elk Twp.	24	4.01	1460 ELLIS MILL RD	PINO, SALVATORE A	13.10	7.46	56.98	12.86	98.16	Still Run
Elk Twp.	27	1.01	701 CLEMS RUN	SEAGRAVE, ALAN CLAUDIA	11.31	7.15	63.21	9.79	86.60	Still Run
Elk Twp.	27	2	721 CLEMS RUN	CAPELLI, MICHAEL JOANN M	16.84	14.07	83.52	16.03		Still Run
Elk Twp.	27	3.01	737 CLEMS RUN	VAHEY, ANN T HENRY WILLIAM	6.62	5.86	88.51	6.60	99.71	Still Run
Elk Twp.	28	9	HARDINGVILLE RD	WRIGHT, WESLY H	10.97	6.80	61.96	9.54	86.99	Still Run
Elk Twp.	28	15.01	HARDINGVILLE RD	DEEUGENIO, LEWIS J JR	66.89	54.84	81.99	66.55		Still Run
Elk Twp.	29	3	767 CLEMS RUN	HAWKINS, GEORGE CHERYL BOSE	0.91	0.78	85.18	0.91	100.00	Still Run
Elk Twp.	29	4	771 CLEMS RUN	HAWKINS, GEORGE CHERYL BOSE	15.58	8.05	51.68	15.58		Still Run
Elk Twp.	29	5	775 CLEMS RUN	REUTER ENTERPRISES	29.70	26.30	88.54	28.58		Still Run
Elk Twp.	29	20	641 AURA RD	AURA DEVELOPMENT GROUP LLC	108.41	34.28	31.63	99.63	91.91	Still Run
Elk Twp.	29	24	AURA RD	ORLEANS AT ELK TOWNSHIP LLC	27.13	17.14	63.20	27.13		Still Run
Elk Twp.	31	2.02	AURA RD	ORLEANS AT ELK TWP LLC	5.12	4.93	96.29	5.12	100.00	Still Run
Elk Twp.	31	5.01	702 AURA RD	ORLEANS AT ELK TOWNSHIP	38.38	34.61	90.17	38.27	99.72	Still Run
Elk Twp.	31	7	AURA RD	ORLEANS AT ELK TOWNSHIP LLC	60.71	35.61	58.65	60.59	99.81	Still Run
Elk Twp.	31	8	AURA RD	DE EUGENIO, LEWIS J JR LEWIS J SR	68.78	61.07	88.79	68.78	100.00	Still Run
Elk Twp.	31	22	AURA RD	ORLEANS AT ELK TWP LLC	40.26	23.72	58.92	40.26		Still Run
Elk Twp.	32	1	AURA RD	ORLEANS AT ELK TOWNSHIP	24.80	17.73	71.51	24.80		Still Run
Elk Twp.	32	3	AURA RD	ORLEANS AT ELK TOWNSHIP	0.91	0.91	100.00	0.91		Still Run
Elk Twp.	32	4	831 CLEMS RUN	ORLEANS AT ELK TOWNSHIP LLC	73.23	58.71	80.17	73.23	100.00	Still Run
Elk Twp.	32	6	AURA RD	ORLEANS AT ELK TOWNSHIP LLC	55.00	52.39	95.25	55.00		Still Run
Elk Twp.	32	8	AURA RD	ORLEANS AT ELK TOWNSHIP LLC	1.01	1.01	100.00	1.01		Still Run

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Elk Twp.	32	9	AURA RD	ORLEANS AT ELK TOWNSHIP LLC	0.94	0.89	94.40	0.94	100.00	Still Run
Elk Twp.	33	12.13	933 941 WHIG LANE	DEEUGENIO, LEWIS J JR	46.78	46.37	99.12	46.78		Still Run
Elk Twp.	33	12.14	844 CLEMS RUN	SPARKS. JAMES W	6.68	5.07	75.91	6.68		Still Run
Elk Twp.	36	1.04	111 POND VIEW COURT	GIANGRANTE, GEORGE SUSAN	1.47	1.29	87.76	1.47	100.00	Still Run
Elk Twp.	36	1.05	115 POND VIEW COURT	GIANGRANTE, GEORGE SUSAN	56.47	25.92	45.90	56.47		Still Run
Elk Twp.	36	1.06	110 POND VIEW COURT	GIANGRANTE, GEORGE SUSAN	1.06	0.90	84.65	1.06	100.00	Still Run
Elk Twp.	36	7	859 ELK RD	FRANCIS, JOHN J DOLORES	9.99	9.83	98.36	9.99	100.00	Still Run
Elk Twp.	36	8	886 ELK RD	BRADFORD, ROBERT JACQUELINE S	6.14	4.68	76.19	6.14		Still Run
Elk Twp.	38	2	970 WHIG LANE	LUCAS, M LOUISE	16.12	15.72	97.56	16.12	100.00	Still Run
Elk Twp.	38	3	970 WHIG LANE	LUCAS, M LOUISE	3.26	3.26	100.00	3.26		Still Run
Elk Twp.	38	5	HARDINGVILLE RD	DEAN, GEORGE	3.41	3.25	95.38	3.41		Still Run
Elk Twp.	38	6	ELK RD	DEAN, GEO L MARJORIE J	0.67	0.67	100.00	0.67	100.00	Still Run
Elk Twp.	39	2	ELK RD	DEAN, GEORGE L	19.95	19.28	96.65	19.95		Still Run
Elk Twp.	39	3	ELK RD	DEAN, GEORGE L MARJORIE J	5.45	5.45	100.00	5.45		Still Run
Elk Twp.	39	3.01	542 ELK RD	DEAN, GEORGE L MARJORIE J	1.32	1.32	100.00	1.32		Still Run
Elk Twp.	39	6	820 HARDINGVILLE RD	DEAN, GEORGE L MARJORIE J	20.48	14.93	72.88	20.48		Still Run
Elk Twp.	40	8	835 HARDINGVILLE RD	BROVERO, DONALD P MARGARET	9.18	6.12	66.66	9.18		Still Run
Elk Twp.	41	2	274 RICHWOOD RD	MARTIN, MATW W DIANE C	20.51	17.36	84.65	20.51		Still Run
Elk Twp.	41	10	868 ELK RD	WEBER, CHARLES A	9.45	5.54	58.63	9.45	100.00	Still Run
Elk Twp.	41	15.01	ELK RD	LUCCARELLA, PHILIP ESTATE OF	7.52	7.52	100.00	7.52		Still Run
Elk Twp.	41	16	ELK RD	LUCCARELLA, PHILIP CATH ESTATE	2.85	2.85	100.00	2.85	100.00	Still Run
Elk Twp.	41	17	760 ELK RD	DEL BORRELLO, ANGELA	20.14	13.87	68.86	20.14	100.00	Still Run
Elk Twp.	42	4	ELK RD	GARDINER, PHILIP / ESTATE OF	2.87	2.73	95.24	2.87		Still Run
Elk Twp.	42	5	ELK RD	GARDINER, PHILIP / ESTATE OF	10.99	8.68	79.02	10.99	100.00	Still Run
Elk Twp.	42	10	968 ELK RD	LUTZ, JOHN D BONNIE L	6.41	5.41	84.46	6.41	100.00	Still Run
Elk Twp.	43	2	UPPER PITTS TWP/SALEM	CTY DARE, DAVID BRUCE	16.18	14.33	88.55	16.18	100.00	Still Run
Elk Twp.	44	4	730 BUCK RD	FAZZIO, FRANK VIVIAN	80.11	58.83	73.44	80.11	100.00	Still Run
Elk Twp.	44	6	1092 ELK RD	HAYNICZ, DANIEL ELINOR	57.13	41.43	72.52	57.13	100.00	Still Run
Elk Twp.	44	8	1074 ELK RD	MCGAHA, BOB	11.16	9.77	87.62	11.16	100.00	Still Run
Elk Twp.	44	16	BUCK RD	FAZZIO, FRANK J	33.72	28.62	84.88	33.72	100.00	Still Run
Elk Twp.	45	15	DUTCH ROW RD	HURFF, JOHNSON E,SR	4.73	4.64	98.10	4.73	100.00	Still Run
Elk Twp.	45	23	MONROEVILLE RD	KNORR, HOWARD, EXECUTOR	31.61	29.30	92.69	31.61	100.00	Still Run
Elk Twp.	46	7	610 MONROEVILLE RD	ROBERTS, MALCOLM KAREN ROBERTS	32.60	31.47	96.52	32.55	99.85	Still Run
Elk Twp.	46	8	DUTCH ROW RD	HURFF, JOHNSON E,SR	3.29	3.29	100.00	3.29	100.00	Still Run
Elk Twp.	51	2	ELK RD	OEHLERS, EDWARD	2.66	2.51	94.16	2.66	100.00	Still Run
Elk Twp.	51	3	ELK RD	OEHLERS, EDWARD	12.65	8.09	63.95	12.65	100.00	Still Run
Elk Twp.	51	4	1228 ELK RD	BARBARO, PHILIP A CAROLE ANNE	13.05	6.78	51.92	13.05	100.00	Still Run
Elk Twp.	51	5	ELK RD	MANCINI, GERALDINE C	34.16	17.88	52.35	34.16	100.00	Still Run
Elk Twp.	52	1.01	426 CEDAR BRIDGE RD	METZGER, ROBERT J SR MIRIAM R	5.53	5.36	96.99	5.53		Still Run
Elk Twp.	52	12.02	1129 ELK RD	SILVERGATE ASSOCIATES	9.35	9.06	96.96	9.35		Still Run
Elk Twp.	54	6.02	961 ELK RD	KOLLER, CHARLES J FRANCES A	10.03	8.94	89.08	10.03	100.00	Still Run
Elk Twp.	54	17	1152 AURA RD	SULLIVAN, JAMES MICHAEL SHERRY	14.12	12.15	86.01	14.12	100.00	Still Run
Elk Twp.	54	20	1068 AURA RD	HAYNICZ, PETER MICHAEL DANIEL	110.84	61.60	55.57	110.84	100.00	Still Run

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Elk Twp.	54	21	1062 AURA RD	WAGNER, JOHN H S MARGARET	20.75	19.37	93.35	20.75	100.00	Still Run
Elk Twp.	55	1	CEDAR LANE	DECLEMENT, FREDERICK JOAN	20.27	19.77	97.55	20.27	100.00	Still Run
Elk Twp.	55	5.01	AURA RD	SILVERGATE ASSOCIATES	0.71	0.71	99.74	0.71	100.00	Still Run
Elk Twp.	55	5.02	AURA RD	SILVERGATE ASSOCIATES	0.49	0.48	98.35	0.49	100.00	Still Run
Elk Twp.	55	5.03	AURA RD	SILVERGATE ASSOCIATES	0.39	0.39	100.00	0.39		Still Run
Elk Twp.	55	5.04	AURA RD	SILVERGATE ASSOCIATES	0.55	0.50	91.75	0.55	100.00	Still Run
Elk Twp.	55	5.30	AURA RD	SILVERGATE ASSOCIATES	0.45	0.45	100.00	0.45	100.00	Still Run
Elk Twp.	55	5.31	AURA RD	SILVERGATE ASSOCIATES	0.57	0.55	96.56	0.57	100.00	Still Run
Elk Twp.	55	5.48	AURA RD	SILVERGATE ASSOCIATES	0.44	0.41	92.62	0.44	100.00	Still Run
Elk Twp.	55	5.49	AURA RD	SILVERGATE ASSOCIATES	0.37	0.37	98.98	0.37		Still Run
Elk Twp.	55	5.50	AURA RD	SILVERGATE ASSOCIATES	0.27	0.27	99.49	0.27		Still Run
Elk Twp.	55	5.51	AURA RD	SILVERGATE ASSOCIATES	0.25	0.25	100.00	0.25		Still Run
Elk Twp.	55	5.52	AURA RD	SILVERGATE ASSOCIATES	0.35	0.35	100.00	0.35		Still Run
Elk Twp.	55	18.02	610 WHIG LANE	HUMPHREYS, HELEN V	9.58	9.01	94.12	9.58		Still Run
Elk Twp.	55.01	1	AURA RD	SILVERGATE ASSOCIATES	0.27	0.27	100.00	0.27		Still Run
Elk Twp.	55.01	2	AURA RD	SILVERGATE ASSOCIATES	0.25	0.25	100.00	0.25		Still Run
Elk Twp.	55.01	3	AURA RD	SILVERGATE ASSOCIATES	0.25	0.25	100.00	0.25		Still Run
Elk Twp.	55.01	4	AURA RD	SILVERGATE ASSOCIATES	0.25	0.25	100.00	0.25		Still Run
Elk Twp.	55.01	5	AURA RD	SILVERGATE ASSOCIATES	0.25	0.25	100.00	0.25		Still Run
Elk Twp.	55.01	6	AURA RD	SILVERGATE ASSOCIATES	0.25	0.25	100.00	0.25		Still Run
Elk Twp.	55.01	7	AURA RD	SILVERGATE ASSOCIATES	0.27	0.27	100.00	0.27		Still Run
Elk Twp.	55.02	1	AURA RD	SILVERGATE ASSOCIATES	0.22	0.21	99.82	0.22		Still Run
Elk Twp.	55.02	2	AURA RD	SILVERGATE ASSOCIATES	0.21	0.21	100.00	0.21		Still Run
Elk Twp.	55.02	3	AURA RD	SILVERGATE ASSOCIATES	0.23	0.23	100.00	0.23		Still Run
Elk Twp.	55.02	4	AURA RD	SILVERGATE ASSOCIATES	0.57	0.45	78.78	0.57		Still Run
Elk Twp.	55.02	10	AURA RD	SILVERGATE ASSOCIATES	0.32	0.26	81.27	0.32		Still Run
Elk Twp.	55.02	11	AURA RD	SILVERGATE ASSOCIATES	0.31	0.31	100.00	0.31		Still Run
Elk Twp.	55.02	12	AURA RD	SILVERGATE ASSOCIATES	0.24	0.24	100.00	0.24		Still Run
Elk Twp.	55.02	33	AURA RD	SILVERGATE ASSOCIATES	0.22	0.22	100.00	0.22		Still Run
Elk Twp.	55.02	34	AURA RD	SILVERGATE ASSOCIATES	0.22	0.22	100.00	0.22		Still Run
Elk Twp.	55.02	35	AURA RD	SILVERGATE ASSOCIATES	0.21	0.20	94.63	0.21		Still Run
Elk Twp.	55.02	45	AURA RD	SILVERGATE ASSOCIATES	0.27	0.27	100.00	0.27		Still Run
Elk Twp.	55.02	46	AURA RD	SILVERGATE ASSOCIATES	0.20	0.20	100.00	0.20		Still Run
Elk Twp.	55.02	47	AURA RD	SILVERGATE ASSOCIATES	0.20	0.20	100.00	0.20		Still Run
Elk Twp.	55.02	48	AURA RD	SILVERGATE ASSOCIATES	0.20	0.20	100.00	0.20		Still Run
Elk Twp.	55.02	49	AURA RD	SILVERGATE ASSOCIATES	0.20	0.20	100.00	0.20		Still Run
Elk Twp.	55.02	50	AURA RD	SILVERGATE ASSOCIATES	0.20	0.20	100.00	0.20		Still Run
Elk Twp.	55.02	51	AURA RD	SILVERGATE ASSOCIATES	0.22	0.20	100.00	0.20		Still Run
Elk Twp.	58	1	625 WHIG LANE	ORLEANS AT ELK TOWNSHIP LLC	21.27	20.07	94.32	21.19		Still Run
Elk Twp.	62	3.01	555 WHIG LANE	SILVERGATE ASSOCIATES	43.13	28.73	66.61	43.13		Still Run
Elk Twp.	62	16	110 STANGER AVE	SWANSON, ARTIE L.	7.75	5.44	70.18	7.75		Still Run
Elk Twp.	65	4.02	670 FAIRVIEW RD	SILVERGATE ASSOCIATES	10.25	5.46	53.29	10.25		Still Run
Elk Twp.	65	5	BUCK RD	SILVERGATE ASSOCIATES SILVERGATE ASSOCIATES	70.15	54.05	77.05	70.15		Still Run
LIK I WP.	ບວ	J	חט עט	SILVENDATE ASSOCIATES	70.15	54.05	77.05	70.15	100.00	Juli Kuli

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Elk Twp.	67	21	259 UNION STREET	CORDETTI, DAVID	9.56	7.62	79.76	9.56	100.00	Still Run
Elk Twp.	68	8	268 UNION STREET	MORRISON, JEROME E MARGARET M	9.59	5.12	53.41	9.59	100.00	Still Run
Elk Twp.	68	10	240 UNION STREET	DEEUGENIO, LEWIS J JR	63.60	48.07	75.59	63.60	100.00	Still Run
Elk Twp.	170	14	FAIRVIEW RD	SILVERGATE ASSOCIATES JT VENTURE	44.97	43.62	97.00	44.97	100.00	Still Run
Elk Twp.	170	17	487 WHIG LANE	FRENCH, RONALD E BARBARA	7.76	6.31	81.39	7.76	100.00	Still Run
Elk Twp.	170	18	477 WHIG LANE	SILVERGATE ASSOCIATES	34.81	26.01	74.71	34.81	100.00	Still Run
Elk Twp.	172	6	472 WHIG LANE	CHARNITSKY, DANIEL PATRICIA	13.97	11.37	81.38	13.97	100.00	Still Run
Elk Twp.	172	7	440 WHIG LANE	DIOCESE OF CAMDEN	27.09	25.69	94.83	27.09	100.00	Still Run
Elk Twp.	175	7	1092 ELK RD	HAYNICZ, DANIEL WILLIAM KATHLEEN	27.94	24.60	88.03	27.94	100.00	Still Run
Elk Twp.	175	9	1198 AURA RD	FREEMAN, EDITH / ESTATE OF:	4.74	4.63	97.73	4.74	100.00	Still Run
Elk Twp.	175	11	1192 AURA RD	BARR, WILLIAM C JR DEBRA A	7.28	6.35	87.29	7.28	100.00	Still Run
Elk Twp.	175	12	1188 AURA RD	BOWERS, BARBARA A	8.79	5.27	59.89	8.79	100.00	Still Run
Elk Twp.	175	12.01	AURA RD	MASTON, KAREN RUTH	5.83	5.83	99.92	5.83	100.00	Still Run
Elk Twp.	175	12.02	AURA RD	GASSLER, ROBERT G	4.89	4.89	99.90	4.89	100.00	Still Run
Elk Twp.	176	3	1189 AURA RD	GASSLER, TIM E CARINE	10.80	7.15	66.22	10.42	96.48	Still Run
Elk Twp.	178	17	245 CLAYTON AVE	SINGH, RAGHVIR JASVIR R. KAUR	7.88	6.22	78.96	7.52	95.44	Still Run
Elk Twp.	217	1	1265 ELK RD	ERDWEIN, JOHN V	43.26	33.89	78.34	43.26	100.00	Still Run
Franklin Twp.	102	9	1308 WASHINGTON AVE	NAPOLI, DANTE L MARIE A	26.03	17.28	66.38	26.03	100.00	Still Run
Franklin Twp.	701	15.01	2561 SHERIDAN AVE	RONEY. JOHN J JEANNE D	11.77	7.40	62.89	11.77	100.00	Pinelands North
Franklin Twp.	701	16	1876 STANTON AVE	BRONK, CHARLES BYFORD, TRACY	32.48	22.16	68.21	32.48	100.00	Pinelands North
Franklin Twp.	702	13	4289 WEST MALAGA RD	FAUBELL, PAUL H P DAVID JEANNE	59.18	42.49	71.80	59.18	100.00	Pinelands North
Franklin Twp.	702	14	WEST MALAGA RD	FAUBELL, ROBERT, PATRICIA JEFFREY	53.35	49.51	92.80	53.35	100.00	Pinelands North
Franklin Twp.	702	14.01	WEST MALAGA RD	FAUBELL, PAUL DAVID	31.12	27.94	89.79	31.12	100.00	Pinelands North
Franklin Twp.	702	15	4047 WEST MALAGA RD	FAUBELL, ROBERT E PATRICIA A	25.23	22.48	89.11	25.23	100.00	Pinelands North
Franklin Twp.	702	42	TUCKAHOE RD	FAUBELL, PAUL H, P DAVID JEANNE	15.88	13.07	82.32	15.88	100.00	Pinelands North
Franklin Twp.	702	44	TUCKAHOE RD	FAUBELL, PAUL DAVID	3.11	3.11	100.00	3.11	100.00	Pinelands North
Franklin Twp.	702	45	3658 TUCKAHOE RD	FAUBELL, PAUL DAVID	47.13	33.37	70.81	47.13	100.00	Pinelands North
Franklin Twp.	802	20	STANTON AVE	AVIS, SHARON LYNN ECKER, LONA	17.81	13.65	76.65	17.81	100.00	Pinelands North
Franklin Twp.	1001	34	1248 STANTON AVE	OTT, ALBERT C LYNN T	8.02	6.85	85.42	8.02	100.00	Pinelands South
Franklin Twp.	1001	74	COLES MILL RD (REAR)	VASTA, SUZANNE M	24.85	18.12	72.91	24.85	100.00	Pinelands South
Franklin Twp.	1001	1	1664 STANTON AVE	BRUSHA, DANIEL J	9.81	8.00	81.51	9.81	100.00	Pinelands North
Franklin Twp.	1002.03	11	2525 SHERIDAN AVE	DYER, STEPHEN G CHARLOTTE	8.96	8.26	92.20	8.96	100.00	Pinelands North
Franklin Twp.	1002.03	11.01	2480 SHERIDAN AVE	ROLLO, FRANK JR	9.52	9.47	99.44	9.52	100.00	Pinelands North
Franklin Twp.	1101	49	MARSHALL MILL RD	CAIRONE, LOUIS JUNE	8.87	5.61	63.26	8.87	100.00	Pinelands South
Franklin Twp.	1101	52	CARPENITO AVE	BRESCIA, PETER LINDA SUE	7.58	5.06	66.68	7.58	100.00	Pinelands South
'	1101	87	1348 PENNSYLVANIA AVE	ZAMBRANO, ROBERT	15.61	8.60	55.08	15.61	100.00	Pinelands South
Franklin Twp.		14								
Franklin Twp.	1201 1201	17	651 MARSHALL MILL RD 551 MARSHALL MILL RD	ALSPACH, JAMES B DOREEN F	20.16	11.45 28.69	56.81 87.57	20.16 32.76	100.00 100.00	Pinelands South Pinelands South
Franklin Twp.		1	493 MARSHALL MILL RD	CHON, IN SU ALSPACH, JAMES B DOREEN	32.76				100.00	Pinelands South
Franklin Twp.	1201	18 20			8.67 21.23	7.59	87.61	8.67		
Franklin Twp.	1201		433 MARSHALL MILL RD	SUMMERS, RUSSELL H JACQUELINE L		12.95	61.00	21.23	100.00	Pinelands South
Franklin Twp.	1201	24	205 NOTHNICK LANE	NOTHNICK, WARREN DOLORES	17.80	17.52	98.42	17.80	100.00	Pinelands South
Franklin Twp.	1201	25	123 NOTHNICK LANE	NOTHNICK, WARREN DOLORES	3.87	2.95	76.25	3.87	100.00	Pinelands South
Franklin Twp.	1201	28	DELSEA DR	LERMAN REALTY ARQEO MGMT	10.97	9.63	87.74	10.21	93.04	Pinelands South

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Franklin Twp.	1306	18	954 DELSEA DR	DECESARI, ENESS E	17.50	13.72	78.39	17.50	100.00	Pinelands South
Franklin Twp.	1901	11	771 EAST AVE	DOLINSKI, ALFRED R JR ELIZABETH A	69.86	37.41	53.55	69.86	100.00	Still Run
Franklin Twp.	1902	1	1457 FRIES MILL RD	KIEFER,L: DONAHOWER,J: KRUSE,K	256.06	231.50	90.41	256.06	100.00	Still Run
Franklin Twp.	1903	1	FRIES MILL RD	KENNEDY, MARY W	21.10	15.81	74.93	21.10	100.00	Still Run
Franklin Twp.	1903	63	1578 FRIES MILL RD	KENNEDY, MARY W	13.25	-	-	_	-	Still Run
Franklin Twp.	2302	1	EAST AVE	ALL AMERICAN FARMS	26.71	-	-	_	-	Still Run
Franklin Twp.	2302	2	EAST AVE (REAR)	ALL AMERICAN FARMS	14.96	-	-	_	-	Still Run
Franklin Twp.	2302	30	DELSEA DR	ALL AMERICAN FARMS	55.35	47.09	85.08	55.29	99.89	Still Run
Franklin Twp.	2404	10	SWEDESBORO RD	LORRAINE SCHOBER FAMILY TRUST	13.34	13.17	98.73	13.34	100.00	Still Run
Franklin Twp.	2404	11	856 SWEDESBORO RD	LORRAINE SCHOBER FAMILY TRUST	46.27	26.36	56.97	46.00		Still Run
Franklin Twp.	2404	12	SWEDESBORO RD	LORRAINE SCHOBER FAMILY TRUST	4.59	4.59	100.00	4.59		Still Run
Franklin Twp.	2404	17	1018 SWEDESBORO RD	MCCANN, BRENDA L	11.86	9.24	77.89	11.86	100.00	Still Run
Franklin Twp.	2404	18	ARBUTUS AVE	MCCANN, BRENDA L	28.99	18.73	64.60	25.73		Still Run
Franklin Twp.	2501	2	SWEDESBORO RD	MANCINI, GERALDINE C	62.02	40.20	64.83	62.02		Still Run
Franklin Twp.	2601	3	SWEDESBORO RD	WAGNER, DIANE E	8.32	8.15	97.98	8.32		Still Run
Franklin Twp.	2601	6	SWEDESBORO RD	LORRAINE SCHOBER FAMILY TRUST	21.97	21.97	100.00	21.97		Still Run
Franklin Twp.	2601	9	SWEDESBORO RD	LORRAINE SCHOBER FAMILY TRUST	8.67	7.80	89.94	8.67		Still Run
Franklin Twp.	2601	38	1907 MONROEVILLE RD	DRISSEL, THOMAS S KAY E	18.04	10.50	58.24	18.04		Still Run
Franklin Twp.	2701	20.01	MONROEVILLE RD	HURFF. MYRON E DARLENE S	2.37	2.37	100.00	2.37		Still Run
Franklin Twp.	2702	2	1193 WILLOW GROVE RD	EXLEY. WILLIAM H STEPHANIE H	15.89	13.18	82.92	15.89		Still Run
Franklin Twp.	2702	4	1115 WILLOW GROVE RD	LORRAINE SCHOBER FAMILY TRUST	58.15	56.93	97.91	58.15		Still Run
Franklin Twp.	2702	19	1378 MONROEVILLE RD	KALNAS, PETER P PAUL E	62.53	45.42	72.64	62.53		Still Run
Franklin Twp.	2702	20	BUCK GARRISON RD	HURFF, JOHNSON E,SR	9.64	9.53	98.83	9.64		Still Run
Franklin Twp.	2702	21	BUCK GARRISON RD	HURFF, JOHNSON E,SR	7.86	7.86	100.00	7.86		Still Run
Franklin Twp.	2702	27	1512 MONROEVILLE RD	B&C EXLEY.LLC	15.29	15.13	98.98	15.29		Still Run
Franklin Twp.	2703	16	556 GARRISON RD	CLOAK, ALVIN J JR MARGARET M	13.92	8.62	61.93	13.92		Still Run
Franklin Twp.	2703	23	GARRISON RD	SCOTT, ANNE MAY @ R SCOTT	4.30	4.30	100.00	4.30		Still Run
Franklin Twp.	2703	24	748 GARRISON RD	SCOTT, ANNE MAY @ R SCOTT	8.62	7.63	88.55	8.62		Still Run
Franklin Twp.	2703	40	587 WILLOW GROVE RD	KALNAS, CHARLES PETER	39.43	28.09	71.23	39.43		Still Run
Franklin Twp.	2801	43	721 ROYAL AVE	BILINSKI, JOSEPH H PATRICIA A	21.14	18.89	89.35	21.14		Still Run
Franklin Twp.	2801	50.01	WILLOW GROVE RD	BILINSKI, JOSEPH H PATRICIA A	23.10	22.25	96.32	23.10		Still Run
Franklin Twp.	2801	51	WILLOW GROVE RD	BILINSKI, JOSEPH H PATRICIA A	41.61	40.93	98.36	37.01		Still Run
Franklin Twp.	2801	52	WILLOW GROVE RD	BILINSKI, JOSEPH H PATRICIA A	38.53	37.23	96.63	37.92		Still Run
Franklin Twp.	3101	1	225 TAYLOR RD	GELFAND, MICHAEL C EDITH M	60.28	37.81	62.72	60.28		Still Run
Franklin Twp.	3101	31	TAYLOR RD	GELFAND, MICHAEL C EDITH M	34.83	22.29	63.98	34.83		Still Run
Franklin Twp.	3103	1	115 WILLOW GROVE RD	MCCOOL. GEORGIANNA P	0.82	0.82	100.00	0.82		Still Run
Franklin Twp.	3103	2	WILLOW GROVE RD	MCCOOL, JOSEPH GEORGIANNA	1.23	1.23	100.00	1.23		Still Run
Franklin Twp.	3103	3	WILLOW GROVE RD	MCCOOL, JOSEPH	2.15	1.82	84.63	2.15		Still Run
Franklin Twp.	5601	17	ST GEORGE ST	AZEGLIO, JOHN N SR RESA	5.59	4.61	82.53	5.59		Pinelands South
Franklin Twp.	5601	18	HARDING HWY ST GEORGE	AZEGLIO, JOHN N	8.96	8.48	94.70	8.96		Pinelands South
Franklin Twp.	5601	30	HARDING HWY	GOLDSMID. CHARLES J	4.03	3.70	91.80	4.03		Pinelands South
Franklin Twp.	5601	32	HARDING HWY	PETRONGLO, JOSEPH S JULIA	8.09	7.48	92.51	8.09		Pinelands South
Franklin Twp.	5601	33	HARDING HWY	PETRONGLO, JOSEPH S JULIA	8.22	7.57	92.07	8.22		Pinelands South

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Franklin Twp.	5602	2	DUTCH MILL RD	CHON, IN SU CHIN YON	9.21	8.84	96.00	9.21	100.00	Pinelands South
Franklin Twp.	5602	20	DUTCH MILL RD	THIES, JEFFREY ALAN	39.11	-	-	_	-	Pinelands South
Franklin Twp.	5602	21	1194 DUTCH MILL RD	THIES, JEFFREY ALAN	19.43	17.86	91.90	18.37	94.53	Pinelands South
Franklin Twp.	5602	29	2257 MAIN RD	MUSTO, LOUIS	4.10	4.03	98.26	4.10	100.00	Pinelands South
Franklin Twp.	5602	30	2257 MAIN RD	MUSTO, LOUIS	4.24	3.48	82.10	4.24		Pinelands South
Franklin Twp.	5602	31	2215 MAIN RD	DOTTAVIO, GRACE MUSTO, LOUIS A	6.00	4.80	79.98	6.00	100.00	Pinelands South
Franklin Twp.	5602	32.02	MAIN RD (REAR)	RT ENTERPRISES,LLC	2.54	2.54	100.00	2.54	100.00	Pinelands South
Franklin Twp.	5602	32.03	MAIN RD (REAR)	RT ENTERPRISES,LLC	8.38	7.04	83.99	8.38		Pinelands South
Franklin Twp.	5602	35	1997 MAIN RD	VALLONE, EUGENE L JR RHONDA L	36.38	26.34	72.40	36.38	100.00	Pinelands South
Franklin Twp.	5602	39	5531 LAKE RD	NICASTRO, PAULINE	21.72	19.69	90.66	21.72		Pinelands South
Franklin Twp.	5602	44	5255 LAKE RD	GENNA, JOSEPH J AURELIA E	13.19	10.08	76.43	13.19		Pinelands South
Franklin Twp.	5602	59	ST GEORGE ST	AZEGLIO, JOHN N RESA A	12.60	12.29	97.58	12.60	100.00	Pinelands South
Franklin Twp.	5602	60	596 ST GEORGE ST	TURNER, E.(EST)& GLENN, DIANE E	19.60	17.55	89.58	19.60		Pinelands South
Franklin Twp.	5602	61	ST GEORGE ST	AZEGLIO. JOHN N RESA	9.76	9.56	97.92	9.76		Pinelands South
Franklin Twp.	5602	63	740 ST GEORGE ST	DARMINIO, JOSEPH T KIM W	6.26	5.02	80.07	6.26		Pinelands South
Franklin Twp.	5701	49	565 DUTCH MILL RD	JIANNOTTI, ANTHONY L DALE S	24.96	20.54	82.29	24.96		Pinelands South
Franklin Twp.	5701	50	491 DUTCH MILL RD	LEON, ELOY J HONORINA	17.72	10.05	56.68	17.72		Pinelands South
Franklin Twp.	5702	11	1002 MARSHALL MILL RD	FLAHERTY, JOSEPH C CAMILLE	3.89	3.36	86.14	3.89		Pinelands South
Franklin Twp.	5702	59.36	MAIN RD	STUZYNSKI. JOHN SUSAN	55.34	49.25	89.00	55.34		Pinelands South
Franklin Twp.	5702	62	1331 DUTCH MILL RD	CIAPANNA, STEVEN ANDREW	9.85	9.12	92.51	9.85		Pinelands South
Franklin Twp.	5702	64	1289 DUTCH MILL RD	THIES, GEORGE A JR DONNA R	10.31	9.60	93.12	10.28		Pinelands South
Franklin Twp.	5702	71	DUTCH MILL RD (REAR)	GUETENS. M TOTORO.J MACHULSKY	31.54	23.45	74.36	31.54		Pinelands South
Franklin Twp.	5801	37	1765 DUTCH MILL RD	MOUNIER, JAY EDWARD	11.96	9.86	82.38	11.96	100.00	
Franklin Twp.	5801	48	2318 MAIN RD	VIEHWEG, ERNEST P JR DIANE	26.69	18.92	70.91	26.69		Pinelands South
Franklin Twp.	5801	49	MAIN RD	VIEHWEG, ERNEST P JR DIANE P	9.54	9.52	99.77	9.54		Pinelands South
Franklin Twp.	5801	51	2424 MAIN RD	GAROFOLO, PAUL J SR DOLORES V	7.86	5.79	73.69	7.86		Pinelands South
Franklin Twp.	5801	57	1721 DUTCH MILL RD	MOUNIER, JAY EDWARD	54.14	29.00	53.57	54.14		Pinelands South
Franklin Twp.	5802	1	2142 DUTCH MILL RD	LAROSE, CARINE DURKIN,MARY	18.47	13.07	70.75	18.47		Pinelands South
Franklin Twp.	5802	21	DUTCH MILL RD	ABNC ENTERPRISES LLC	88.25	66.21	75.03	88.25		Pinelands South
Franklin Twp.	5802	22.02	DUTCH MILL RD	CORWONSKI, STEVE SR	4.84	4.71	97.33	4.84		Pinelands South
Franklin Twp.	5802	22.03	DUTCH MILL RD	CORWONSKI, STEVE SR	3.61	3.61	100.00	3.61		Pinelands South
Franklin Twp.	5802	22.04	DUTCH MILL RD	CORWONSKI, STEVE SR	68.08	67.13	98.61	68.08		Pinelands South
Franklin Twp.	5802	26	5809 LAKE RD (UNIT A/B)	JAREMA, J STEPHEN JR MARIA	17.64	14.52	82.30	17.64		Pinelands South
Franklin Twp.	5802	28	2020 MAIN RD	GAGLIANONE, JAMES J.III NINA	17.29	14.87	85.99	17.29		Pinelands South
Franklin Twp.	5802	28.02	2050 MAIN RD	GAGLIANONE, J GREGORY ELLEN J	11.03	8.36	75.76	11.03	100.00	
Franklin Twp.	5802	34	1526 DUTCH MILL RD	NICE. KENTON W KATHLEEN I	12.94	8.93	68.98	12.94		Pinelands South
Franklin Twp.	5802	44	2032 DUTCH MILL RD	WORTHINGTON, PARKER MARSHA	10.17	9.35	91.92	10.17		Pinelands South
Franklin Twp.	5901	8	MAIN RD	FRANKLIN FARM.LLC	6.14	5.18	84.41	6.14		Pinelands South
Franklin Twp.	5901	9	2952 MAIN RD	KASSAB, JANINE MARIE	12.80	8.33	65.03	12.80		Pinelands South
Franklin Twp.	5901	88	CLARK AVE	HUNSINGER, ARLENE JOHN	19.01	6.33 17.47	91.90	19.01		Pinelands South
Franklin Twp.	5901	91	CLARK AVE	KLOUSE, ROBERTA	23.44	17.47	52.85	23.44		Pinelands South
		94	MAIN RD (REAR)	*	8.57					Pinelands South
Franklin Twp.	5901 5901	94		FRANKLIN FARM,LLC		8.19	95.49	8.57		
Franklin Twp.	290.1	90	MAIN RD (REAR)	FRANKLIN FARM,LLC	15.72	15.12	96.16	15.72	100.00	Pinelands South

1					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Franklin Twp.	5901	96	MAIN RD (REAR)	FRANKLIN FARM,LLC	7.99	7.59	94.98	7.99	100.00	Pinelands South
Franklin Twp.	6002	28.04	2356 TUCKAHOÉ RD	ILIC, MATW D MELISSA J	6.77	5.37	79.36	6.77	100.00	Pinelands South
Franklin Twp.	6002	28.06	TUCKAHOE RD (FLAG LOT)	PHILLIPS, BRIAN PATRICIA	11.35	6.70	59.05	11.35	100.00	Pinelands South
Franklin Twp.	6002	44	2665 NORTH BLUE BELL RD	GEMENDEN, CLINTON JR	13.48	9.26	68.74	13.48	100.00	Pinelands South
Franklin Twp.	6102	24	4010 WEST MALAGA RD	FAUBELL, JEFFREY E MARIE T	38.31	20.36	53.15	38.31	100.00	Pinelands North
Franklin Twp.	6201	32	4448 COLES MILL RD	CRAIG, JAMES NORA J	12.25	6.67	54.44	12.25	100.00	Pinelands South
Franklin Twp.	6401	1	3681 DUTCH MILL RD	BIAGI, WAYNE MARYBETH	6.34	5.52	87.13	6.34	100.00	Pinelands South
Franklin Twp.	6401	4	3621 DUTCH MILL RD	BIAGI, WAYNE MARYBETH	16.43	15.06	91.67	16.43		Pinelands South
Franklin Twp.	6402	5	2933 VICTORIA AVE FARM	SANDOR, KARIN	17.17	13.84	80.60	17.17	100.00	Pinelands South
Franklin Twp.	6402	11	3208 DUTCH MILL RD	DIGIOIA, DOMINIC TAMMY	15.97	9.44	59.11	15.97		Pinelands South
Franklin Twp.	6402	19	DUTCH MILL RD	HOGBIN, JOHN A	12.97	7.22	55.65	12.97		Pinelands South
Franklin Twp.	6402	19.01	VICTORIA AVE (REAR)	FERRUCCI, DAVID F CAROLYN B	14.66	11.07	75.49	14.66	100.00	Pinelands South
Franklin Twp.	6402	22	PINEY HOLLOW RD	HOGBIN, JOHN A	15.91	13.51	84.92	15.91		Pinelands South
Franklin Twp.	6402	24	3265 VICTORIA AVE	FERRUCCI, DAVID CAROLYN	16.43	12.91	78.55	16.43		Pinelands South
Franklin Twp.	6402	25	VICTORIA AVE	FERRUCCI, MICHAEL	20.01	17.55	87.71	20.01		Pinelands South
Franklin Twp.	6402	45	VICTORIA AVE	SANDOR, KARIN	5.45	4.91	90.07	5.45		Pinelands South
Franklin Twp.	6502	8	DUTCH MILL VICTORIA AVE	SMITH, WALTER PELTON, L POA	53.50	47.32	88.45	53.50		Pinelands South
Franklin Twp.	6503	6	2586 VICTORIA AVE	ENDRES, RICHARD LINDA	22.96	11.63	50.66	22.96		Pinelands South
Franklin Twp.	6503	17	VICTORIA AVE	FERRUCCI. ANTHONY JR	11.18	10.62	95.07	11.18		Pinelands South
Franklin Twp.	6503	18	3290 VICTORIA AVE	FERRUCCI, FRANK MADELYN	25.83	15.79	61.14	25.83		Pinelands South
Franklin Twp.	6503	19	VICTORIA AVE	FERRUCCI, FRANK MADELYN	3.07	2.44	79.60	3.07		Pinelands South
Franklin Twp.	6503	25	PINEY HOLLOW RD (REAR)	FERRUCCI. ANTHONY JR CHRISTINE	20.81	14.73	70.76	20.81		Pinelands South
Franklin Twp.	6503	26	1399 PINEY HOLLOW RD	FERRUCCI, MICHAEL	23.60	22.84	96.77	23.60		Pinelands South
Franklin Twp.	6503	29	1337 PINEY HOLLOW RD	WATERS, TIMOTHY J	20.97	11.84	56.47	20.97		Pinelands South
Franklin Twp.	6503	30	1221.1231 PINEY HOLLOW RD	CASELLI. JOHN	25.27	22.03	87.19	25.27		Pinelands South
Franklin Twp.	6503	35	1063 PINEY HOLLOW RD	KIPER, KEVIN DANIELLE	25.81	18.58	72.00	25.81		Pinelands South
Franklin Twp.	6601	3	UNEXPECTED RD	TRIONFO. ALBERT HELEN	9.31	7.77	83.42	9.31		Pinelands South
Franklin Twp.	6601	4	UNEXPECTED RD	TRIONFO, ALBERT HELEN	22.88	15.44	67.46	22.88		Pinelands South
Franklin Twp.	6601	25	1196 PINEY HOLLOW RD	CASELLI, JOHN JR	3.90	3.90	100.00	3.90		Pinelands South
Franklin Twp.	6601	26	1222 PINEY HOLLOW RD	CASELLI, JOHN JR	3.55	3.55	100.00	3.55		Pinelands South
Franklin Twp.	6602	1	PINEY HOLLOW RD	FERRUCCI, MICHAEL JOSEPH JR	10.57	10.56	99.90	10.57		Pinelands South
Franklin Twp.	6602	2	1394 PINEY HOLLOW RD	FERRUCCI, MICHAEL JOANN	10.56	8.00	75.78	10.56		Pinelands South
Franklin Twp.	6602	8	PINEY HOLLOW RD	CEDAR LAKE NURSERIES,LLC	2.97	2.97	100.00	2.97		Pinelands South
Franklin Twp.	6602	11	2034 PINEY HOLLOW RD	BIAGI, JAMES	39.45	38.08	96.52	39.45		Pinelands South
Franklin Twp.	6602	15	UNEXPECTED RD	FERRUCCI, MICHAEL JOSEPH JR	20.46	19.02	92.96	20.46		Pinelands South
Franklin Twp.	6701.01	15	TUCKAHOE RD	FERRUCCI BROS	37.93	30.56	80.58	35.34	93.17	Pinelands South
Franklin Twp.	6701.01	16	544 HARDING HWY	GANCARZ, STANLEY FLORENCE	12.01	11.51	95.87	12.01		Pinelands South
Franklin Twp.	6701.01	17	544 HARDING HWY	GANCARZ, STANLEY FLORENCE	11.76	11.17	95.01	11.76		Pinelands South
Franklin Twp.	6702	2	186 TUCKAHOE RD	ANTONELLI, AMERICO B JOAN A	9.69	6.31	65.11	9.67		Pinelands South
Franklin Twp.	6702	44	161 PINEY LANE	JOHNSTON, CHARLES WC	46.80	38.53	82.33	46.80		Pinelands South
Franklin Twp.	6702	50	497 PINEY HOLLOW RD	VOZZO, MARIA RESA	4.86	4.23	87.14	4.86		Pinelands South
Franklin Twp.	6702	51	PINEY HOLLOW RD	VOZZO, MARIA RESA	1.78	1.69	94.94	1.78		Pinelands South
Franklin Twp.	6703	4	558 PINEY HOLLOW RD	FERRUCCI, ANTHONY, JR CHRISTINE	0.66	0.66	100.00	0.53		Pinelands South

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Franklin Twp.	6802	18	FLORA RD	SCAPELLATO, JOSEPH S PETER	12.04	10.32	85.72	12.04	100.00	Pinelands South
Franklin Twp.	6803	1	FOREST GROVE RD	DM TAYLOR	4.74	4.68	98.70	4.74	100.00	Pinelands South
Franklin Twp.	6803	2	1730 FOREST GROVE RD	GAROFALO, MICHAEL ARLENE	5.71	5.09	89.12	5.71	100.00	Pinelands South
Franklin Twp.	6803	3	1750 FOREST GROVE RD	GAROFALO, MICHAEL, ARLENE BRIAN	12.30	8.03	65.30	12.30	100.00	Pinelands South
Franklin Twp.	6803	5	1816 FOREST GROVE RD	BARNABEI, LOUIS LOIS	10.30	8.49	82.39	10.30		Pinelands South
Franklin Twp.	6803	6.01	FLORA RD	TETI, FREDERICK R ELIZABETH L	5.84	5.84	100.00	5.84	100.00	Pinelands South
Franklin Twp.	6803	8	FOREST GROVE RD	SCAPELLATO, JOSEPH S PETER	7.64	5.08	66.51	7.64	100.00	Pinelands South
Franklin Twp.	6803	10	1928 FOREST GROVE RD	SCAPELLATO, CONCETTA PETER	16.69	13.17	78.91	16.69		Pinelands South
Franklin Twp.	6803	14.01	FOREST GROVE RD	AUSSENBERG, K PUSTIZZI, D	4.14	3.70	89.27	4.14	100.00	Pinelands South
Franklin Twp.	6803	18	FLORA RD	SCHWEGEL, J.	9.35	8.69	92.96	9.35		Pinelands South
Franklin Twp.	6804	7	WEYMOUTH RD	CIFALOGLIO, HENRY N	12.34	12.30	99.68	12.34		Pinelands South
Franklin Twp.	6804	12	WEYMOUTH RD	SCAPELLATO, PETER JOSEPH S	4.99	4.99	100.00	4.99	100.00	Pinelands South
Franklin Twp.	6804	18	FOREST GROVE RD (REAR)	SCAPELLATO, JOSEPH S PETER	1.15	1.15	100.00	1.13	97.62	Pinelands South
Franklin Twp.	6804	19	FOREST GROVE RD (REAR)	SCAPELLATO, JOSEPH S PETER	2.56	2.56	100.00	2.46		Pinelands South
Franklin Twp.	6804	20	FOREST GROVE RD	SCAPELLATO, PETER JOSEPH S	8.09	8.07	99.75	8.05		Pinelands South
Franklin Twp.	6804	21	FOREST GROVE RD	SCAPELLATO, JOSEPH	14.72	14.64	99.44	14.72		Pinelands South
Franklin Twp.	6804	22	FOREST GROVE RD	CIFALOGLIO, SYLVESTER JR	10.02	10.02	100.00	10.02		Pinelands South
Franklin Twp.	6804	23	FOREST GROVE RD	CIFALOGLIO, SYLVESTER JR	14.28	14.18	99.28	14.28		Pinelands South
Franklin Twp.	6804	27	1919 FOREST GROVE RD	CARLINO. ALBERT ESTATE OF	9.49	7.11	74.96	9.49		Pinelands South
Franklin Twp.	6804	40	296 SOUTH BLUE BELL RD	HUFFMAN, TIMOTHY PATRICIA	16.86	11.65	69.12	16.86		Pinelands South
Franklin Twp.	6804	41	296 SOUTH BLUE BELL RD	HUFFMAN, TIMOTHY PATRICIA	1.04	1.04	100.00	1.04		Pinelands South
Franklin Twp.	6804	47	WEYMOUTH RD	CIFALOGLIO. HENRY N	7.11	7.06	99.41	7.11		Pinelands South
Franklin Twp.	6804	48	WEYMOUTH RD	CIFALOGLIO, HENRY N	2.63	2.63	100.00	2.63	100.00	Pinelands South
Franklin Twp.	6804	49	WEYMOUTH RD	CIFALOGLIO, HENRY N	3.44	3.44	100.00	3.44		Pinelands South
Franklin Twp.	6805	1	655 HARDING HWY	VIEHWEG. ERNEST P JR DIANE P	22.02	13.20	59.94	22.02		Pinelands South
Franklin Twp.	6805	4.01	HARDING HWY	BELLONE, ANDREW JEAN TRUST	31.04	30.42	98.02	31.04		Pinelands South
Franklin Twp.	6805	6	491 HARDING HWY	BELLONE, ANDREW M JR THOMAS L	19.18	19.00	99.06	19.18		Pinelands South
Franklin Twp.	6805	9	HARDING HWY	NIXHOLM REAL ESTATE HOLDINGS	22.19	19.24	86.74	22.19		Pinelands South
Franklin Twp.	6805	25	WEYMOUTH RD	MR STEEL,LLC	13.51	12.06	89.22	13.33	98.61	Pinelands South
Franklin Twp.	6805	27	WEYMOUTH RD	NIXHOLM REAL ESTATE HOLDINGS	9.13	8.48	92.85	9.13		Pinelands South
Franklin Twp.	6805	28	WEYMOUTH RD (REAR)	NIXHOLM REAL ESTATE HOLDINGS	39.88	28.90	72.46	39.88		Pinelands South
Franklin Twp.	6805	29	WEYMOUTH RD	NIXHOLM REAL ESTATE HOLDINGS	18.43	18.43	100.00	18.43		Pinelands South
Franklin Twp.	6805	30	WEYMOUTH RD	LEWIS, ELEANOR J; ESTATE	31.26	28.23	90.30	31.26		Pinelands South
Franklin Twp.	6805	35	590 SOUTH BLUE BELL RD	HURLEY, CHARLES J DINA M	19.36	16.22	83.81	19.36		Pinelands South
Franklin Twp.	7002	10	1584 CATAWBA AVE	WILLIAMSON, DAVID B CARINE	19.04	18.44	96.83	18.47	96.99	Pinelands South
Franklin Twp.	7002	11	1654 CATAWBA AVE	GONZALEZ. JOSEPH R	25.00	21.23	84.91	24.93	99.72	Pinelands South
Franklin Twp.	7002	30.02	WEYMOUTH RD	MURRAY, JOYCE MURRAY, DAVID	14.75	9.15	62.01	14.75		Pinelands South
Franklin Twp.	7002	3	1350 WEYMOUTH RD	ALLONARDO, DAVID TERESA	21.61	15.10	69.89	21.61		Pinelands South
Franklin Twp.	7003	30	538 MAIN RD	KARCH, ELLEN N	7.02	5.19	73.91	7.02		Pinelands South
Franklin Twp.	7101	8	1259 TUCKAHOE RD	STELLACCIO, JOANN	103.19	48.52	47.02	103.19	100.00	Pinelands South
Franklin Twp.	7101	28.01	HARDING HWY	CAPOZZI FAMILY FOUNDATION	24.46	21.72	88.83	24.46		Pinelands South
Franklin Twp.	7101	30	870 HARDING HWY	BELARMINO, JIMENO L	9.09	7.27	80.04	9.09		Pinelands South
Franklin Twp.	7101	31	886 HARDING HWY	JONES, RESA A	10.50	9.80	93.31	10.50		Pinelands South
ι ιαπνιιπ τωρ.	1101	J I	ססס בארטוואס באאן	JUNES, RESA A	10.50	9.00	93.31	10.50	100.00	r irieiarius Soutii

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Franklin Twp.	7101	35	964 HARDING HWY	GORRELL BRORS REALTY LLC	55.23	31.28	56.64	55.23	100.00	Pinelands South
Franklin Twp.	7101	44	1086 HARDING HWY	BISHOP, JOHN B REEVES, JULIE L	6.05	4.60	76.16	6.05		Pinelands South
Franklin Twp.	7101	45	1114 HARDING HWY	GAROPPO, PASQUALE F,SR JUDITH A	131.56	43.72	33.23	131.56		Pinelands South
Franklin Twp.	7101	50	HARDING HWY	MUSTO. HEAR ANN	12.38	9.65	77.95	12.38		Pinelands South
Franklin Twp.	7101	51	1386/1398 HARDING HWY	DEVECCHIS, GAETANO RITA F	7.29	5.99	82.18	7.29		Pinelands South
Franklin Twp.	7101	57	1670 MAIN RD	FABRIZIO, ANTOINETTE	5.04	4.81	95.46	5.04		Pinelands South
Franklin Twp.	7101	59	MAIN RD (REAR)	FABRIZIO, ANTOINETTE	4.02	4.02	100.00	4.02		Pinelands South
Franklin Twp.	7101	60	MAIN RD (REAR)	FABRIZIO, ERNEST JAMES	8.77	8.77	100.00	8.77		Pinelands South
Franklin Twp.	7101	62	644 FABRIZIO LANE	FABRIZIO, ERNEST JAMES	10.32	9.51	92.22	10.32		Pinelands South
Franklin Twp.	7101	64	FABRIZIO LANE	FABRIZIO, GEORGE DAYLE S	49.80	30.37	60.98	49.80		Pinelands South
Franklin Twp.	7101	66	1748 MAIN RD	RICHER, PEARL E POLACHEK	13.96	12.04	86.25	13.96		Pinelands South
Franklin Twp.	7101	67	1796 MAIN RD	CURCIO, ROBERT VINCENT DEBORAH	10.24	8.34	81.48	10.24		Pinelands South
Franklin Twp.	7101	68	1844 MAIN RD	CURCIO, EDWARD JR ROBERT V	24.79	22.64	91.35	24.79		Pinelands South
Franklin Twp.	7102	7	1268 MAIN RD	FABRIZIO, ANTHONY A JR DOROTHY	22.73	21.09	92.78	22.73		Pinelands South
Franklin Twp.	7102	8	1268 MAIN RD	FABRIZIO, ANTHONY A DOROTHY J	19.45	17.85	91.76	19.45		Pinelands South
Franklin Twp.	7202	1	1899 MAIN RD	MARCHESANO, WILLIAM A PATRICIA	9.62	8.05	83.73	9.62		Pinelands South
Franklin Twp.	7202	1.01	1945 MAIN RD	MARCHESANO, LOUIS JULIA	1.59	1.59	100.00	1.59		Pinelands South
Franklin Twp.	7202	1.03	LAKE RD	MARCHESANO, LOUIS JULIA	4.61	4.61	100.00	4.61		Pinelands South
Franklin Twp.	7202	1.03	LAKE RD	MARCHESANO, LOUIS JULIA	1.79	1.77	98.73	1.79		Pinelands South
Franklin Twp.	7202	7	MAIN RD	FABRIZIO, ANTOINETTE	14.62	10.77	73.66	14.62		Pinelands South
Franklin Twp.	7202	35	LAKE RD	PLACENDO, LOUIS J JR	27.39	26.37	96.28	27.39		Pinelands South
Franklin Twp.	7202	36	5538 LAKE RD	PLACENDO, JOHN PAUL III	16.03	9.75	60.83	16.03		Pinelands South
Franklin Twp.	7202	2	490 MADISON AVE	NOVICKE, MICHAEL A	10.03	6.33	60.13	10.03		Pinelands South
Franklin Twp.	7203	15	1625 HARDING HWY	SORTINO, J J. PRICE	6.76	-	-	-	100.00	Pinelands South
Franklin Twp.	7203	19	1523 HARDING HWY	CAPOZZI,FRANK,MILDRED,LUCY,EDITH	15.47	- 10.15	- 65.90	- 15.40	100.00	Pinelands South
'	7203	22	MAIN RD	CAPOZZI,FRANK,MILDRED,LUCY,EDITH	6.20	5.96	96.00	6.20	100.00	
Franklin Twp.		23		, , , , , , , , , , , , , , , , , , , ,	33.22	27.84	83.83	33.22		
Franklin Twp.	7203 7203	31	1299 MAIN RD CATAWBA AVE	PUSTIZZI, CARMELO PUSTIZZI, CARMELO	9.08				100.00	Pinelands South
Franklin Twp.				PUSTIZZI, CARMELO		-	-	-	-	Pinelands South
Franklin Twp.	7203 7203	36 37	CATAWBA AVE	PUSTIZZI, CARMELO PUSTIZZI, CARMELO	11.63	- 17.60	- 02.55	-	100.00	Pinelands South Pinelands South
Franklin Twp.			******	- ,	19.11	17.69	92.55	19.11		
Franklin Twp.	7203	38	CATAWBA AVE	ARCANGELI, FRED ROSEMARIE	0.42	0.36	85.64	0.42	100.00	
Glassboro Borough	195	1	AURA RD	CANGLO LLC	7.29	5.50	75.37	5.20		Still Run
Glassboro Borough	195	2	ELLIS MILL RD	CANGLO LLC	6.59	5.84	88.66	6.27		Still Run
Glassboro Borough	197	1	530 AURA RD	AURA DEVELOPMENT GROUP LLC	23.64	20.84	88.16	23.64		Still Run
Glassboro Borough	197	2.03	ELLIS MILL RD	AURA DEVELOPMENT GROUP LLC	22.69	13.65	60.17	22.67		Still Run
Glassboro Borough	197.04	143	GLASSBORO-FERRELL	DEEUGENIO, LEWIS J JR	29.93	22.87	76.39	27.54		Still Run
Glassboro Borough	198	5	ELLIS MILL RD	ZEE ORCHARDS, INC	2.89	2.89	100.00	2.89		Still Run
Greenwich Twp.	215	2	DEM RD SWED RD NEH BRA	HERSKOWITZ LLC	0.05	0.05	100.00	0.05		Delaware River
Greenwich Twp.	225	1	SWEDESBORO RD INTERIOR	BURZICHELLI, J. M	2.52	2.40	95.53	2.52		Delaware River
Greenwich Twp.	242	4.01	DEMOCRAT RD	BANSCHER, JOHN	2.17	2.07	95.53	2.17		Delaware River
Greenwich Twp.	242	5	U S 130	BANSCHER, JOHN	12.68	7.66	60.37	12.68		Delaware River
Greenwich Twp.	255	1.02	SWEDESBORO RD	FEHLAUER, J W FEHLAUER, A M	9.15	5.49	60.07	9.15		Delaware River
Greenwich Twp.	255	2	SWED RD	FEHLAUER, WERNER A	10.73	8.72	81.27	9.82	91.51	Delaware River

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Greenwich Twp.	256	1	SWEDESBORO RD	ROGUSA, MOLLIE, MATW, LAUREN	36.65	18.57	50.66	19.16	52.28	Delaware River
Greenwich Twp.	259	1.01	420 SOUTH DEMOCRAT RD	BANSCHER, JOHN R	28.12	20.89	74.30	26.40	93.90	Delaware River
Greenwich Twp.	260	1	SWEDESBORO RD	295 LAND ASSOC N. ROBINSON	43.20	24.08	55.74	38.72	89.64	Delaware River
Greenwich Twp.	260	2	441 SWEDESBORO AVE	HOLLENACK, MICHAEL M III PATRICIA	27.39	15.25	55.67	25.32	92.44	Delaware River
Greenwich Twp.	260	2.01	441 SWEDESBORO AVE	HOLLENACK, MICHAEL M III	7.89	5.38	68.19	7.89	100.00	Delaware River
Greenwich Twp.	260	3	SWEDESBORO AVE	KALINOWSKI, DENISE	22.70	22.70	100.00	22.70	100.00	Delaware River
Greenwich Twp.	261	3	461 SWEDESBORO AVE	MILLER, ADAM	60.53	45.83	75.72	51.63	85.29	Delaware River
Greenwich Twp.	263	7	554 TOMLIN RD	LIPPINCOTT, DAVID, JOANNA C BECK	23.49	18.70	79.61	18.88	80.37	Delaware River
Greenwich Twp.	264	2	TOMLIN STA RD	STEFKA, HELEN	44.22	34.87	78.85	42.17	95.37	Delaware River
Greenwich Twp.	265	1	TOMLIN STA RD	STEFKA, HELEN	17.80	15.28	85.86	14.53	81.60	Delaware River
Harrison Twp.	3	5.01	WILLIAMSON LANE	DALBOW, AMY H J	9.49	8.53	89.89	9.49	100.00	Raccoon Creek
Harrison Twp.	3	5.02	WILLIAMSON LANE	WHITE, MARION J	9.59	9.59	100.00	9.59	100.00	Raccoon Creek
Harrison Twp.	3	32	223 WILLIAMSON LN	REUTER ENTERPRISES INC	49.96	49.41	98.90	48.20	96.48	Raccoon Creek
Harrison Twp.	3	33	213 RICHWOOD RD	MADISON/CANUSO ATTN: LISA TSUI	30.11	29.37	97.54	28.33	94.09	Raccoon Creek
Harrison Twp.	4.01	3	311 313 AURA RD	EISENHART REAL ESTATE,LLC	13.22	11.25	85.12	13.22	100.00	Raccoon Creek
Harrison Twp.	5	1	347 RICHWOOD RD	BROWN, FRANK	8.66	7.23	83.50	8.66	100.00	Raccoon Creek
Harrison Twp.	5	6	307 RICHWOOD RD	BARTHOLOMEW, GEORGE D CLAIRE	21.69	17.68	81.53	17.48	80.62	Raccoon Creek
Harrison Twp.	5	7	RICHWOOD RD	REUTER ENTERPRISES INC	22.42	22.35	99.69	22.24	99.21	Raccoon Creek
Harrison Twp.	5	8	WILLIAMSON LANE	REUTTER ENTERPRISES	42.64	36.34	85.23	24.21	56.78	Raccoon Creek
Harrison Twp.	5	10	AURA RD	HARRIS, MARILYN J SMITH-TRUSTEE	77.90	65.59	84.20	63.62	81.66	Raccoon Creek
Harrison Twp.	5	11	AURA RD	HARRIS, MARILYN	28.61	24.79	86.64	23.74	82.98	Raccoon Creek
Harrison Twp.	5	13	317 RICHWOOD RD	GEMA,LLC	44.50	25.22	56.68	29.91	67.20	Raccoon Creek
Harrison Twp.	5	15	1201 ELLIS MILL RD	ZEE ORCHARDS	1.94	1.92	98.99	1.94	100.00	Raccoon Creek
Harrison Twp.	6	5	1232 ELLIS MILL RD	DEEUGENIO,LEWIS JR&L LEWIS ALYSE	48.32	41.45	85.77	48.17	99.69	Raccoon Creek
Harrison Twp.	7	2	ELLIS MILL RD	SUMMERVILLE. ANDREW. HOLSTEIN K.	18.11	11.73	64.74	18.11	100.00	Raccoon Creek
Harrison Twp.	8	1	CLEMS RUN	LAKE GILMAN OWNERS, TREASURER	7.94	5.12	64.51	7.94	100.00	Raccoon Creek
Harrison Twp.	10	2	167 EWAN RD	DEMASI, GREGORY CROOK, K	17.31	11.39	65.80	17.31	100.00	Raccoon Creek
Harrison Twp.	10	3	344 RICHWOOD RD	LLOYD, WARREN P	7.09	5.21	73.50	7.09	100.00	Raccoon Creek
Harrison Twp.	10	12	549 CLEMS RUN	TURK, JAMES F	7.76	6.39	82.43	7.76	100.00	Raccoon Creek
Harrison Twp.	10	21	173 EWAN RD	JOHANSON, DAWN M	16.38	8.49	51.86	16.38	100.00	Raccoon Creek
Harrison Twp.	10.02	3.07	106 LAUREL CT	ZEE, DOUGLAS JR	10.04	7.54	75.07	10.04	100.00	Raccoon Creek
Harrison Twp.	10.02	5.02	EWAN RD	BEAHM, ARTHUR C ELEANOR	4.17	3.90	93.53	3.38	81.23	Raccoon Creek
Harrison Twp.	11	1	322 EWAN RD	PASQUARIELLO. CIRO KATHLEEN	18.54	10.73	57.89	18.54	100.00	Raccoon Creek
Harrison Twp.	14	6	512 CLEMS RUN RD	JONES, RICHARD, E. MCNAMEE	13.22	7.23	54.68	13.22	100.00	Raccoon Creek
Harrison Twp.	15	5	203 EWAN RD	SMITH, RICHARD T LORRAINE	9.87	6.33	64.11	9.87	100.00	Raccoon Creek
Harrison Twp.	17	1.01	HARRISONVILLE RD	BLACKMAN, WM GLENMEDE TRUST	137.35	83.01	60.44	100.76	73.36	Raccoon Creek
Harrison Twp.	17	2	51 NUTT LANE	GIBBS, JUNE H	20.95	16.86	80.46	17.30	82.59	Raccoon Creek
Harrison Twp.	17	3	NUTT LANE	CANGLO,LLC	7.00	6.42	91.69	7.00	100.00	Raccoon Creek
Harrison Twp.	17	4	252 RICHWOOD RD	REUTER ENTERPRISES	23.20	23.00	99.14	23.20	100.00	Raccoon Creek
Harrison Twp.	17	6	RICHWOOD RD	REUTER ENTERPRISES	21.34	21.04	98.59	20.51	96.13	Raccoon Creek
Harrison Twp.	17	7.01	126 EWAN RD	REUTER ENTERPRISES	19.58	16.97	86.67	16.35	83.52	Raccoon Creek
Harrison Twp.	17	9	24 FOX HOLLOW LANE	FOX, MARGARET S	24.20	15.02	62.06	20.76	85.80	Raccoon Creek
Harrison Twp.	19	1	HARRISONVILLE RD	REUTER, DORIS	9.80	9.80	100.00	9.80	100.00	Raccoon Creek
Hallisuli IWP.	ıσ	I	I IAMMOUNTILLE ND	INLUTEIN, DUNIO	9.00	9.00	100.00	9.00	100.00	Naccoult Creek

					Acres	Tillable Land		Agricultural Soils		
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Harrison Twp.	19	1.07			17.15	16.21	94.50	17.15	100.00	Raccoon Creek
Harrison Twp.	19	2	169 HARRISONVILLE RD	SCHLEICHER, JOHN NORMAN	36.04	34.59	95.96	36.04	100.00	Raccoon Creek
Harrison Twp.	19	3	158 RICHWOOD RD	REUTER ENTERPRISES	49.30	48.19	97.75	49.30	100.00	Raccoon Creek
Harrison Twp.	20	1.03	142 RICHWOOD RD	HERITAGE, W WADE SONS, INC	1.06	1.06	100.00	1.06	100.00	Raccoon Creek
Harrison Twp.	20	1.04	140 RICHWOOD RD	HERITAGE, W WADE SONS, INC	1.11	1.11	100.00	1.11	100.00	Raccoon Creek
Harrison Twp.	28	2	228 HEILIG RD	DATZ, CAROL CHARLES DATZ	12.48	7.46	59.80	8.68	69.50	Raccoon Creek
Harrison Twp.	28	3	HEILIG RD	HEILIG ORCHARDS	3.06	3.06	100.00	3.06	100.00	Raccoon Creek
Harrison Twp.	29	3	207/205 HEILIG RD	HEILIG ORCHARDS INC	30.79	29.78	96.72	30.79	100.00	Raccoon Creek
Harrison Twp.	29	4	BARNSBORO RD	HEILIG, HENRY CARL JR	10.78	10.78	99.95	10.78	100.00	Raccoon Creek
Harrison Twp.	29	6	MULLICA HILL RD	CLENDING/VIERECK INVESTMENTS,LLC	38.61	37.44	96.96	38.61	100.00	Raccoon Creek
Harrison Twp.	29	9.06	451 MULLICA HILL RD	HERITAGE, W WADE SONS	1.48	1.12	75.80	1.48	100.00	Raccoon Creek
Harrison Twp.	29	10	MULLICA HILL RD	HEILIG ORCHARDS	53.26	51.86	97.37	53.23	99.93	Raccoon Creek
Harrison Twp.	31	1	235 BISHOP RD	HARGREAVES, JAMES W JODI D	14.25	8.16	57.26	13.84	97.15	Raccoon Creek
Harrison Twp.	31	1.19	BISHOP RD (REAR)	HARGREAVES, JAMES W JODI D	5.06	4.75	93.89	5.06	100.00	Raccoon Creek
Harrison Twp.	31	11	480 MULLICÀ HILL RD	HERITAGE, W WADE SONS	48.99	45.61	93.09	47.61	97.19	Raccoon Creek
Harrison Twp.	31	11.04	452 MULLICA HILL RD	HERITAGE, W WADE SONS	1.04	1.01	97.23	1.04	100.00	Raccoon Creek
Harrison Twp.	33	1	CLEMS RUN	GRIFFIN, ERIC W MARK W	67.95	66.91	98.45	59.56	87.64	Raccoon Creek
Harrison Twp.	33	2	368 MULLICA HILL RD	DAMMINGER, RUDOLPH O JOANNE	27.60	24.53	88.88	26.10	94.57	Raccoon Creek
Harrison Twp.	33	2.03	101 GRIFFIN RD	DAMMINGER, OSCAR E TERESA	28.07	27.87	99.30	22.15	78.90	Raccoon Creek
Harrison Twp.	33	4	BISHOP RD	MULLICA HILL FARMS	30.95	28.41	91.82	21.06	68.05	Raccoon Creek
Harrison Twp.	33	5	CLEMS RUN	BALLINGER, LEONA D	23.12	22.81	98.66	23.11	99.97	Raccoon Creek
Harrison Twp.	33	10	253 CLEMS RUN	MULLICA HILL FARMS	7.03	5.71	81.20	6.84	97.33	Raccoon Creek
Harrison Twp.	33	10.03	247 CLEMS RUN	MULLICA HILL FARMS	8.06	5.46	67.80	7.98	99.11	Raccoon Creek
Harrison Twp.	33	11.02	235 CLEMS RUN	MULLICA HILL FARMS	12.58	6.35	50.52	9.10	72.36	Raccoon Creek
Harrison Twp.	33.01	5	CLEMS RUN	LOPES, FRANCIS MARIA	12.26	12.01	97.98	12.26	100.00	Raccoon Creek
Harrison Twp.	33.01	5.04	GRIFFIN RD	LOPES, FRANCIS MARIA	1.00	1.00	100.00	1.00	100.00	Raccoon Creek
Harrison Twp.	33.01	5.05	GRIFFIN RD	LOPES, FRANCIS MARIA	1.00	1.00	100.00	1.00	100.00	Raccoon Creek
Harrison Twp.	34	2	WALTERS RD	FRIEDRICH, KATHLEEN PORRECA	16.40	15.27	93.10	16.40	100.00	Raccoon Creek
Harrison Twp.	34	43	237 MULLICA HILL RD	TRINITY UNITED METHODIST CHURCH	19.14	17.82	93.11	19.14	100.00	Raccoon Creek
Harrison Twp.	36	2.02	JEFFERSON RD	ROBINSON, ROBERT L LINDA G	5.00	4.83	96.68	5.00	100.00	Raccoon Creek
Harrison Twp.	41.01	1	243 NORTH MAIN ST	THOMAS, HELEN F BRUNI, JOANNE W	10.02	8.69	86.74	6.87	68.52	Raccoon Creek
Harrison Twp.	44	2	WOLFERT STATION RD	BOARTS, CHARLES JOAN W	43.73	39.65	90.66	37.15	84.96	Raccoon Creek
Harrison Twp.	44	4	COHAWKIN RD	CWR CONSTRUCTION	23.01	14.90	64.78	20.36	88.51	Raccoon Creek
Harrison Twp.	45	8	WOLFERT STATION RD (REAR)	CALTABIANO, ALFRED KATHLEEN E	14.00	8.74	62.44	10.82	77.29	Raccoon Creek
Harrison Twp.	45	10.02	305 WOLFERT STATION RD	TOMARCHIO, ALFRED S J.	7.91	6.73	85.12	5.29	66.90	Raccoon Creek
Harrison Twp.	45	11	351 WOLFERT STATION RD	GRASSO, LUCY	95.61	92.24	96.48	94.73	99.08	Raccoon Creek
Harrison Twp.	45	16	140 SWEDESBORO RD	VISALLI, JOSEPH GRACE L	62.93	54.48	86.57	62.40	99.16	Raccoon Creek
Harrison Twp.	45.01	3	UNION RD	WESTERMANN, HENRY LISA	9.19	8.67	94.41	9.19	100.00	Raccoon Creek
Harrison Twp.	47	3	TOMLIN STATION RD	GARGIULO, FRANCES R	13.10	13.02	99.39	13.10	100.00	Raccoon Creek
Harrison Twp.	47	4	TOMLIN STATION RD	GARGIULO, FRANCES R	0.67	0.67	100.00	0.67	100.00	Raccoon Creek
Harrison Twp.	49.07	13	111 SADDLE CT	TESTA, VINCENT DIANE	3.78	3.54	93.68	3.78	100.00	Raccoon Creek
Harrison Twp.	50	2.01	219 WOODLAND AVE	RAFFAGHELLO, JOHN IRENE	18.33	11.07	60.40	15.20	82.88	Raccoon Creek
Harrison Twp.	50	2.02	161 WOODLAND AVE	MEAGHER, GARY	26.76	14.84	55.46	16.08	60.06	Raccoon Creek

					Acres	Tillable Land		Agricultural Soils		
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Harrison Twp.	50	3.01	HIGH ST	BLASKOVICH, JOHN VIRGINIA	12.09	7.32	60.56	7.03	58.17	Raccoon Creek
Harrison Twp.	53	10	233 HIGH ST	BUTLER, AARON V SUSAN M	5.77	4.60	79.82	5.77	100.00	Raccoon Creek
Harrison Twp.	56	4.01	216 BRIDGETON PIKE	HELWIG, THOMAS W ROBERTA J	10.52	10.47	99.50	10.52	100.00	Raccoon Creek
Harrison Twp.	56	4.02	208 BRIDGETON PIKE	GANGEMI, VINCENT II JUDITH	18.34	15.86	86.48	18.34	100.00	Raccoon Creek
Harrison Twp.	56	4.03	220 BRIDGETON PIKE	NEWLAND, CHRISTINE R	10.38	6.90	66.49	9.30	89.60	Raccoon Creek
Harrison Twp.	56	5	238 244 BRIDGETON PIKE	EACHUS, WARD E	100.75	92.30	91.61	91.27	90.59	Raccoon Creek
Harrison Twp.	56	11	211 COMMISSIONERS RD	CAMELI, JOSEPH C JR	19.49	14.63	75.07	19.49	99.99	Raccoon Creek
Harrison Twp.	56	11.01	219 COMMISSIONERS RD	ZIEGENFUSS, LAVERNE R	9.83	5.02	51.13	9.83	100.00	
Harrison Twp.	57	15	221 BRIDGETON PIKE	GRASSO, ANGELO FLORENCE	107.37	81.27	75.69	71.75	66.82	Raccoon Creek
Logan Twp.	502	6	FLOODGATE RD	BUCKLEY CO. INC. A PA. CORP.	69.81	35.75	51.22	67.23	96.30	Delaware River
Logan Twp.	604	17	186-194 REPAUPO STA RD	GAVENTA A L SON INC	37.87	31.95	84.36	37.87	99.98	Delaware River
Logan Twp.	605	3	REPAUPO STA RD	GAVENTA, AL SON INC	47.55	27.21	57.22	46.29	97.35	
Logan Twp.	606	1	REPAUPO STA RD	GAVENTA, ALVIN SON	2.55	1.96	76.73	2.26	88.72	Delaware River
Logan Twp.	701	1	REPAUPO STA RD	LOGAN MEADOWS LLC, AJ FALCIANI	7.32	6.84	93.52	7.32	100.00	
Logan Twp.	701	3	59 REPAUPO STA RD	CARR, WARREN H	19.78	14.50	73.30	19.78	100.00	
Logan Twp.	701	12	PAULSBORO RD	CARR, WARREN H	42.12	32.69	77.62	42.12		Delaware River
Logan Twp.	701	19	838 PAULSBORO RD	GIORGI, CHRISTOPHER M REID, PATRI	12.47	7.76	62.26	12.47		Delaware River
Logan Twp.	701	20	876 PAULSBORO RD	CARR, WARREN H	45.17	34.48	76.34	45.17	100.00	
Logan Twp.	701	7	815 PAULSBORO RD	SHUTE. MELVIN	47.76	43.60	91.28	47.76		Delaware River
Logan Twp.	702	10	ASBURY STATION RD	OANONO. REOVEN	59.02	38.18	64.69	42.88	72.66	
Logan Twp.	702	11	543 ASBURY STATION RD	LOPES, PASQUALE MADELINE	53.45	27.15	50.79	33.76	63.15	Delaware River
Logan Twp.	702	2	SWEDESBORO AVE	PRIVITERA. JOHN ROSE LUSCAN	97.94	67.15	68.56	97.94		Delaware River
	703	4	ASBURY STATION RD	,	44.32					Delaware River
Logan Twp.	703	9	ASBURY STATION RD	GARDINER, P EL GARDINER BECKER, CHARLES T LILLIAN	13.82	28.97 8.89	65.37 64.31	44.32 13.82		Delaware River
Logan Twp.	703		ASBURY STATION RD	CALI. ALFIO BETTY	0.93	0.93		0.93		
Logan Twp.		12		- ,			100.00		100.00	
Logan Twp.	703	13	ASBURY STATION RD	CALI, ALFIO BETTY	0.85	0.82	96.34	0.85		Delaware River
Logan Twp.	703	15	731 PAULSBORO RD	WARREN, RAYMOND	22.81	19.83	86.92	22.81		Delaware River
Logan Twp.	801	30	592 SWEDS-PAULS RD	CURIALE, ANTHONY N CHRISTINA E	74.83	36.16	48.32	74.83		Delaware River
Logan Twp.	801	31	602 SWEDES-PAULS RD	CURIALE, ANTHONY N CHRISTINA E	46.02	28.87	62.74	46.02		Delaware River
Logan Twp.	801	55	REPAUPO	LEONE, RUSSELL	28.83	21.18	73.46	28.83	100.00	
Logan Twp.	1002	5	STONE MEETING HOUSE RD	SHIVELER, W M, SHIVELER, R M	14.23	14.18	99.65	14.23	100.00	
Logan Twp.	1002	6	STONE MEETING HOUSE RD	SHIVELER, W M, SHIVELER, R M	0.89	0.89	100.00	0.89	100.00	
Logan Twp.	1002	7	OAK GROVE	R S GAVENTA LLC GAVENTA, E	36.51	31.90	87.36	33.20	90.91	Delaware River
Logan Twp.	1003	3	118 COONTOWN RD	MULVENNA, VERNA	21.14	-	-	-	-	Delaware River
Logan Twp.	1003	7	COONTOWN RD	MACCARONE, SAMUEL	36.63	35.32	96.43	36.63	100.00	
Logan Twp.	1003	10	OAK GROVE RD	SHOEMAKER, RAYMOND	99.61	56.32	56.54	90.86	91.22	Delaware River
Logan Twp.	1003	13	OAK GROVE RD	REINERTSEN, REINERT J	8.95	7.67	85.68	8.95	100.00	
Logan Twp.	1004	1	OAK GROVE RD	PANSERA, A PANSERA, V	10.88	8.08	74.27	9.43	86.66	
Logan Twp.	1004	9	STONE MEETING HOUSE RD	RACITE, DOMINIC	37.95	30.64	80.75	37.95	100.00	Delaware River
Logan Twp.	1101	1	OAK GROVE	PANSERA, A PANSERA, V	13.61	11.46	84.21	13.55	99.59	Delaware River
Logan Twp.	1102	17	RT 322	FILEMYR, JOHN W	18.58	9.87	53.13	16.26	87.54	Delaware River
Logan Twp.	1102	18	RT 322	FALCON 50 FARMS LLC	30.69	18.35	59.80	30.69	100.00	Delaware River
Mantua Twp.	1	4	WOLFERT STATION RD	BOARTS, CHARLES A JOAN W	4.52	3.50	77.47	4.52	100.00	RepaupoMantuaCrk

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Mantua Twp.	3	1	CEDAR RD	DEANGELIS, ELOUISE H	4.03	4.03	100.00	4.03	100.00	RepaupoMantuaCrk
Mantua Twp.	4	1	444 COHAWKIN RD	BELLOCCHIO, JOSEPH A CHERYL A	8.55	6.97	81.57	8.13	95.04	RepaupoMantuaCrk
Mantua Twp.	4	4	BRIDGETON PIKE	CALTABIANO, J.	41.01	33.78	82.37	38.79	94.58	RepaupoMantuaCrk
Mantua Twp.	4	7.01	434 COHAWKIN RD	GRACE FARMS INC	15.98	13.21	82.70	15.98	100.00	RepaupoMantuaCrk
Mantua Twp.	4	13	BRIDGETON PIKE	FOUR PARKS LP	35.96	26.57	73.88	26.96	74.96	RepaupoMantuaCrk
Mantua Twp.	4	15	HERITAGE RD	WARREN, WALLACE R	18.50	15.41	83.30	18.50	100.00	RepaupoMantuaCrk
Mantua Twp.	4	17	360 COHAWKIN RD	COUNTESS CHARLES W TRUST KING	11.43	9.34	81.73	11.43	100.00	RepaupoMantuaCrk
Mantua Twp.	4	19.01	COHAWKIN RD	CRAIG, KEITH HOLLY	1.88	1.88	100.00	1.88	100.00	RepaupoMantuaCrk
Mantua Twp.	4	22	791 HERITAGE RD	DECARLO, ZELINDA	5.75	4.76	82.87	5.75	100.00	RepaupoMantuaCrk
Mantua Twp.	4	26	HERITAGE RD	ROMANO, MICHAEL DIANE M	16.86	9.18	54.42	16.01	94.91	RepaupoMantuaCrk
Mantua Twp.	5	1	HERITAGE RD	FOUR PARKS LP	3.49	3.49	99.80	3.49	100.00	RepaupoMantuaCrk
Mantua Twp.	5	3	770 BRIDGETON PIKE	HILL, SANDRA L MACCHERONE'S	53.69	29.57	55.08	32.96	61.40	RepaupoMantuaCrk
Mantua Twp.	5	4	BOODY MILL RD	LANDOLFI. JOHN GAIL	28.65	23.25	81.15	28.65	99.99	RepaupoMantuaCrk
Mantua Twp.	5	10.03	780 HERITAGE RD	CORDNER, WILLIAM DOROTHY	9.76	5.65	57.95	9.52	97.53	RepaupoMantuaCrk
Mantua Twp.	5	14	BOODY MILL RD	KRAMER, JOSEPH F	13.21	11.43	86.55	13.21	100.00	RepaupoMantuaCrk
Mantua Twp.	5	16	BRIDGETON PIKE	MACCHERONE, ALFRED J MARION A	30.09	29.88	99.31	30.09	100.00	RepaupoMantuaCrk
Mantua Twp.	254	5.01	822 MAIN STREET	CRESSE, NANCY	9.57	6.10	63.79	9.57	100.00	RepaupoMantuaCrk
Mantua Twp.	254	42.01	319 PITMAN RD	CAIONE, JR RALPH SUSAN F	5.77	4.53	78.61	5.77	100.00	RepaupoMantuaCrk
Mantua Twp.	259.01	3	131 HEILIG RD	WOOD, JEFFREY AMANDA HOGAN	2.95	2.95	99.81	2.95	100.00	' '
Mantua Twp.	259.01	4	141 HEILIG RD	WOOD, JEFFREY AMANDA HOGAN	3.00	3.00	100.00	3.00	100.00	RepaupoMantuaCrk
Mantua Twp.	259.01	5	HEILIG RD	HEILIG ORCHARDS INC	9.69	9.69	100.00	9.69	100.00	RepaupoMantuaCrk
Mantua Twp.	259.01	6	HEILIG RD	HEILIG ORCHARDS INC	1.83	1.82	99.49	1.83	100.00	RepaupoMantuaCrk
Mantua Twp.	260	4	PITMAN RD	ZEE, LOIS R JAMES III	31.44	31.15	99.08	31.41	99.91	RepaupoMantuaCrk
Mantua Twp.	260	4.01	580 PITMAN RD	MOORE, MICHAEL JEANNINE	12.78	10.87	85.06	12.77	99.98	RepaupoMantuaCrk
Mantua Twp.	260	15	BARNSBORO RD	SMITH ORCHARDS	82.76	48.76	58.91	82.76	100.00	RepaupoMantuaCrk
Mantua Twp.	260	15.01	561 BARNSBORO RD	HURFF, JOHN R,JR NANCY	8.15	5.34	65.59	8.15	100.00	RepaupoMantuaCrk
Mantua Twp.	260	16	BARNSBORO RD	MADISON/CANUSO ATTN: LISA TSUI	17.19	17.11	99.56	17.19	100.00	RepaupoMantuaCrk
	261.01	14	MULLICA HILL RD	MADISON/CANUSO ATTN: LISA TSUI	4.06	4.06	100.00	4.06	100.00	RepaupoMantuaCrk
Mantua Twp. Mantua Twp.	261.01	15.02	LAMBS RD	MADISON/CANUSO ATTN: LISA TSUI	0.92	0.88	95.77	0.92	100.00	RepaupoMantuaCrk
Mantua Twp.	261.01	16.02	LAMBS RD	ZEE. DOUGLAS	4.99	4.96	99.40	4.99	100.00	RepaupoMantuaCrk RepaupoMantuaCrk
	261.01	16.03	LAMBS RD	ZEE, DOUGLAS ZEE, DOUGLAS	3.34	3.34	99.40	3.34	100.00	RepaupoMantuaCrk
Mantua Twp.			LAMBS RD	WILLIAMS, ERNEST C JR CONSTANCE						· · · · · · · · · · · · · · · · · · ·
Mantua Twp.	261.01 261.01	16.04 17	731 LAMBS RD	SMITH FRED ORCHARDS INC	8.01	7.89	98.53 76.63	8.01 6.02	100.00	RepaupoMantuaCrk RepaupoMantuaCrk
Mantua Twp.					6.02	4.61			100.00	
Mantua Twp.	263	1.11	589 BREAKNECK RD	TURK, THOMAS H COURTNEY J	5.86	5.76	98.31	5.45	93.01	RepaupoMantuaCrk
Mantua Twp.	263	3	555 BREAKNECK RD	CORYELL, GLORIA M DONNA	9.56	7.31	76.47	9.56	100.00	RepaupoMantuaCrk
Mantua Twp.	263	3.01	BREAKNECK RD	CORYELL, FRANK III KRISTIN	16.85	10.77	63.90	14.43	85.61	RepaupoMantuaCrk
Mantua Twp.	263.01	4.03	BREAKNECK RD	BALLINGER, EDWARD, E BALLINGER	40.92	32.95	80.52	34.13	83.42	RepaupoMantuaCrk
Mantua Twp.	265	1	768 JACKSON RD 291 JEFF	KRAEMER, ROSALIE A	99.59	62.49	62.75	76.37	76.68	RepaupoMantuaCrk
Mantua Twp.	265	2	211 JEFFERSON RD	WHITE, WILLIAM H	68.35	61.33	89.72	66.58	97.41	RepaupoMantuaCrk
Mantua Twp.	272	1.04	BRIDGETON PIKE	JOHN F. MULLIGAN,JR.&	24.91	17.34	69.60	18.85	75.68	RepaupoMantuaCrk
Mantua Twp.	272	17	BRIDGETON PIKE	HILL, SANDRA L MACCHERONE'S	17.06	16.76	98.24	17.06	100.00	RepaupoMantuaCrk
Mantua Twp.	273	2.02	901 BRIDGETON PIKE	FREAS FOGG, HELEN JANE M	5.12	4.47	87.32	4.02	78.35	RepaupoMantuaCrk
Mantua Twp.	273	19.11	551 JACKSON RD	POSTORIVO, EUGENIO JR	3.07	2.65	86.12	2.46	79.98	RepaupoMantuaCrk

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Mantua Twp.	273	20	444 BREAKNECK RD	BALLINGER, GEORGE E JAMES H	111.69	69.55	62.27	70.44	63.07	RepaupoMantuaCrk
Mantua Twp.	273	22	895 BRIDGETON PIKE	STECHER FAMILY LLC	62.13	51.22	82.44	49.07	78.98	RepaupoMantuaCrk
Mantua Twp.	273	23.02	580 BREAKNECK RD	BLEMKER, WILLIAM NANCY L	17.22	8.95	51.99	12.63	73.34	RepaupoMantuaCrk
Mantua Twp.	273	25	BRIDGETON PIKE	BRUNI, JOANNE WINGATE H THOMAS	32.65	30.20	92.47	29.21	89.47	RepaupoMantuaCrk
Mantua Twp.	273	26.01	885 BRIDGETON PIKE	MCEVOY, PETER DORIS N	20.17	17.28	85.69	20.17	100.00	RepaupoMantuaCrk
Mantua Twp.	273	26.02	BRIDGETON PIKE	STECHER FAMILY LLC	26.07	17.40	66.77	24.06	92.30	RepaupoMantuaCrk
Mantua Twp.	273	26.03	911 BRIDGETON PIKE	STECHER, JACQUELINE	4.87	3.98	81.67	4.85	99.46	RepaupoMantuaCrk
Mantua Twp.	274	7.02	156 BREAKNECK RD	PETERSON, DOUGLAS CAROLINE	10.45	6.19	59.21	8.67	83.03	RepaupoMantuaCrk
Mantua Twp.	276	20	244 JEFFERSON RD	WHITE, WILLIAM H	26.35	20.19	76.64	26.35	100.00	RepaupoMantuaCrk
Monroe Twp.	2501	7	1331 NEW BROOKLYN RD	SIMMERMON, JOHN F ANN	9.25	5.67	61.32	9.25	100.00	New Brooklyn
Monroe Twp.	2501	8	1355 NEW BROOKLYN RD	TALACHADZE, JULIE	14.93	13.46	90.15	14.93	100.00	New Brooklyn
Monroe Twp.	6101	8	BLK HORSE PK	KEARNS, JOHN E DEBORAH	11.44	10.47	91.47	6.48	56.60	Pinelands South
Monroe Twp.	6101	23	502 PINEY HOLLOW RD EAST	MEASLEY, CARLTON J	49.18	37.27	75.79	49.17	99.98	Pinelands South
Monroe Twp.	6901	10	PINEY HOLLOW RD	BIAGI, JAMES NATALIE	24.61	22.21	90.28	24.60	99.97	Pinelands South
Monroe Twp.	7001	14	PINEY HOLLOW RD	BIAGI, RENATO/ CO WAYNE BIAGI	1.56	-	-	_	_	Pinelands South
Monroe Twp.	7001	18	PINEY HOLLOW RD	BIAGI, RENATO/ CO WAYNE BIAGI	26.88	-	-	_	_	Pinelands South
Monroe Twp.	7001	19	PINEY HOLLOW RD	BIAGI, WAYNE MARYBETH	12.51	7.41	59.21	10.77	86.09	Pinelands South
Monroe Twp.	7801	2	COLES MILL RD	GALLAGHER, JOSEPH C CAROLE	106.81	_	_	_	_	Pinelands South
Monroe Twp.	7801	15	924 COLES MILL RD	GALLAGHER, JOSEPH C CAROLE M	4.98	_	_	_	_	Pinelands South
Monroe Twp.	7801	16	900 COLES MILL RD	GALLAGHER, CHARLES M	4.32	-	-	_	_	Pinelands South
Monroe Twp.	7801	17	COLES MILL RD	GALLAGHER, CHARLES M	4.07	-	-	_	_	Pinelands South
Monroe Twp.	7801	18	COLES MILL RD	GALLAGHER, JOSEPH C	2.14	-	-	_	_	Pinelands South
Monroe Twp.	7801	19	COLES MILL RD	GALLAGHER, JOSEPH C	2.07	_	_	_	_	Pinelands South
Monroe Twp.	7801	20	858 COLES MILL RD	GALLAGHER, JOSEPH C CAROLE M	3.93	_	_	_	_	Pinelands South
Monroe Twp.	7901	25	WHITEHALL RD	GALLAGHER, JOSEPH C CAROLE	2.08	_	-	_	_	Pinelands South
Monroe Twp.	7901	26	WHITEHALL RD	GALLAGHER, JOSEPH C CAROLE	3.06	-	-	_	_	Pinelands South
Monroe Twp.	8101	17	JACKSON RD	THOMPSON INVESTMENT GROUP	3.42	3.16	92.56	3.42	100.00	Pinelands South
Monroe Twp.	8101	18	JACKSON RD	THOMPSON INVESTMENT INC	3.72	3.63	97.68	3.72	100.00	Pinelands South
Monroe Twp.	8101	19	JACKSON RD	GALLAGHER, JOSEPH C	7.49	7.40	98.81	7.49	100.00	Pinelands South
Monroe Twp.	8101	40	807 COLES MILL RD	GALLAGHER, JOSEPH C CAROLE M	2.18	_	-	_	_	Pinelands South
Monroe Twp.	8101	41	COLES MILL RD	GALLAGHER, JOSEPH C JR	4.55	-	-	_	_	Pinelands South
Monroe Twp.	8101	42	859 COLES MILL RD	GALLAGHER, JOSEPH C JR CAROLE	10.25	5.90	57.55	8.91	86.94	Pinelands South
Monroe Twp.	8101	43	COLES MILL RD	GALLAGHER, JOSEPH CAROLE M	2.85	2.39	83.88	2.47	86.52	Pinelands South
Monroe Twp.	8101	44	901 COLES MILL RD	MARPLE, JARROD MOLLY B	7.70	5.00	64.98	7.70	100.00	Pinelands South
Monroe Twp.	8101	45	COLES MILL RD	GALLAGHER, JOSEPH C CAROLE M	4.40	_	-	_	_	Pinelands South
Monroe Twp.	8101	46	COLES MILL RD	GALLAGHER, JOSEPH C CAROLE M	5.14	_	-	_	-	Pinelands South
Monroe Twp.	8101	48.01	COLES MILL RD	GALLAGHER, JOSEPH JR	2.51	_	-	_	-	Pinelands South
Monroe Twp.	8101	48.02	COLES MILL RD	GALLAGHER, JOSEPH C JR	1.30	_	-	_	_	Pinelands South
Monroe Twp.	8101	49	COLES MILL RD	GALLAGHER, JOSEPH C CAROLE	6.89	-	-	_	-	Pinelands South
Monroe Twp.	8101	52	COLES MILL RD	GALLAGHER, JOSEPH JR	1.71	-	-	-	-	Pinelands South
Monroe Twp.	8101	58	WHITEHALL RD	GALLAGHER, JOSEPH C	5.41	-	-	_	_	Pinelands South
Monroe Twp.	8101	61	WHITEHALL RD	THOMPSON INVESTMENT GROUP	7.31	6.92	94.62	7.31	100.00	Pinelands South
Monroe Twp.	8101	62	WHITEHALL RD	THOMPSON INVESTMENT GROUP	7.24	6.62	91.46	7.24	100.00	Pinelands South

					Acres	Tillab	le Land	Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Monroe Twp.	8101	67	WHITEHALL RD	GALLAGHER, JOSEPH C	1.65	1.61	97.52	1.65	100.00	Pinelands South
Monroe Twp.	8101		WHITEHALL RD	GALLAGHER, JOSEPH C	3.53	3.53	100.00	3.53	100.00	Pinelands South
Monroe Twp.	8101	74	WHITEHALL RD	GALLAGHER, JOSEPH C	3.67	3.61	98.30	3.67	100.00	Pinelands South
Monroe Twp.	8101	75	WHITEHALL RD	GALLAGHER, JOSEPH C	3.71	3.71	100.00	3.71	100.00	Pinelands South
Monroe Twp.	8101	76	WHITEHALL RD	GALLAGHER, JOSEPH C	3.70	3.70	99.92	3.70		Pinelands South
Monroe Twp.	10301	2	1720 BLUEBELL RD	MOFFA, ELIZABETH CHRISTOPHER	14.98	13.13	87.66	14.98	100.00	Pinelands North
Monroe Twp.	10501	1	1601 BLUEBELL RD	WITTJE, LOUIS B. CHICKELERO	106.45	35.88	33.71	106.45	100.00	Pinelands North
Monroe Twp.	10801	18.01	AMES RD	MUTH, ROBERT S LEDA	52.34	29.34	56.05	51.52		Pinelands North
Monroe Twp.	10801	18.02	1075 SYKESVILLE RD	BROOMELL, BRIAN PLUMLEY, D.	10.84	6.43	59.32	10.84		Pinelands North
Monroe Twp.	10801	18.03	1045 SYKESVILLE RD	HANSBURY, DENNIS HELEN B	10.68	8.07	75.52	10.68		Pinelands North
Monroe Twp.	10801	18.04	1109 SYKESVILLE RD	MARQUEZ. MARDOQUEO E. ROSS	9.69	5.47	56.42	9.69		Pinelands North
Monroe Twp.	10801		AMES RD	LOIBL, FRANK J	34.34	22.94	66.81	34.34		Pinelands North
Monroe Twp.	10901		BLUEBELL RD	SICKLER, MELVIN	4.14	4.14	100.00	4.14		Pinelands North
Monroe Twp.	10901	4	1093 BLUEBELL RD	T S PARTNER. LLC	15.55	13.71	88.19	15.55		Pinelands North
Monroe Twp.	10901		AMES RD	LESHAY, SAMUEL P CAROL V,	75.79	73.40	96.85	75.79		Pinelands North
Monroe Twp.	10901		BLUEBELL RD	BROWNAWELL, MARIE PATRICIA	35.13	25.41	72.33	34.56	98.38	
Monroe Twp.	10901	25	1020 SYKESVILLE RD	ELBANNA, KHALIL	8.39	7.84	93.50	8.39		Pinelands North
Monroe Twp.	10901		AMES RD	SICKLER, MELVIN	8.57	7.47	87.14	8.57		
Monroe Twp.	10901	41	CORKERY LANE	SICKLER, MELVIN E JR VIRGINIA	4.75	4.38	92.22	4.75		Pinelands North
Monroe Twp.	12601	22	1295 JANVIER RD	WITCZAK, SUSAN M	10.94	8.36	76.44	10.94		Pinelands North
Monroe Twp.	12601	97	148 TUCKAHOE RD S	KNOWLES, FRANCIS H NANCY L	7.71	7.05	91.45	7.71		Pinelands North
Monroe Twp.	12601	98	148 TUCKAHOE RD S	KNOWLES, FRANCIS H NANCY L	5.38	5.02	93.38	5.38		Pinelands North
Monroe Twp.	12601	99	TUCKAHOE RD	KNOWLES, FRANCIS NANCY	2.36	2.36	100.00	2.36	100.00	
Monroe Twp.	12601		88 TUCKAHOE RD S	FREEMAN, ROBIN WILLIAM	3.79	3.70	97.40	3.79		Pinelands North
Monroe Twp.	12601		TUCKAHOE RD	SENOR, ELIZABETH H	39.87	39.40	98.83	39.87		Pinelands North
'	12702	101.03	49 S TUCKAHOE RD	SENOR, ELIZABETH H	34.08	32.21	94.51	34.08		Pinelands North
Monroe Twp.	14801	10	GLASSBORO CR KEYS RD	TRIUMPH FAMILY LIMITED PARTNER.	12.99	12.78	98.39	12.99		Pitman Downer
Monroe Twp.	14801	_	GLASSBORO CR KEYS RD		19.98	_	98.36			
Monroe Twp.		11	FRIES MILL RD	TRIUMPH FAMILY LIMITED PARTNER.	45.46	19.66 41.07		19.98 45.46		Pitman Downer
Monroe Twp.	14801			EEJ PROPERTIES LLC			90.34			Pitman Downer
Monroe Twp.	14801	42	1639 PITMAN-DOWNER RD	MUTH, NICHOLAS	21.70	21.09	97.18	21.70		Pitman Downer
Monroe Twp.	14901	8	PITMAN-DOWNER RD	MUTH, NICHOLAS /CO R MUTH	2.04	1.69	83.10	2.04		Pitman Downer
Monroe Twp.	14901	10	1639 PITMAN-DOWNER RD	MUTH, NICHOLAS/CO R MUTH	6.90	6.03	87.49	6.90		Pitman Downer
Monroe Twp.	14901	44	PITMAN-DOWNER RD	MUTH, NICHOLAS F/CO R MUTH	5.82	5.03	86.42	5.82		Pitman Downer
Monroe Twp.	14901		PITMAN-DOWNER RD	MUTH, NICHOLAS F/CO R MUTH	5.89	5.38	91.28	5.89		Pitman Downer
Newfield Borough	402		MADISON AVE FAWN DR	EURO-AMERICAN FARMS KLEIN	32.66	22.54	69.03	32.66	100.00	
Newfield Borough	402	-	RT#40 ROSEMONT AVE	EURO-AMERICAN FARMS KLEIN	8.10	-		-		Pinelands South
Newfield Borough	700	24	504 CATAWBA AVE	ARCANGELI, FRED	18.68	13.52	72.36	17.84	95.50	Pinelands South
Newfield Borough	700		HUNTER DR (REAR)	PUSTIZZI,JOHN C.PUSTIZZI	20.24	-	-	-	-	Pinelands South
Newfield Borough	700		STOTESBURY AVE (REAR)	SORTINO, J J. PRICE	16.32	-	-	-	-	Pinelands South
South Harrison Twp.	1		FRANKLINVILLE RD	ABBONIZIO, CARL A	4.93	4.06	82.39	4.93		Raccoon Creek
South Harrison Twp.	1		FRANKLINVILLE RD	MACCHERONE, JOSEPH JR	1.52	1.52	100.00	1.52	100.00	Raccoon Creek
South Harrison Twp.	1		FRANKLINVILLE RD	MACCHERONE, JOSEPH JR	1.51	1.51	100.00	1.51	100.00	
South Harrison Twp.	1	9	460 FRANKLINVILLE RD	PICCIANO, ANTHONY J	5.55	4.61	83.15	5.55	100.00	Raccoon Creek

					Acres	cres Tillable Land		Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
South Harrison Twp.	2	3	FRANKLINVILLE RD	BENNY A SORBELLO FAMILY	23.02	22.90	99.48	23.02	100.00	Raccoon Creek
South Harrison Twp.	2	7	568 FRANKLINVILLE RD	WOITAS,GUNR K TAMARA	2.87	2.17	75.59	2.87	100.00	Raccoon Creek
South Harrison Twp.	3	2.10	SH-45	LAURIA, DANIEL A NINA	1.38	1.24	90.26	1.38	100.00	Raccoon Creek
South Harrison Twp.	3	6	1647 COMMISSIONERS RD	PETERSON, THOMAS	63.48	-	-	_	-	Raccoon Creek
South Harrison Twp.	3	15	714 FRANKLINVILLE RD	CORYELL, DONNA	9.75	7.42	76.06	9.57	98.15	Raccoon Creek
South Harrison Twp.	3	29	1818 SH-45	MAYERS, EDWARD SR MARIANNE	9.66	6.99	72.29	9.66	100.00	Raccoon Creek
South Harrison Twp.	4	14	507 FISLERVILLE RD	MAY, LEONARD M DIANE E	8.77	6.77	77.21	8.77	100.00	Raccoon Creek
South Harrison Twp.	4	25	471 FISLERVILLE RD	SEEDS, JOSEPH D PAULINE	5.77	4.54	78.67	5.77	100.00	Raccoon Creek
South Harrison Twp.	5	2	465 FRANKLINVILLE RD	WILLIAMSON, PHILLIP VIRGINIA L	7.08	5.57	78.69	7.08	100.00	Raccoon Creek
•	5	3	233 FRANKLINVILLE RD	MACCHERONE, SANTO J	0.27	0.27	100.00	0.27	100.00	Raccoon Creek
South Harrison Twp.	5	8.01	753 TOMLIN STATION RD	LOPES, FRANCIS J.	6.01	4.76	79.18	6.01	100.00	Raccoon Creek
	5	8.02	TOMLIN STATION RD	LOPES, JOSEPH S. RITA M.	11.38	10.85	95.39	11.38	100.00	Raccoon Creek
	5	9	SH-45	PEPLOWSKI, WALTER	14.61	10.79	73.84	14.61	100.00	Raccoon Creek
'	5	11	436 MONROEVILLE RD	FRANK RIZZI TRUST	130.05	90.15	69.31	109.00	83.81	Raccoon Creek
South Harrison Twp.	5	14	406 MONROEVILLE RD	SAILEY, V.K., M.D., C.M.	69.16	28.49	41.19	47.74	69.03	Raccoon Creek
'	5	27	FRANKLINVILLE RD	MACCHERONE, SANTO JOSEPH	5.50	5.50	100.00	5.50	100.00	Raccoon Creek
	6	1	FRANKLINVILLE RD	SORBELLO, JOSEPH SHIRLEY P	66.33	59.08	89.06	57.26	86.32	Raccoon Creek
'	6	1.01	638 TOMLIN STATION RD	MCBRIDE, JOHN T JR J.	7.52	7.48	99.55	7.52	100.00	Raccoon Creek
'	6	1.03	638 TOMLIN STATION RD	MCBRIDE, JOHN T JR J.	1.51	1.51	100.00	1.51	100.00	Raccoon Creek
'	6	6	SH-45	FOLEY, JAMES T	17.43	13.92	79.87	17.43	100.00	Raccoon Creek
	6	39	1657 SH-45	NUTT, DARREN S LISA C	6.23	4.68	75.09	6.23	100.00	Raccoon Creek
South Harrison Twp.	7	1	609 FRANKLINVILLE RD	SHOEMAKER, LESTER D	87.59	75.10	85.74	67.89	77.50	Raccoon Creek
South Harrison Twp.	7	1.01	452 LINCOLN MILL RD	SHOEMAKER, DAVID F	6.45	5.28	81.81	6.04	93.60	Raccoon Creek
South Harrison Twp.	7	8.01	641 FRANKLINVILLE RD	CABANA, WILLIAM J	10.05	7.19	71.50	8.13	80.83	Raccoon Creek
'	8	6	422 RICHWOOD RD	MARTINS, MARIA N	8.93	7.97	89.19	8.93	100.00	Raccoon Creek
	8	7	RICHWOOD RD	BILL, FRANK	38.26	37.62	98.33	38.26	100.00	Raccoon Creek
•	9	4	574 HARRISONVILLE RD	MARINO, SEBASTIAN J JACQUELINE M	84.26	75.36	89.45	76.39	90.67	Raccoon Creek
•	9	5	SH-45	PEPLOWSKI, WALTER J	67.64	64.78	95.76	51.37	75.95	Raccoon Creek
•	9	6	SH-45	MARINO, SEBASTIAN J JACQUELINE M	54.12	27.49	50.80	44.29	81.84	Raccoon Creek
	9	7	1543 SH-45	NIELSEN, GRACE E	11.26	11.25	99.95	11.26	100.00	Raccoon Creek
'	9	8	550 HARRISONVILLE RD	MARINO, HARRY J JR	42.63	39.70	93.12	31.19	73.15	Raccoon Creek
'	11	30	1060 MULLICA HILL RD	ZIRBSER, EDWARD J JR	8.33	8.33	99.98	7.88	94.56	Raccoon Creek
South Harrison Twp.	13	5	385 LINCOLN MILL RD	SUNNYBROOK NURSERY. INC	23.93	23.02	96.18	23.93	100.00	Raccoon Creek
South Harrison Twp.	13	5.02	LINCOLN MILL RD	SUNNYBROOK NURSERY INC	5.80	5.73	98.70	5.80	100.00	Raccoon Creek
South Harrison Twp.	14	6	COMMISSIONERS RD	CONTARINO, SALVATORE L	11.89	10.38	87.29	11.89	100.00	Raccoon Creek
South Harrison Twp.	14	6.01	1545 COMMISSIONERS RD	SICILIA. ANTONIO SERENELLA	11.91	11.25	94.47	11.91	100.00	Raccoon Creek
South Harrison Twp.	14	10	147 CEDAR GROVE RD	WOZNIAK, EDWARD G LILLIAN G	9.84	6.64	67.46	9.84	100.00	Raccoon Creek
South Harrison Twp.	14	12	374 LINCOLN MILL RD	CALABRO, JOSEPH MARIA A	9.92	7.02	70.70	9.92	100.00	Raccoon Creek
South Harrison Twp.	14	20	181 CEDAR GROVE RD	SIMMERMAN, H MARTIN PAMELA G	8.83	7.93	89.84	8.83	100.00	Raccoon Creek
South Harrison Twp.	14	24	163 CEDAR GROVE RD	WARREN, EDWARD O SR	9.00	7.26	80.62	9.00	100.00	Raccoon Creek
South Harrison Twp.	14	30.01	364 LINCOLN MILL RD	FERGUSON, JAMES J JR JUDY W	26.72	18.21	68.15	26.72	100.00	Raccoon Creek
South Harrison Twp.	14	30.03	LINCOLN MILL RD	MITRIONE, MICHAEL DIANE	1.52	1.52	100.00	1.52	100.00	Raccoon Creek
South Harrison Twp.	14	30.04	LINCOLN MILL RD	MITRIONE, MICHAEL DIANE	3.13	3.13	100.00	3.13	100.00	Raccoon Creek

					Acres Tillable Land		Agricul	tural Soils		
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
South Harrison Twp.	14	30.05	LINCOLN MILL RD	MITRIONE, MICHAEL DIANE	7.04	6.39	90.69	7.04	100.00	Raccoon Creek
South Harrison Twp.	14	31	125 CEDAR GROVE RD	CATTAIL	30.77	26.50	86.13	30.77	100.00	Raccoon Creek
South Harrison Twp.	14	32	380 LINCOLN MILL RD	PIETRZAK, EDWARD J	10.18	5.80	56.95	10.18	100.00	Raccoon Creek
South Harrison Twp.	15	3	342 FERRELL RD	COUGHLIN, HAROLD B JOAN E	17.96	15.14	84.29	17.96	100.00	Raccoon Creek
South Harrison Twp.	15	12	FRANKLINVILLE RD	C.L.F. @ ROBERT POSERINA	143.09	70.88	49.54	123.56	86.35	Raccoon Creek
South Harrison Twp.	15	17	422 FERRELL RD	HANDY, WESLEY RESA A	15.12	7.78	51.46	15.12	100.00	Raccoon Creek
South Harrison Twp.	15	26	372 FERRELL RD	EDER, E @ RICHARD MARTIN	9.20	8.46	91.92	9.20	100.00	Raccoon Creek
South Harrison Twp.	15	46.02	1580 COMMISSIONERS RD	PARKER, GLENN LISA G	1.15	1.11	96.86	1.15	100.00	
South Harrison Twp.	15	91	FRANKLINVILLE RD	C.L.F. @ ROBERT POSERINA	33.51	27.92	83.30	29.66	88.50	Raccoon Creek
South Harrison Twp.	15	93	FERRELL RD	COUGHLIN, HAROLD B	1.61	1.61	100.00	1.61	100.00	Raccoon Creek
South Harrison Twp.	15	120	RT 581	LAPALOMENTO, JOHN R	6.84	5.50	80.38	5.58	81.58	Raccoon Creek
South Harrison Twp.	17	5	OLDMANS CREEK RD	BLACK'S DAIRY FARM	26.94	26.94	100.00	26.94	100.00	Raccoon Creek
South Harrison Twp.	17	7	VESTRY RD	SICKLER, JENNIFER JOSEPH	5.89	5.21	88.45	4.81	81.74	Raccoon Creek
South Harrison Twp.	17	8	32 VESTRY RD	MARINO, RUSSELL J JUDITH G	37.29	35.46	95.09	37.29	99.98	
South Harrison Twp.	17	10	VESTRY RD	BLACK'S DAIRY FARM	0.95	0.95	100.00	0.95	100.00	Raccoon Creek
South Harrison Twp.	17	17	32 VESTRY RD	MARINO, RUSSELL J JUDITH G	10.23	10.03	98.02	10.23	100.00	Raccoon Creek
South Harrison Twp.	18	1	VESTRY RD	MARINO, RUSSELL J JUDITH G	91.13	47.07	51.65	52.89	58.04	Raccoon Creek
South Harrison Twp.	18	2	79 VESTRY RD	AMERICAN TOWER ASSET SUB	97.84	84.39	86.26	86.64	88.56	Raccoon Creek
South Harrison Twp.	18	3.01	107 VESTRY RD	SOLOMON. LEONARD H	17.91	11.35	63.35	14.21	79.32	Raccoon Creek
South Harrison Twp.	19	3	1401 SH-45	BROWN, DANIEL J HEAR L S	10.67	8.05	75.44	10.67	100.00	-
South Harrison Twp.	20	2	642 HARRISONVILLE RD	TOMARCHIO, ANGELINA, SEBASTIANO	124.76	115.99	92.97	124.76	100.00	Raccoon Creek
South Harrison Twp.	20	3	1564 SH-45	WADE, DAVID J SHARON	7.37	7.16	97.16	7.37	100.00	
South Harrison Twp.	20	3.03	SH-45	HIGH STREAM FARMS LLC	32.11	29.44	91.68	26.10	81.30	Raccoon Creek
South Harrison Twp.	20	4	948 MULLICA HILL RD	HORNER, W KIRK	27.62	26.89	97.34	27.61	99.95	
South Harrison Twp.	20	5	918 MULLICA HILL RD	HORNER, W. KIRK	4.55	4.50	99.00	4.55	100.00	
South Harrison Twp.	20	7	RT 668	STRING, ALVIN W JR	20.04	19.96	99.56	20.04	100.00	-
South Harrison Twp.	24	73	RT 694	STEAGER, BRIAN E	10.35	5.94	57.40	10.35	100.00	
South Harrison Twp.	28	2	750 ELDRIDGES HILL RD	STRING, ALVIN W JR	9.68	9.43	97.39	9.68	100.00	
South Harrison Twp.	28	9	SH-45	DIOCESE OF CAMDEN	39.40	24.32	61.73	38.33	97.28	Raccoon Creek
South Harrison Twp.	28	11	RT 668	TOMARCHIO, SEBASTIANO J&J.	42.94	36.17	84.22	42.94	100.00	Raccoon Creek
South Harrison Twp.	28	26	772 ELDRIDGES HILL RD	HACKETT, RAYMOND W JR	1.75	1.74	99.55	1.75	100.00	
South Harrison Twp.	28	31	RT 668	TOMARCHIO, SEBASTIANO J.	2.94	2.81	95.61	2.94	100.00	
South Harrison Twp.	29	4	747 ELDRIDGES HILL RD	STRING, ALVIN W JR	36.52	23.54	64.45	26.12	71.51	Raccoon Creek
South Harrison Twp.	31	8	1 FERRELL RD	STRING, ALVIN JR	19.93	17.03	85.47	18.26	91.64	Raccoon Creek
South Harrison Twp.	32	3	LINCOLN MILL RD	SPARKS, RICHARD D JR JOHN S	15.65	11.02	70.39	11.16	71.30	Raccoon Creek
South Harrison Twp.	32	3.01	LINCOLN MILL RD	MALIGNAGGI, CARMEN A	15.63	9.23	59.09	15.63	100.00	Raccoon Creek
South Harrison Twp.	32	3.02	82 LINCOLN MILL RD	MERIGHI, MILFORD A	15.59	9.88	63.35	15.59	100.00	
South Harrison Twp.	32	4	LINCOLN MILL RD	HUGGINS, WILLIAM W	29.47	24.12	81.84	29.47	100.00	Raccoon Creek
Washington Twp.	82.21	29.04	244 CHAPEL HEIGHTS RD	KANDLE LAND ASSOCIATES LLC	0.80	0.66	82.58	0.80		Chapel Heights
Washington Twp.	82.21	29.05	246 CHAPEL HEIGHTS RD	KANDLE LAND ASSOCIATES LLC	0.66	0.66	100.00	0.66		Chapel Heights
Washington Twp.	198	11	455 HURFFVILLE-GRNLCH RD	CHEW, DAVID E KIM A	9.72	6.90	71.02	6.64		Washington North
Washington Twp.	198	12.06	449 HURFFVILLE-GRNLCH RD	TAYLOR, KEITH SUSAN	5.99	5.06	84.39	5.88		Washington North
West Deptford Twp.	326	5	TILDEN RD	HAMEL, ANN B.D. JAMES J.	25.46	15.07	59.21	19.88		RepaupoMantuaCrk

							Acres	Tillab	le Land	Agricul	tural Soils	
West Depfford Twp.   352   3	nicipality B	lock Lot	Block	Property Address		Owner's Name		Acres	Percent	Acres	Percent	Project Area
West Deptford Twp.   354   2	st Deptford Twp. 3	50.03 45.	350.03	KINGS HWY PARAD	ISE RD	COLONIAL PIPELINE CO JOHN SAPP	18.47	16.77	90.80	18.47	100.00	RepaupoMantuaCrk
West Deptford Twp.   354   3	st Deptford Twp. 3	52 3	352	OFF JESSUP RD		DE HART, WILLIAM C MARY ELLEN	24.48	17.71	72.36	20.02	81.79	RepaupoMantuaCrk
West Deptford Twp.   374   3.22   OGDEN STATION RD   KINGS GROVE GROUP   1   2   2250 OLDMANS CREEK RD   HOMESTEAD II LLC   78.61   52.01   66.16   73.70   93.76   Oldman Vision   1   3   2200 OLDMANS CREEK RD   HOMESTEAD II LLC   78.61   52.01   66.16   73.70   93.76   Oldman Vision   1   3   2200 OLDMANS CREEK RD   MACCARONE, SUSAN   126.20   94.63   74.98   105.46   83.56   Oldman Vision   1   1   10.50   75.01   OLDMANS CREEK RD   SORBELLO, THOMAS A   29.13   19.59   67.25   20.92   71.81   Oldman Vision   1   1   1   6   20.36 OLDMANS CREEK RD   VS WOOLWICH, INC.   205.91   56.98   27.67   163.10   79.21   Oldman Vision   1   1   1   1   1   1   1   1   1	st Deptford Twp. 3	54 2	354	JESSUP RD		MOORE, HENRIETTA M KATHRYN B	4.64	4.46	96.01	4.64	100.00	RepaupoMantuaCrk
West Deptford Twp.   374   3.22   OGDEN STATION RD   KINGS GROVE GROUP   5.03   3.90   77.67   5.03   100.00   Repaugi Woolwich Twp.   1   2   2250 OLDMANS CREEK RD   HOMESTEAD II LLC   78.61   52.01   66.16   73.70   93.76   Oldman Woolwich Twp.   1   3   2200 OLDMANS CREEK RD   MACCARONE, SUSAN   126.20   94.63   74.98   105.46   83.56   Oldman Woolwich Twp.   1   5.01   OLDMANS CREEK RD   SORBELLO, THOMAS A   29.13   19.59   67.25   20.92   71.81   Oldman Woolwich Twp.   1   6   2036 OLDMANS CREEK RD   VS WOOLWICH, INC.   205.91   56.98   27.67   163.10   79.21   Oldman Woolwich Twp.   1   8   1998 OLDMANS CREEK RD   RIZZI, FRANCESCO A JOSEPH H JR   126.97   92.43   72.80   110.52   87.04   Oldman Woolwich Twp.   1   11   1958 OLDMANS CREEK RD   MAUGERI FARMS LLC   10.50   7.76   73.96   10.50   100.00   Oldman Woolwich Twp.   2   10   1355 AUBURN RD   WMP REALTY CO.   77.46   55.19   71.25   76.18   98.34   Oldman Woolwich Twp.   2   11   1911 OLDMANS CREEK RD   MWP REALTY CO.   11.11   11.11   100.00   11.11   100.00   Oldman Woolwich Twp.   2   12   1991 OLDMANS CREEK RD   MAUGERI FARMS LLC   93.62   68.74   73.43   76.06   81.24   Oldman Woolwich Twp.   2   13   2063 OLDMANS CREEK RD   MAUGERI FARMS LLC   93.62   68.74   73.43   76.06   81.24   Oldman Woolwich Twp.   2   13   2063 OLDMANS CREEK RD   MOUGERI FARMS LLC   93.62   68.74   73.43   76.06   81.24   Oldman Woolwich Twp.   2   15   2157 OLDMANS CREEK RD   SORBELLO, THOMAS A   15.59   15.59   100.00   15.59   100.00   Oldman Woolwich Twp.   2   15   2157 OLDMANS CREEK RD   SORBELLO, THOMAS A   15.59   15.59   100.00   15.59   100.00   Oldman Woolwich Twp.   2   18   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   84.94   30.06   32.22   49.15   71.75   Oldman Woolwich Twp.   2   18   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   84.94   30.06   32.22   49.15   71.75   Oldman Woolwich Twp.   2   31.00 AWG REEK RD   SORBELLO, THOMAS A   34.94   34.94   34.94   34.94   34.94   34.94   34.94   34.94   34.94   34.94   34.94   34.94   34.94   34.94   34.9	st Deptford Twp. 3	54 3	354	JESSUP RD		MOORE, HENRIETTA M KATHRYN B	1.53	1.46	95.75	1.39	91.04	RepaupoMantuaCrk
Woolwich Twp.   1   2   2550 OLDMANS CREEK RD   HOMESTEAD II LLC   78.61   52.01   66.16   73.70   93.76   Oldman Woolwich Twp.   1   3   3.220 OLDMANS CREEK RD   MACCARONE, SUSAN   126.20   94.63   74.98   105.46   83.56   Oldman Woolwich Twp.   1   5.01   OLDMANS CREEK RD   SORBELLO, THOMAS A   29.13   19.59   67.25   20.92   71.81   Oldman Woolwich Twp.   1   6   2036 OLDMANS CREEK RD   SORBELLO, THOMAS A   29.13   19.59   67.25   20.92   71.81   Oldman Woolwich Twp.   1   8   1998 OLDMANS CREEK RD   RIZZI, FRANCESCO A JOSEPH H JR   126.97   92.43   72.80   10.50   77.66   73.96   10.50   10.50   77.66   73.96   10.50   10.50   10.50   10.00   Oldman Woolwich Twp.   1   11   1958 OLDMANS CREEK RD   MAUGERI FARMS LLC   10.50   77.46   77.45   71.25   76.18   98.34   Oldman Woolwich Twp.   2   11   1911 OLDMANS CREEK RD   MAUGERI FARMS LLC   93.62   88.74   73.43   76.06   81.24   Oldman Woolwich Twp.   2   12   1991 OLDMANS CREEK RD   MAUGERI FARMS LLC   93.62   88.74   73.43   76.06   81.24   Oldman Woolwich Twp.   2   13   2063 OLDMANS CREEK RD   NICOLOSI BROS   83.74   77.02   91.98   78.04   93.19   Oldman Woolwich Twp.   2   14   2101 OLDMANS CREEK RD   SORBELLO, THOMAS A   15.59   10.00   15.59   10.00   Oldman Woolwich Twp.   2   16   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldman Woolwich Twp.   2   16   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldman Woolwich Twp.   2   16   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldman Woolwich Twp.   2   16   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldman Woolwich Twp.   2   18   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldman Woolwich Twp.   2   18   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldman Woolwich Twp.   2   16   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   7					D	-					100.00	RepaupoMantuaCrk
Woolwich Twp.	olwich Twp. 1	2	1	2250 OLDMANS CR	EEK RD	HOMESTEAD II LLC		52.01	66.16	73.70	93.76	Oldmans Creek
Woolwich Twp.   1   5.01   OLDMANS CREEK RD   SORBELLO, THOMAS A   29.13   19.59   67.25   20.92   71.81   Oldmar   Woolwich Twp.   1   6   2036 OLDMANS CREEK RD   VS WOOLWICH, INC.   205.91   56.98   27.67   163.10   79.21   Oldmar   Woolwich Twp.   1   8   1998 OLDMANS CREEK RD   RIZZI, FRANCESCO A JOSEPH H JR   126.97   92.43   72.80   110.52   87.04   Oldmar   Woolwich Twp.   1   111   1958 OLDMANS CREEK RD   MAUGERI FARMS LLC   10.50   77.6   73.96   10.50   100.00   Oldmar   Woolwich Twp.   2   10   1355 AUBURN RD   WMP REALTY CO.   11.11   11.11   100.00   Oldmar   Woolwich Twp.   2   11   1911 OLDMANS CREEK RD   WMP REALTY CO.   11.11   11.11   100.00   Oldmar   Woolwich Twp.   2   12   1991 OLDMANS CREEK RD   MAUGERI FARMS LLC   93.62   68.74   73.43   76.06   81.24   Oldmar   Woolwich Twp.   2   13   2063 OLDMANS CREEK RD   MAUGERI FARMS LLC   93.62   68.74   77.02   91.98   78.04   93.19   Oldmar   Woolwich Twp.   2   14   2101 OLDMANS CREEK RD   NICOLOSI BROS   83.74   77.02   91.98   78.04   93.19   Oldmar   Woolwich Twp.   2   15   2157 OLDMANS CREEK RD   SORBELLO, THOMAS A   15.59   100.00   15.59   100.00   Oldmar   Woolwich Twp.   2   16   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldmar   Woolwich Twp.   2   18.02   1332 TOWNSHIP LINE RD   NANKERVIS, VERNA ET AL   1.54   1.54   100.00   28.43   100.00   Oldmar   Woolwich Twp.   2   23   1310 TOWNSHIP LINE RD   DESTEFANO, EDWARD KATHLINE   53.36   26.10   48.89   47.28   88.57   Oldmar   Woolwich Twp.   7   2   225 LOCKE AVE.   GATTUSO LAND INC.   58.43   29.48   50.45   47.67   81.58   Woolwich Twp.   11   1   341 STONE MEETING HOUSE RI MACCARONE, SAMUEL   34.21   33.42   37.71   62.36   42.17   94.91   Oldmar   Woolwich Twp.   11   2   271 US 322   CEDARVALE FAMILY LIMITED   32.66   33.39   35.91   34.90   34.21   00.00   Oldmar   Woolwich Twp.   13   349 STONE MEETING HOUSE RI MACCARONE, SAMUEL   34.21   34.33   24.21   34.33   34.21   34.33   34.21   34.33   34.21   34.33   34.34   34.33   34.34	olwich Twp. 1	3	1	2200 OLDMANS CR	EEK RD	MACCARONE, SUSAN	126.20	94.63	74.98	105.46	83.56	Oldmans Creek
Woolwich Twp.		5.0	1	OLDMANS CREEK F	RD	SORBELLO, THOMAS A		19.59	67.25	20.92	71.81	Oldmans Creek
Woolwich Twp.   1   8   1998 OLDMANS CREEK RD   RIZZI, FRANCESCO A JOSEPH H JR   126.97   92.43   72.80   10.52   87.04   Oldmar   Woolwich Twp.   1   11   1958 OLDMANS CREEK RD   MAUGERI FARMS LLC   10.50   7.76   73.96   10.50   100.00   Oldmar   Woolwich Twp.   2   10   1355 AUBURN RD   WMP REALTY CO.   77.46   55.19   71.25   76.18   99.34   Oldmar   Woolwich Twp.   2   11   1911 OLDMANS CREEK RD   WMP REALTY CO.   11.11   11.11   100.00   11.11   100.00   Oldmar   Woolwich Twp.   2   13   2063 OLDMANS CREEK RD   MAUGERI FARMS LLC   93.62   68.74   73.43   76.06   81.24   Oldmar   Woolwich Twp.   2   14   2101 OLDMANS CREEK RD   NICOLOSI BROS   83.74   77.02   91.98   77.04   91.99   Oldmar   Woolwich Twp.   2   15   2157 OLDMANS CREEK RD   SORBELLO, THOMAS A   15.59   15.59   100.00   15.59   100.00   Oldmar   Woolwich Twp.   2   16   2273 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldmar   Woolwich Twp.   2   18.02   1332 TOWNSHIP LINE RD   NANKERVIS, VERNA ET AL   1.54   1.54   1.00.00   1.54   100.00   Oldmar   Woolwich Twp.   2   18.02   1332 TOWNSHIP LINE RD   DAYBREAK FAMILY LIMITED   33.65   19.33   59.18   24.27   74.33   Oldmar   Woolwich Twp.   3   6   140 HIGH HILL RD   DAYBREAK FAMILY LIMITED   33.65   19.33   59.18   24.27   74.33   Oldmar   Woolwich Twp.   11   2   225 LOCKE AVE.   GATTUSO LAND INC.   58.43   29.48   50.45   47.67   81.58   Oldmar   Woolwich Twp.   11   2   310 OAK GROVE RD   NAR FARMS LLC   T.74   40.54   40.00   Oldmar   Woolwich Twp.   11   2   2271 US 322   CEDARVALE FAMILY LTD PARTNER.   44.43   27.71   62.36   42.17   94.91   Oldmar   Woolwich Twp.   13   2.02   439 OAK GROVE RD   VIERECK, LARRY E DAVID W   11.79   10.52   89.20   11.79   10.00   Oldmar   Woolwich Twp.   13   2.02   439 OAK GROVE RD   VIERECK, LARRY E DAVID W   11.79   10.52   89.20   11.79   10.00   Oldmar   Woolwich Twp.   13   5   386 PAULSBORO RD   EASTLACK, CONCETTA   9.26   7.20   77.77   9.26   10.00   Oldmar   Woolwich Twp.   13   5   386 PAULSBORO RD   SAT	olwich Twp. 1	6	1	2036 OLDMANS CR	EEK RD	VS WOOLWICH, INC.	205.91	56.98	27.67	163.10	79.21	Oldmans Creek
Woolwich Twp.	•	8	1									Oldmans Creek
Woolwich Twp.   2   10   1355 AUBURN RD   WMP REALTY CO.   77.46   Woolwich Twp.   2   11   1911 OLDMANS CREEK RD   WMP REALTY CO.   11.11   11.11   100.00   Oldmar   100.0	olwich Twp. 1	11	1	1958 OLDMANS CR	EEK RD	•			73.96		100.00	Oldmans Creek
Woolwich Twp.   2	olwich Twp. 2	10	2	1355 AUBURN RD		WMP REALTY CO.		55.19	71.25		98.34	Oldmans Creek
Woolwich Twp.   2   12   1991 OLDMANS CREEK RD   MAUGERI FARMS LLC   93.62   68.74   73.43   76.06   81.24   Oldmar Woolwich Twp.   2   13   2063 OLDMANS CREEK RD   NICOLOSI BROS   83.74   77.02   91.98   78.04   93.19   Oldmar Woolwich Twp.   2   14   2101 OLDMANS CREEK RD   SORBELLO, THOMAS A   15.59   100.00   15.59   100.00   Oldmar Woolwich Twp.   2   15   2157 OLDMANS CREEK RD   SORBELLO, THOMAS A   68.49   43.30   63.22   49.15   71.75   Oldmar Woolwich Twp.   2   16   2273 OLDMANS CREEK RD   CJR REALTY CO   28.43   19.70   69.30   28.43   100.00   Oldmar Woolwich Twp.   2   18.02   1332 TOWNSHIP LINE RD   NANKERVIS, VERNA ET AL   1.54   1.54   100.00   1.54   100.00   Oldmar Woolwich Twp.   2   23   1310 TOWNSHIP LINE RD   DAYBREAK FAMILY LIMITED   32.65   19.33   59.18   24.27   74.33   Oldmar Woolwich Twp.   7   2   225 LOCKE AVE.   GATTUSO LAND INC.   58.43   42.21   33.42   97.69   34.21   100.00   Oldmar Woolwich Twp.   11   2   310 OAK GROVE RD   NAR FARMS LLC   17.43   10.95   62.83   39.95   0ldmar Woolwich Twp.   11   21   2271 US 322   CEDARVALE FAMILY LID PARTNER.   44.43   27.71   62.36   46.33   99.57   Oldmar Woolwich Twp.   13   2   51 VIERECK RD   CLENDENING, JEAN V   53.79   44.33   82.42   53.79   100.00   Oldmar Woolwich Twp.   13   2   51 VIERECK RD   CLENDENING, JEAN V   53.79   43.30   34.95 FONDE MEETING HOUSE R RACCIRC, LARRY E DAVID W   17.90   19.54   48.30   49.95   46.33   99.57   Oldmar Woolwich Twp.   13   2   51 VIERECK RD   CLENDENING, JEAN V   53.79   43.30   43.95 FONDE MEETING HOUSE R RACCIRC, DOISING JEAN V   53.79   43.30   43.95 FONDE MEETING HOUSE R RACCIRC, DOISING JEAN V   53.79   43.30   43.95 FONDE MEETING HOUSE R RACCIRC, DOISING JEAN V   53.79   43.30   43.95 FONDE MEETING HOUSE R RACCIRC, DOISING JEAN V   53.79   43.30   43.95 FONDE MEETING HOUSE R RACCIRC, DOISING JEAN V   53.79   43.30   43.95 FONDE MEETING HOUSE R RACCIRC, DOISING JEAN V   53.79   43.30   43.95 FONDE MEETING HOUSE R RACCIRC, DOISING JEAN V   53.79   43.30   43.95 FONDE MEETING HOUSE R R					EEK RD						100.00	Oldmans Creek
Woolwich Twp.   2		12				MAUGERI FARMS LLC		68.74	73.43	76.06	81.24	Oldmans Creek
Woolwich Twp.   2		13		2063 OLDMANS CR	EEK RD.			77.02		78.04	93.19	Oldmans Creek
Woolwich Twp.   2   15   2157 OLDMANS CREEK RD.   SORBELLO, THOMAS A   68.49   Woolwich Twp.   2   16   2273 OLDMANS CREEK RD.   CJR REALTY CO   28.43   19.70   69.30   28.43   100.00   Oldmar   Woolwich Twp.   2   18.02   1332 TOWNSHIP LINE RD   NANKERVIS, VERNA ET AL   1.54   100.00   1.54   100.00   1.54   100.00   Oldmar   Woolwich Twp.   2   23   1310 TOWNSHIP LINE RD.   DESTEFANO, EDWARD KATHLINE   53.38   26.10   48.89   47.28   88.57   Woolwich Twp.   3   6   140 HIGH HILL RD   DAYBREAK FAMILY LIMITED   32.65   19.33   59.18   24.27   74.33   Oldmar   Woolwich Twp.   7   2   225 LOCKE AVE.   GATTUSO LAND INC.   58.43   29.48   50.45   47.67   81.58   Oldmar   Woolwich Twp.   11   1   341 STONE MEETING HOUSE R MACCARONE, SAMUEL   34.21   33.42   97.69   34.21   100.00   Oldmar   Woolwich Twp.   11   21   2271 US 322   CEDAVALE FAMILY LTD PARTNER.   44.43   27.71   62.36   42.17   94.91   Oldmar   Woolwich Twp.   12   6   110 VIERECK RD   VIERECK, LARRY E DAVID W   46.54   46.18   99.25   46.33   99.57   Oldmar   Woolwich Twp.   13   2   51 VIERECK RD   VIERECK, LARRY E DAVID W   11.79   10.52   89.20   11.79   10.00   Oldmar   Woolwich Twp.   13   3   489 STONE MEETING HOUSE R RACITE, DOMINIC   19.54   18.20   93.13   19.54   100.00   Oldmar   Woolwich Twp.   13   4   527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH   17.06   100.00   Oldmar   Woolwich Twp.   13   5   386 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   C.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL												Oldmans Creek
Woolwich Twp.   2   16   2273 OLDMANS CREEK RD.   CJR REALTY CO   28.43   19.70   69.30   28.43   100.00   Oldmar   Woolwich Twp.   2   18.02   1332 TOWNSHIP LINE RD   NANKERVIS, VERNA ET AL   1.54   100.00   1.54   100.00   Oldmar   Woolwich Twp.   2   23   1310 TOWNSHIP LINE RD.   DESTEFANO, EDWARD KATHLINE   53.38   26.10   48.89   47.28   88.57   Oldmar   Woolwich Twp.   7   2   225 LOCKE AVE.   GATTUSO LAND INC.   58.43   29.48   50.45   47.67   81.58   Oldmar   Woolwich Twp.   11   1   341 STONE MEETING HOUSE R MACCARONE, SAMUEL   34.21   33.42   97.69   34.21   100.00   Oldmar   Woolwich Twp.   11   21   2271 US 322   CEDARVALE FAMILY LID PARTNER.   44.43   27.71   62.36   42.17   94.91   Oldmar   Woolwich Twp.   12   6   110 VIERECK RD   VIERECK, LARRY E DAVID W   46.54   46.18   99.25   46.33   99.57   Oldmar   Woolwich Twp.   13   2   51 VIERECK RD   VIERECK, LARRY E DAVID W   11.79   10.52   89.20   11.79   100.00   Oldmar   Woolwich Twp.   13   489 STONE MEETING HOUSE R RACITE, DOMINIC   19.54   18.20   93.13   19.54   100.00   Oldmar   Woolwich Twp.   13   5   386 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   13   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldm		15				,					71.75	Oldmans Creek
Woolwich Twp.         2         18.02         1332 TOWNSHIP LINE RD         NANKERVIS, VERNA ET AL         1.54         100.00         1.54         100.00         Oldmar           Woolwich Twp.         2         23         1310 TOWNSHIP LINE RD.         DESTEFANO, EDWARD KATHLINE         53.38         26.10         48.89         47.28         88.57         Oldmar           Woolwich Twp.         3         6         140 HIGH HILL RD         DAYBREAK FAMILY LIMITED         32.65         19.33         59.18         24.27         74.33         Oldmar           Woolwich Twp.         7         2         225 LOCKE AVE.         GATTUSO LAND INC.         58.43         34.21         33.42         97.69         34.21         100.00         Oldmar           Woolwich Twp.         11         1         341 STONE MEETING HOUSE R MCCARONE, SAMUEL         34.21         33.42         97.69         34.21         100.00         Oldmar           Woolwich Twp.         11         2         310 OAK GROVE RD         NAR FARMS LLC         17.43         30.95         62.83         13.99         80.26         Oldmar           Woolwich Twp.         11         21         2271 US 322         CEDARVALE FAMILY LTD PARTNER.         44.43         27.71         62.36         42.17<		-										Oldmans Creek
Woolwich Twp.   2   23   1310 TOWNSHIP LINE RD.   DESTEFANO, EDWARD KATHLINE   53.38   26.10   48.89   47.28   88.57   Woolwich Twp.   3   6   140 HIGH HILL RD   DAYBREAK FAMILY LIMITED   32.65   19.33   59.18   24.27   74.33   Oldmar   Woolwich Twp.   7   2   225 LOCKE AVE.   GATTUSO LAND INC.   58.43   29.48   50.45   47.67   81.58   Oldmar   Woolwich Twp.   11   1   341 STONE MEETING HOUSE R   MACCARONE, SAMUEL   34.21   33.42   97.69   34.21   100.00   Oldmar   Woolwich Twp.   11   2   2271 US 322   CEDARVALE FAMILY LTD PARTNER.   Woolwich Twp.   12   6   110 VIERECK RD   VIERECK, LARRY E DAVID W   46.54   46.18   99.25   46.33   99.57   Oldmar   Woolwich Twp.   13   2   51 VIERECK RD   VIERECK, LARRY E DAVID W   44.33   82.42   53.79   100.00   Oldmar   Woolwich Twp.   13   3   489 STONE MEETING HOUSE R RACITE, DOMINIC   Moolwich Twp.   13   4   527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH   17.06   17.06   17.06   100.00   Oldmar   Woolwich Twp.   13   5   386 PAULSBORO RD   EASTLACK, CONCETTA   92.61   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL FARMS @ C EASTLACK   6.57   6.29   95.86   6.57   100.00   Oldmar   Woolwich Twp.   14   5   369 PAULSBORO RD   SANDY HILL												Oldmans Creek
Woolwich Twp.         3         6         140 HIGH HILL RD         DAYBREAK FAMILY LIMITED         32.65         19.33         59.18         24.27         74.33         Oldmar Oldmar           Woolwich Twp.         7         2         225 LOCKE AVE.         GATTUSO LAND INC.         58.43         29.48         50.45         47.67         81.58         Oldmar           Woolwich Twp.         11         1         341 STONE MEETING HOUSE R MACCARONE, SAMUEL         34.21         33.42         97.69         34.21         100.00         Oldmar           Woolwich Twp.         11         2         310 OAK GROVE RD         NAR FARMS LLC         17.43         10.95         62.83         13.99         80.26         Oldmar           Woolwich Twp.         11         21         2271 US 322         CEDARVALE FAMILY LTD PARTNER.         44.43         27.71         62.36         42.17         94.91         Oldmar           Woolwich Twp.         12         6         110 VIERECK RD         VIERECK, LARRY E DAVID W         46.54         46.18         99.25         46.33         99.57         Oldmar           Woolwich Twp.         13         2         51 VIERECK RD         VIERECK, LARRY E DAVID W         117.79         10.52         89.20         111.79						•						Oldmans Creek
Woolwich Twp.         7         2         225 LOCKE AVE.         GATTUSO LAND INC.         58.43         29.48         50.45         47.67         81.58         Oldmar Oldmar           Woolwich Twp.         11         1         341 STONE MEETING HOUSE R MACCARONE, SAMUEL         34.21         33.42         97.69         34.21         100.00         Oldmar           Woolwich Twp.         11         2         310 OAK GROVE RD         NAR FARMS LLC         17.43         10.95         62.83         13.99         80.26         Oldmar           Woolwich Twp.         11         21         2271 US 322         CEDARVALE FAMILY LTD PARTNER.         44.43         27.71         62.36         42.17         94.91         Oldmar           Woolwich Twp.         12         6         110 VIERECK RD         VIERECK, LARRY E DAVID W         46.18         99.25         46.33         99.57         Oldmar           Woolwich Twp.         13         2         51 VIERECK RD         VIERECK, LARRY E DAVID W         11.79         10.52         89.20         11.79         100.00         Oldmar           Woolwich Twp.         13         3         489 STONE MEETING HOUSE R RACITE, DOMINIC         19.54         18.20         93.13         19.54         100.00         Oldmar </td <td></td> <td>_</td> <td></td> <td></td> <td></td> <td>- ,</td> <td></td> <td></td> <td></td> <td></td> <td>74.33</td> <td>Oldmans Creek</td>		_				- ,					74.33	Oldmans Creek
Woolwich Twp.         11         1         341 STONE MEETING HOUSE R MACCARONE, SAMUEL         34.21         33.42         97.69         34.21         100.00         Oldmar Oldmar Oldmar           Woolwich Twp.         11         2         310 OAK GROVE RD         NAR FARMS LLC         17.43         10.95         62.83         13.99         80.26         Oldmar Oldmar           Woolwich Twp.         11         21         2271 US 322         CEDARVALE FAMILY LTD PARTNER.         44.43         27.71         62.36         42.17         94.91           Woolwich Twp.         12         6         110 VIERECK RD         VIERECK, LARRY E DAVID W         46.54         46.18         99.25         46.33         99.57         Oldmar           Woolwich Twp.         13         2         51 VIERECK RD         VIERECK, LARRY E DAVID W         11.79         10.52         89.20         11.79         100.00         Oldmar           Woolwich Twp.         13         3         489 STONE MEETING HOUSE R RACITE, DOMINIC         19.54         18.20         93.13         19.54         100.00         Oldmar           Woolwich Twp.         13         4         527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH         17.06         17.06         100.00         17.06         100.00	'											Oldmans Creek
Woolwich Twp.         11         2         310 OAK GROVE RD         NAR FARMS LLC         17.43         10.95         62.83         13.99         80.26         Oldmar Oldmar           Woolwich Twp.         11         21         2271 US 322         CEDARVALE FAMILY LTD PARTNER.         44.43         27.71         62.36         42.17         94.91         Oldmar           Woolwich Twp.         12         6         110 VIERECK RD         VIERECK, LARRY E DAVID W         46.54         46.18         99.25         46.33         99.57         Oldmar           Woolwich Twp.         13         2         51 VIERECK RD         CLENDENING, JEAN V         53.79         44.33         82.42         53.79         100.00         Oldmar           Woolwich Twp.         13         2.02         439 OAK GROVE RD         VIERECK, LARRY E DAVID W         11.79         10.52         89.20         11.79         100.00         Oldmar           Woolwich Twp.         13         3         489 STONE MEETING HOUSE R RACITE, DOMINIC         18.20         93.13         19.54         100.00         Oldmar           Woolwich Twp.         13         4         527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH         17.06         100.00         17.06         100.00         Oldmar			11		IG HOUSE					-		Oldmans Creek
Woolwich Twp.         11         21         2271 US 322         CEDARVALE FAMILY LTD PARTNER.         44.43         27.71         62.36         42.17         94.91         Oldmar Oldmar Oldmar           Woolwich Twp.         12         6         110 VIERECK RD         VIERECK, LARRY E DAVID W         46.54         46.18         99.25         46.33         99.57         Oldmar Oldmar           Woolwich Twp.         13         2         51 VIERECK RD         CLENDENING, JEAN V         53.79         44.33         82.42         53.79         100.00         Oldmar           Woolwich Twp.         13         2.02         439 OAK GROVE RD         VIERECK, LARRY E DAVID W         11.79         10.52         89.20         11.79         100.00         Oldmar           Woolwich Twp.         13         3         489 STONE MEETING HOUSE R RACITE, DOMINIC         19.54         18.20         93.13         19.54         100.00         Oldmar           Woolwich Twp.         13         4         527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH         17.06         17.06         100.00         17.06         100.00         Oldmar           Woolwich Twp.         13         5         386 PAULSBORO RD         ST CLARE OF ASSISI PARISH         26.13         26.13         100.00												Oldmans Creek
Woolwich Twp.         12         6         110 VIERECK RD         VIERECK, LARRY E DAVID W         46.54         46.18         99.25         46.33         99.57         Oldmar           Woolwich Twp.         13         2         51 VIERECK RD         CLENDENING, JEAN V         53.79         44.33         82.42         53.79         100.00         Oldmar           Woolwich Twp.         13         2.02         439 OAK GROVE RD         VIERECK, LARRY E DAVID W         11.79         10.52         89.20         11.79         100.00         Oldmar           Woolwich Twp.         13         3         489 STONE MEETING HOUSE R RACITE, DOMINIC         19.54         18.20         93.13         19.54         100.00         Oldmar           Woolwich Twp.         13         4         527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH         17.06         17.06         100.00         17.06         100.00         Oldmar           Woolwich Twp.         13         5         386 PAULSBORO RD         EASTLACK, CONCETTA         9.26         7.20         77.77         9.26         100.00         Oldmar           Woolwich Twp.         13         5.01         450 PAULSBORO RD         ST CLARE OF ASSISI PARISH         26.13         26.13         100.00         26.13	'					=						Oldmans Creek
Woolwich Twp.         13         2         51 VIERECK RD         CLENDENING, JEAN V         53.79         44.33         82.42         53.79         100.00         Oldmar           Woolwich Twp.         13         2.02         439 OAK GROVE RD         VIERECK, LARRY E DAVID W         11.79         10.52         89.20         11.79         100.00         Oldmar           Woolwich Twp.         13         3         489 STONE MEETING HOUSE R RACITE, DOMINIC         19.54         18.20         93.13         19.54         100.00         Oldmar           Woolwich Twp.         13         4         527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH         17.06         100.00         17.06         100.00         Oldmar           Woolwich Twp.         13         5         386 PAULSBORO RD         EASTLACK, CONCETTA         9.26         7.20         77.77         9.26         100.00         Oldmar           Woolwich Twp.         13         5.01         450 PAULSBORO RD         ST CLARE OF ASSISI PARISH         26.13         26.13         100.00         26.13         100.00         Oldmar           Woolwich Twp.         14         5         369 PAULSBORO RD         SANDY HILL FARMS @ C EASTLACK         6.57         6.29         95.86         6.57         100.00											99.57	Oldmans Creek
Woolwich Twp.         13         2.02         439 OAK GROVE RD         VIERECK, LARRY E DAVID W         11.79         10.52         89.20         11.79         100.00         Oldmar           Woolwich Twp.         13         3         489 STONE MEETING HOUSE R RACITE, DOMINIC         19.54         18.20         93.13         19.54         100.00         Oldmar           Woolwich Twp.         13         4         527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH         17.06         100.00         17.06         100.00         Oldmar           Woolwich Twp.         13         5         386 PAULSBORO RD         EASTLACK, CONCETTA         9.26         7.20         77.77         9.26         100.00         Oldmar           Woolwich Twp.         13         5.01         450 PAULSBORO RD         ST CLARE OF ASSISI PARISH         26.13         26.13         100.00         26.13         100.00         Oldmar           Woolwich Twp.         14         5         369 PAULSBORO RD         SANDY HILL FARMS @ C EASTLACK         6.57         6.29         95.86         6.57         100.00         Oldmar	· ·					*						Oldmans Creek
Woolwich Twp.       13       3       489 STONE MEETING HOUSE R RACITE, DOMINIC       19.54       18.20       93.13       19.54       100.00       Oldmar         Woolwich Twp.       13       4       527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH       17.06       17.06       100.00       17.06       100.00       Oldmar         Woolwich Twp.       13       5       386 PAULSBORO RD       EASTLACK, CONCETTA       9.26       7.20       77.77       9.26       100.00       Oldmar         Woolwich Twp.       13       5.01       450 PAULSBORO RD       ST CLARE OF ASSISI PARISH       26.13       26.13       100.00       26.13       100.00       Oldmar         Woolwich Twp.       14       5       369 PAULSBORO RD       SANDY HILL FARMS @ C EASTLACK       6.57       6.29       95.86       6.57       100.00       Oldmar	'				)	- , -						Oldmans Creek
Woolwich Twp.         13         4         527 STONE MEETING HOUSE R SARBELLO, ROSE M JOSEPH         17.06         17.06         100.00         17.06         100.00         Oldmar           Woolwich Twp.         13         5         386 PAULSBORO RD         EASTLACK, CONCETTA         9.26         7.20         77.77         9.26         100.00         Oldmar           Woolwich Twp.         13         5.01         450 PAULSBORO RD         ST CLARE OF ASSISI PARISH         26.13         26.13         100.00         26.13         100.00         Oldmar           Woolwich Twp.         14         5         369 PAULSBORO RD         SANDY HILL FARMS @ C EASTLACK         6.57         6.29         95.86         6.57         100.00         Oldmar												Oldmans Creek
Woolwich Twp.         13         5         386 PAULSBORO RD         EASTLACK, CONCETTA         9.26         7.20         77.77         9.26         100.00         Oldmar           Woolwich Twp.         13         5.01         450 PAULSBORO RD         ST CLARE OF ASSISI PARISH         26.13         26.13         100.00         26.13         100.00         Oldmar           Woolwich Twp.         14         5         369 PAULSBORO RD         SANDY HILL FARMS @ C EASTLACK         6.57         6.29         95.86         6.57         100.00         Oldmar												Oldmans Creek
Woolwich Twp.         13         5.01         450 PAULSBORO RD         ST CLARE OF ASSISI PARISH         26.13         26.13         100.00         26.13         100.00         Oldmar           Woolwich Twp.         14         5         369 PAULSBORO RD         SANDY HILL FARMS @ C EASTLACK         6.57         6.29         95.86         6.57         100.00         Oldmar	l e		_									Oldmans Creek
Woolwich Twp. 14 5 369 PAULSBORO RD SANDY HILL FARMS @ C EASTLACK 6.57 6.29 95.86 6.57 100.00 Oldmar												Oldmans Creek
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					Acres			Agricul	tural Soils	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Woolwich Twp.	19	5	139 MILL RD	GAROZZA, CARINE MRS	2.74	2.59	94.54	2.74	100.00	Oldmans Creek
Woolwich Twp.	20	1	351 SWEDESBORO AVE.	GARDNER, PHILLIP EL	29.97	21.57	71.99	22.60	75.42	Oldmans Creek
Woolwich Twp.	20	3	369 ASBURY STATION RD.	CURIALE, ANTHONY CHRISTINA	17.73	14.24	80.30	15.06	84.92	Oldmans Creek
Woolwich Twp.	21	1	50 MILL RD	KING'S VIEW ESTATES LLC	45.75	43.71	95.55	43.38	94.83	Oldmans Creek
Woolwich Twp.	21	3	181 ASBURY STATION RD.	KING'S VIEW ESTATES LLC	16.25	13.51	83.13	13.33	82.05	Oldmans Creek
Woolwich Twp.	21	4	139 ASBURY STATION RD.	KING'S VIEW ESTATES LLC	56.08	37.75	67.30	47.08	83.95	Oldmans Creek
Woolwich Twp.	24	2	1810 OLDMANS CREEK RD.	WMP REALTY, CO.	22.79	18.51	81.24	21.18	92.95	Oldmans Creek
Woolwich Twp.	28	1	1410 AUBURN RD	WMP REALTY CO	37.41	35.42	94.69	36.44	97.41	Oldmans Creek
Woolwich Twp.	28	3	1366 AUBURN RD	WMP REALTY CO.	40.55	26.13	64.44	29.71	73.28	Oldmans Creek
Woolwich Twp.	28	4	1314 AUBURN RD	WMP REALTY CO.	29.25	18.92	64.68	28.20	96.43	Oldmans Creek
Woolwich Twp.	38	5	600 WOODSTOWN RD	SCHMIDT, FRANCES A DONALD W	12.70	10.54	83.02	12.70	100.00	Oldmans Creek
Woolwich Twp.	39	1	670 WOODSTOWN RD	SORBELLO, THOMAS A MARIE	10.16	10.14	99.79	9.66	95.09	Oldmans Creek
Woolwich Twp.	41	1	141 HARRISONVILLE RD.	ROBERTS, KENNETH A WHITE, HELEN	46.68	46.09	98.73	46.68	100.00	Oldmans Creek
Woolwich Twp.	41	1.01	298 WOODSTOWN RD	FICHERA, DIANE	9.48	5.09	53.71	9.48	100.00	Oldmans Creek
Woolwich Twp.	41	3.02	221 HARRISONVILLE RD.	WOLFROM, GARY M DAWN M	7.54	5.13	68.12	7.54	100.00	Oldmans Creek
Woolwich Twp.	41	4.03	227 HARRISONVILLE RD.	MUSUMECI, ANTHONY G	6.93	5.31	76.59	5.78	83.45	Oldmans Creek
Woolwich Twp.	41	7.01	1 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.28	-	-	-	-	Oldmans Creek
Woolwich Twp.	41	7.02	3 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.24	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.03	5 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.22	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.04	7 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.22	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.05	9 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.42	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.06	8 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.06	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.07	6 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.19	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.08	4 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.19	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.09	2 REDWOOD COURT	WOOLWICH INVESTORS LLC	1.20	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.10	9 MAHOGANY COURT	WOOLWICH INVESTORS LLC	6.73	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.11	7 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.21	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.12	5 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.20	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.13	3 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.21	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.14	1 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.24	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.15	10 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.36	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.16	8 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.15	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.17	6 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.19	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.18	4 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.20	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.19	2 MAHOGANY COURT	WOOLWICH INVESTORS LLC	1.22	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.20	6 EVERGREEN LANE	WOOLWICH INVESTORS LLC	1.10	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.21	EVERGREEN LANE	WOOLWICH INVESTORS LLC	2.94	_	_	_	_	Oldmans Creek
Woolwich Twp.	41	7.22	4 EVERGREEN LANE	WOOLWICH INVESTORS LLC	1.00	_	<u>-</u>	_	_	Oldmans Creek
Woolwich Twp.	41	7.23	2 EVERGREEN LANE	WOOLWICH INVESTORS LLC	1.00	_	_			Oldmans Creek
Woolwich Twp.	41	8	RUSSELL MILL M09	SORBELLO, THOMAS MARIE	43.78	40.49	92.49	43.78	100.00	Oldmans Creek
Woolwich Twp.	41	10	857 RUSSELL MILL RD	SORBELLO, THOMAS A	33.72	25.35	75.18	20.64	61.22	Oldmans Creek
Woolwich Twp.	42	1	361 HARRISONVILLE RD.	VILLECCO, ANDREW J JOCELYN	11.85	11.39	96.08	11.85	100.00	Oldmans Creek
	42	2		·						
Woolwich Twp.	42	2	870 RUSSELL MILL RD	SORBELLO, FRANK M JENNIE L	23.56	19.32	81.98	21.50	91.23	Oldmans Creek

		Acres Tillable Land		le Land	Agricul	tural Soils				
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Acres	Percent	Acres	Percent	Project Area
Woolwich Twp.	43	3	107 DAVIDSON RD	KING, DAVID FEUCHT, CAROLINE	16.27	12.60	77.46	15.73	96.67	Oldmans Creek
Woolwich Twp.	43	5	131 DAVIDSON RD	ROBERTS, KENNETH A WHITE, HELEN	9.56	8.73	91.28	5.69	59.53	Oldmans Creek
Woolwich Twp.	43	10	160 HARRISONVILLE RD.	ROBERTS, KENNETH A WHITE, HELEN	36.39	29.06	79.86	33.15	91.10	Oldmans Creek
Woolwich Twp.	43	15	318 HARRISONVILLE RD.	VILLECO, JERRY J	25.12	19.40	77.24	20.42	81.31	Oldmans Creek
Woolwich Twp.	44	9.01	696 RUSSELL MILL RD	VUONG, JENNI	10.62	10.58	99.58	9.97	93.88	Oldmans Creek
Woolwich Twp.	46	11	285 MONROEVILLE RD	FINOCCHIARO, ALFRED J	13.47	12.93	95.95	13.17	97.72	Oldmans Creek
Woolwich Twp.	46	11.02	DAVIDSON RD	BUSHEY, MARIAN D	13.94	12.75	91.44	13.33	95.63	Oldmans Creek
Woolwich Twp.	46	11.03	MONROEVILLE RD.	FINOCCHIARO, ROSANNE T	13.05	12.95	99.20	13.05	100.00	Oldmans Creek
Woolwich Twp.	46	12	525 RUSSELL MILL RD	DIBELLA, CARMEN A J.	6.03	6.03	100.00	6.03	100.00	Oldmans Creek
Woolwich Twp.	46	12.01	525 RUSSELL MILL RD	DIBELLA, CARMEN A J.	16.46	15.54	94.39	16.46	100.00	Oldmans Creek
Woolwich Twp.	47	2	263 FRANKLINVILLE RD.	HORNER, WILLIAM C	28.55	25.16	88.11	28.55	100.00	Oldmans Creek
Woolwich Twp.	47	2.01	251 FRANKLINVILLE RD	HORNER, WM C	11.04	11.04	100.00	11.04	100.00	Oldmans Creek
Woolwich Twp.	49	2	440 FRANKLINVILLE RD.	ATLANTIC CITY ELECTRIC CO RE CO	60.76	47.40	78.02	50.38	82.93	Oldmans Creek
Woolwich Twp.	50	2	490 FRANKLINVILLE RD.	BENNY A SORBELLO FAMILY LLC	19.35	18.97	98.01	19.35	100.00	Oldmans Creek
Woolwich Twp.	50	2.08	HIGH STREET	MACCHERONE,SANTO JOSEPH	1.91	1.88	98.32	1.91	100.00	Oldmans Creek
Woolwich Twp.	50	3	490 FRANKLINVILLE RD.	MACCHERONE, SANTO JOSEPH	10.35	10.27	99.28	10.35	100.00	Oldmans Creek
Woolwich Twp.	50	4	510 FRANKLINVILLE RD.	EASTLACK, WILLARD L	14.74	14.74	100.00	14.74	100.00	Oldmans Creek
Woolwich Twp.	54	9.01	110 FRANKLINVILLE RD.	THOMAS, WILBERT A III MARGUERITE	10.99	8.09	73.61	10.84	98.69	Oldmans Creek
Woolwich Twp.	55	4.02	272 FRANKLINVILLE RD.	HORNER, WILLIAM C	8.90	7.82	87.93	8.05	90.53	Oldmans Creek
Woolwich Twp.	55	7	169 RUSSELL MILL RD	DORSETT, LAWRENCE ANN	72.28	50.59	69.98	58.45	80.86	Oldmans Creek
Woolwich Twp.	56	1	170 RUSSELL MILL RD	RUSSELL MILL INVESTMENTS LP	107.36	73.00	67.99	76.52	71.27	Oldmans Creek
Woolwich Twp.	56	3	90 RUSSELL MILL RD	CARDILLO, JOSEPH CONSTANCE	23.94	16.20	67.67	16.50	68.95	Oldmans Creek
Woolwich Twp.	57	7	200 BACK CREEK RD	CAVALLARO, ALFRED L	18.15	16.61	91.50	18.05	99.48	Oldmans Creek
Woolwich Twp.	57	7.01	190 BACK CREEK RD	CAVALLARO, ALFRED L	7.07	5.85	82.80	7.07	100.00	Oldmans Creek

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Clayton Borough	101	1	760 SOUTH BROAD	MILL CREEK ASSOCIATES	15.96 Still Run
Clayton Borough	501	2	792 WEST CLAYTON AVENUE	VANAMAN JEFFREY ETUX	6.29
Clayton Borough	501	4	CLAYTON AVENUE	SILVER LAKE ASSOC C/O DENNIS KING	5.05
Clayton Borough	502	1	WEST ACADEMY STREET	SILVER LAKE ASSOC C/O DENNIS KING	129.64 Still Run
Clayton Borough	502	2	NEAR LAKE	SILVERLAKE ASSOCIATION INC	8.15 Still Run
Clayton Borough	502	4	AURA ROAD	DIOCESE OF CAMDEN	28.28 Still Run
Clayton Borough	502	7	555 B COYLE ROAD	DESSIN WALTER III ETUX	9.99 Still Run
Clayton Borough	502	9	685 WEST ACADEMY STREET	DENNIS ALAN B	2.74 Still Run
Clayton Borough	1103	3.03	703 SOUTH DELSEA DRIVE	CLAYTON DEVELOPMENT GROUP LLC	14.74
Clayton Borough	1601	13	NORTH DELSEA DRIVE	KEILUHN VENTURE ATT:PHIL RUGGIERI	55.94
Clayton Borough	1901	5	339 AURA ROAD	KOZACHYN III STEPHEN & LISA	0.91
Clayton Borough	1901	7	339 AURA ROAD	KOZACHYN STEPHEN & LISA	5.09
Clayton Borough	1901	8	GLASSBORO ROAD	KOZACHYN, STEPHEN & LISA	1.03
Clayton Borough	1902	8	1114 NORTH DELSEA DRIVE	DOYLE TIMOTHY & MICHELLE	9.94 Still Run
Clayton Borough	1902	9	NORTH DELSEA DRIVE	DOYLE, TIMOTHY & MICHELLE	13.08 Still Run
Clayton Borough	1902	10	NORTH DELSEA DRIVE	DOYLE, TIMOTHY MICHELLE	21.79 Still Run
Clayton Borough	1902	15	1072 NORTH DELSEA DRIVE	S& F GAS WORKS INC	11.95
Clayton Borough	1902	24	932 NORTH DELSEA DRIVE	CANDY CAROUSEL EAST LLC	9.69
Clayton Borough	1904	3	NORTH DELSEA DRIVE	MEDFORD VILLAGE EAST ASSOCIATES LLC	117.61
Clayton Borough	1904	10	495 EAST ACADEMY STREET	TLAM CORPORATION	10.42
Clayton Borough	1904	23.01	501 CENCO BLVD	BASILTON, INC	32.79
Clayton Borough	1904	24.01	100 CENCO BOULEVARD	BASILTON LLC	14.81
Clayton Borough	2001	6	2 EAST AVENUE	MC CLAIN GARY	13.37
Clayton Borough	2002	16	1093 JACKSON AVENUE	HUTCHINSON III, ROGER & MARYANN	0.14
Clayton Borough	2003	14	730 EAST WASHINGTON AVE	ROMAN GINA	9.24 Still Run
Clayton Borough	2004	1	EAST AVENUE	BOTTARO LAWRENCE ET UX	0.70 Still Run
Clayton Borough	2103	2	548 FRIES MILL ROAD	WIESE JOANNE	5.88
Clayton Borough	2103	3	530 FRIES MILL ROAD	LAWLER MOSER MARJORIE C	5.88
Clayton Borough	2105	9	635 FRIES MILL ROAD	SALLEY, SHAWN & COOPER, MATTIE	7.75
Clayton Borough	2105	25	WILLIAMSTOWN ROAD	DEEUGENIO, LEWIS J JR & LEILA E	15.03
Deptford Township	2	9	1055 DELSEA DR	VICTORY IN CHRIST CHRISTIAN CENTER	8.93
Deptford Township	2	28	DELSEA DR	ANDALORO, AGNES MARY	1.16
Deptford Township	4	7	TURKEY HILL RD	RIDGEWAY, RICHARD V & ETALS	8.13
Deptford Township	5.01	13.02	ALMONESSON RD	DEPTFORD 15 % BLANK ASCHKENASY PROP	16.85
Deptford Township	5.01	16.02	ALMONESSON RD	SHEPPARD, JACK C TRUSTEE	30.97
Deptford Township	5.01	16.04	ALMONESSON RD	SHEPPARD, JACK	3.63
Deptford Township	9	3	138 ANDALORO WAY	ANDALORO, MARY FAMILY LP	1.40
Deptford Township	9	4	144 ANDALORO WAY	ANDALORO, MARY FAMILY LP	0.17
Deptford Township	14	1	2 GARDEN AVE	ANDALORO FARMS LIMITED PARTNERSHIP	2.10
Deptford Township	15	1	1 GARDEN WAY	ANDALORO FARMS LIMITED PARTNERSHIP	2.10
Deptford Township	15	2	2 HARVEST WAY	ANDALORO FARMS LIMITED PARTNERSHIP	2.10

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Deptford Township	16	4	1 HARVEST WAY	ANDALORO FARMS LIMITED PARTNERSHIP	2.10
Deptford Township	16	6	20 MURPHY AVE	ANDALORO, JOHN T & FOSTER, MARY D	0.17
Deptford Township	22	1	26 GARDEN WAY	ANDALORO FARMS LIMITED PARTNERSHIP	1.83
Deptford Township	23	1	25 GARDEN WAY	ANDALORO FARMS LIMITED PARTNERSHIP	2.17
Deptford Township	23	2	24 HARVEST WAY	ANDALORO FARMS LIMITED PARTNERSHIP	2.17
Deptford Township	24	2	25 HARVEST WAY	ANDALORO FARMS LIMITED PARTNERSHIP	2.17
Deptford Township	27	1	GARDEN AVE	ANDALORO FARMS LIMITED PARTNERSHIP	14.65
Deptford Township	84	1	746 TANYARD RD	RIZZUTO, JOSEPH W & ETALS	23.38
Deptford Township	86	10	1640 DELSEA DR	VOLMER. GEO EST % EMMA ERNST	15.76
Deptford Township	86	11	1560 DELSEA DR	ERNST, EMMA V & VOLLMER, BEATRICE R	25.08
Deptford Township	86	15	CATTELL RD	MILLER, WILLIAM G.	7.70
Deptford Township	86	24	SALMON AVE	WENDY HOMES ASSOCIATES III LLC	2.85
Deptford Township	86	27	CATTELL RD	MILLER, WILLIAM G. GERALDINE H/W	8.06
Deptford Township	116	7	HIGHLAND AVE	WENDY HOMES ASSOCIATES III LLC	5.99
Deptford Township	122	1.02	NARRATICON PKWY	WENDY HOMES ASSOCIATES III, LLC	7.49
Deptford Township	122	1.03	NARRATICON PKWY	WENDY HOMES ASSOCIATES III, LLC	22.58
Deptford Township	122	1.04	HIGHLAND AVE	WENDY HOMES ASSOCIATES III, LLC	26.51
Deptford Township	124	2	DELSEA DR	WENDY HOMES ASSOCIATES III, LLC	8.52
Deptford Township	124	3	NARRATICON PKWY	WENDY HOMES ASSOCIATES II, LLC	1.55
Deptford Township	124	5	NARRATICON PKWY	WENDY HOMES ASSOCIATES III LLC	1.56
Deptford Township	125	1	DELSEA DR	WENDY HOMES ASSOCIATES III LLC	5.76
Deptford Township	140	4	LOGAN AVE	R & H HERSKOWITZ PROPERTIES LLC	4.30
Deptford Township	140	5	LOGAN AVE	R & H HERSKOWITZ PROPERTIES LLC	1.00
Deptford Township	140	6	AYRES AVE	R & H HERSKOWITZ PROPERTIES LLC	3.81
Deptford Township	143	5	560 LOGAN AVE	R & H HERSKOWITZ PROPERTIES LLC	5.02
Deptford Township	143	8	LOGAN AVE	R & H HERSKOWITZ PROPERTIES LLC	1.20
Deptford Township	152	3	449 CAULFIELD AVE	HOLZWORTH, FRANK JR	1.50
Deptford Township	152	4	BURKE AVE	HOLZWORTH, FRANK, JR.	1.39
Deptford Township	152	5	MADISON DR	HOLZWORTH, FRANK JR	3.77
Deptford Township	152	7	BURKE AVE	HOLZWORTH, FRANK JR.	0.55
Deptford Township	153	4	307 CAULFIELD AVE	HOLZWORTH, FRANK JR	3.51
Deptford Township	199	13	1420 COOPER ST	KURPASKA, STANLEY	6.09
Deptford Township	233	14	601 FOX RUN RD	CARELLI, JAMES	7.56
Deptford Township	233	18	639 FOX RUN RD	LAWRENSON, GINA	10.77
Deptford Township	233	22	669 FOX RUN RD	NVP HOLDINGS LLC	9.72
Deptford Township	233	23	697 FOX RUN RD	SHISLER, ROBERT A JR.	17.75
Deptford Township	233	24	737 FOX RUN RD	SHISLER, MARION	15.21
Deptford Township	233	25	1937 DELSEA DR	NVP HOLDINGS LLC	8.61
Deptford Township	233	31	1879 DELSEA DR	SHISLER, ROBERT A JR.	15.73
Deptford Township	233	40	1793 DELSEA DR	MESSNER, CHARLES J. JR.	7.42
Deptford Township	233	44	1757 DELSEA DR	BOUCHER, MARK J & BONNIE A	9.30

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Deptford Township	233	48	1711 DELSEA DR	SHISLER, ROBERT H & TRACY L	17.19
Deptford Township	233	69	1761 DELSEA DR	BOUCHER, MARK J & BONNIE	9.84
Deptford Township	233	105	DELSEA DR	MESSNER, CHARLES JR.	7.08
Deptford Township	235	9	30 MARGARET AVE	SHISLER, MARION	1.89
Deptford Township	237	3	1929 DELSEA DR	NVP HOLDINGS LLC	1.16
Deptford Township	237	4	5 MANOR AVE	NVP HOLDINGS LLC	0.77
Deptford Township	351	1	400 BAYER AVE	RENAUD, THOMAS S & MAIER, SHEILA M	6.26
Deptford Township	386.01	1	1577 HURFFVILLE RD	TANGER, JUDITH L	4.49
Deptford Township	386.01	5	HURFFVILLE RD	TANGER, JUDITH	7.50
Deptford Township	387	5	614 FOX RUN RD	JARMAN, TRACY TRUSTEE/MOORE, ROBERT	20.13
Deptford Township	387	10	586 FOX RUN RD	MOORE, ELIZABETH C D	12.44
Deptford Township	387	11	FOX RUN RD	MOORE, ELIZABETH C D	7.42
Deptford Township	387	12	606 608 FOX RUN RD	DEMIE MOORE LIVING TRUST	16.86
Deptford Township	387	14	618 FOX RUN RD	JARMAN, TRACY M.	27.79
Deptford Township	387	15	650 FOX RUN RD	AURAND, WALTER & KATHLEEN H/W	17.10
Deptford Township	387	16	658 FOX RUN RD	AURAND, WALTER & KATHLEEN	9.52
Deptford Township	387	17	668 FOX RUN RD	POLEN R. INC.	3.77
Deptford Township	387	17.01	FOX RUN RD	POLEN, R. INC.	5.67
Deptford Township	387	18	684 FOX RUN RD	GLAZE, HOLLY	5.31
Deptford Township	387	23.01	740 FOX RUN RD	NVP HOLDINGS LLC	14.98
Deptford Township	387.01	17	FOX RUN RD	MOORE, ROBERT A	7.19
Deptford Township	397	2	1166 TANYARD RD	RV LLC	6.57
Deptford Township	397	2.01	TANYARD ROAD	RJS PROPERTIES LLC	13.16
Deptford Township	397	3	1920 DELSEA DR	UNITED FOOD & COMM WORKERS LOC 1360	10.09
Deptford Township	397	7	1948 DELSEA DR	GUGLIETTI, CARMELA ET ALS	7.60
Deptford Township	397	14	875 BANKBRIDGE RD	PINE, HELEN A	10.86
Deptford Township	398	32	987 BANKBRIDGE RD	BANKBRIDGE FARMS LLC	85.88
Deptford Township	399	7	GLASSBORO RD	MIPRO HOMES LLC	86.86
Deptford Township	399	12	987 BANKBRIDGE RD	BANKBRIDGE FARMS LLC	0.24
Deptford Township	399.15	9	TANYARD RD	SCHEETZ, HOWARD B	10.63
Deptford Township	400	2.01	GLASSBORO RD	LINDSEY, LINDA H & ROBERT W	7.49
Deptford Township	400	2.02	GLASSBORO RD	LINDSEY, ROBERT W & LINDA H	1.30
Deptford Township	400	13	204 BARK BRIDGE RD	ANYZEK, EDMUND E & PATRICIA	14.25
Deptford Township	407	3	915 CATTELL RD	CIARROCCHI, LOUIS R & JANICE M	9.76
Deptford Township	417	7	INTERNATIONAL AVE	SOUTH JERSEY GAS CO% S. KAVANAUGH	13.58
Deptford Township	417	8	BLACKWOOD BARNSBORO	DIOCESE OF CAMDEN	20.54
Deptford Township	417.01	3	2056 DELSEA DR	BENDERSON, NATHAN & ETALS	24.31
Deptford Township	417.01	32	101 BLACKWOOD BARNSBORO	HAINES, MARK J & MADONNA R	10.31
Deptford Township	417.01	36	15 INTERNATIONAL AVE	SOUTH JERSEY GAS CO%S. KAVANAUGH	26.77
Deptford Township	418	1	70 BLACKWOOD BARNSBORO	DIOCESE OF CAMDEN	26.59
Deptford Township	418	2	90 BLACKWOOD BARNSBORO	DIOCESE OF CAMDEN	18.13

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Deptford Township	418	4	52 BLACKWOOD BARNSBORO	DIOCESE OF CAMDEN	6.89
Deptford Township	418	5	54 BLACKWOOD BARNSBORO	DIOCESE OF CAMDEN	3.49
Deptford Township	418	6	BLACKWOOD BARNSBORO	DIOCESE OF CAMDEN	4.00
Deptford Township	420	4	30 BLACKWOOD BARNSBORO	BEE'S BRANCH LLC	23.84
Deptford Township	420	5	16 BLACKWOOD BARNSBORO	BEE'S BRANCH LLC	9.82
Deptford Township	421	2	1570 TANYARD RD	SCOTT, DAVID A & DONNA M	6.01
Deptford Township	421	3	1554 TANYARD RD	SIERRA LAND LLC	52.68
Deptford Township	422	2	655 SALINA RD	EXLEY, AMELIA C	3.01
Deptford Township	422	4	1549 TANYARD RD	SCOTT, DAVID A	11.63
Deptford Township	422	30	1766 GLASSBORO RD	EXLEY, W ROBERT & AMELIA C	1.16
Deptford Township	422	33	1790 GLASSBORO RD	B & C EXLEY LLC	5.96
Deptford Township	422	37	1535 TANYARD RD	EXLEYS GARDEN CENTER LLC	5.33
Deptford Township	422	38	GLASSBORO RD	EXLEY, W. ROBERT	20.31
Deptford Township	493	1	1365 HURFFVILLE RD	MAAN, CHARANJIT ETAL	2.71
Deptford Township	493	2	2033 WILLOW AVE	MAAN, CHARANJIT ETAL	0.93
Deptford Township	493	3	1375 HURFFVILLE RD	MAAN, CHARANJIT ETAL	3.64
Deptford Township	494	1	2051 WILLOW AVE	MAAN, CHARANJIT ETAL	1.12
Deptford Township	494	2	2075 WILLOW AVE	MAAN, CHARANJIT ETAL	0.25
Deptford Township	496	1	PEAR LN	MAAN, CHARANJIT ETAL	2.07
East Greenwich Township	101	1	598 TOMLIN STATION RD	STEFKA, WILLIAM & HELEN R	22.79 Repaupo-Mantua Creek
East Greenwich Township	101	3	141 W TOMLIN STATION RD	SEYMOUR, JOHN R & WILDA G	8.79 Repaupo-Mantua Creek
East Greenwich Township	101	5	150 W WOLFERT STATION RD	SIMONE, DANIEL	6.46 Repaupo-Mantua Creek
East Greenwich Township	101	6	158 W WOLFERT STATION RD	HERITAGE, HAROLD R & PATRICIA L	29.77 Repaupo-Mantua Creek
East Greenwich Township	101	11	143 W TOMLIN STATION RD	PROVENCHER, ROBERT A & MARY S	25.30 Repaupo-Mantua Creek
East Greenwich Township	102	1	200 TOMLIN STATION RD	STEFKA, WM R & HELEN R	6.92 Repaupo-Mantua Creek
East Greenwich Township	102	2	174 W TOMLIN STATION RD	NEWCOMB, ROBERT L & CYNTHIA J	8.80 Repaupo-Mantua Creek
East Greenwich Township	102	9	265 N WOLFERT STATION RD	DORMANN, MARK & JENNIFER H/W	14.52 Repaupo-Mantua Creek
East Greenwich Township	102	11	N WOLFERT SATION RD	C/O VANDERGRIFT, LINDA	14.17 Repaupo-Mantua Creek
East Greenwich Township	102	15	N WOLFERT STATION RD	C/O VANDERGRIFT, LINDA	8.38 Repaupo-Mantua Creek
East Greenwich Township	102	16	N WOLFERT STATION RD	RETKOVIS, CAROL & KUGLER, ELIZABETH	22.32 Repaupo-Mantua Creek
East Greenwich Township	102	17	N WOLFERT STATION RD	FASTIGE GLORIA S REVOCABLE TRUST	22.87 Repaupo-Mantua Creek
East Greenwich Township	102	18	752 SWEDSBORO AVE	RIDGEWAY, ANASTASIA	26.35 Repaupo-Mantua Creek
East Greenwich Township	102	20	251 N WOLFERT STATION RD	DAVIS, JOSEPH W & JEAN A	5.78 Repaupo-Mantua Creek
East Greenwich Township	103	1	N WOLFERT STATION RD	HOLLENACK, MICHAEL	23.18 Repaupo-Mantua Creek
East Greenwich Township	103	2	320 N WOLFERT STATION RD	RETKOVIS, CAROL & KUGLER, ELIZABETH	25.17 Repaupo-Mantua Creek
East Greenwich Township	103	3	N WOLFERT STATION RD	WALSH, JAMES T	6.31
East Greenwich Township	103	6	280 N WOLFERT STATION RD	DORMANN, A CHRISTOPHER & KIM SUSAN	21.08 Repaupo-Mantua Creek
East Greenwich Township	103	7	264 N WOLFERT STATION RD	BRESLER, GERALDINE J	28.39 Repaupo-Mantua Creek
East Greenwich Township	103	12	QUAKER RD	GRUBER, JEAN E	39.32 Repaupo-Mantua Creek
East Greenwich Township	103	13	73 DEMOCRAT RD	BUMBERNICIK, WILLIAM R & MEGAN	5.34 Repaupo-Mantua Creek
East Greenwich Township	103	13.01	DEMOCRAT ROAD	BUMBERNICK, WILLIAM R & MEGAN	33.33 Repaupo-Mantua Creek

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
East Greenwich Township	103	13.03	67 DEMOCRAT ROAD	BUMBERNICK, WILLIAM R & MEGAN	3.89	Repaupo-Mantua Creek
East Greenwich Township	103	19	DEMOCRAT RD	HARGREEN ASSOCIATES C/O JAGER INC	82.70	
East Greenwich Township	103	20	DEMOCRAT RD	GERSHMAN, JOEL C/O JAGER INC	48.26	Repaupo-Mantua Creek
East Greenwich Township	103	21	DEMOCRAT RD	HARGREEN ASSOCIATES C/O JAGER INC		Repaupo-Mantua Creek
East Greenwich Township	104	4	TOMLIN ST RD	POSTORIVO, EUGENIO	16.16	Repaupo-Mantua Creek
East Greenwich Township	105	1.14	119 WOLFERT STATION RD	RINNIER, BRIAN & SUSAN		Repaupo-Mantua Creek
East Greenwich Township	105	1.15	117 W WOLFERT STATION RD	RINNIER, BRIAN A & SUSAN R		Repaupo-Mantua Creek
East Greenwich Township	105	3	50 W TOMLIN STATION RD	D'ISIDORI, MARGARET	9.62	Repaupo-Mantua Creek
East Greenwich Township	105	3.01	68 W TOMLIN STATION RD	LICCIARDELLO, DOMINIC S		Repaupo-Mantua Creek
East Greenwich Township	105	3.03	62 W TOMLIN STATION RD	JACKSON, BARRY L & JANICE A		Repaupo-Mantua Creek
East Greenwich Township	105	13	91 WOLFERT STATION RD	HAMILTON, RICHARD P		Repaupo-Mantua Creek
East Greenwich Township	105	13.01	W. WOLFERT STATION ROAD	HAMILTON, RICHARD P & KATHY Z	20.68	Repaupo-Mantua Creek
East Greenwich Township	201	2	DEMOCRAT RD	530 PORCHTOWN RD % SCOTT KINTZING	55.24	
East Greenwich Township	201	3	198 DEMOCRAT RD	530 PORCHTOWN RD % SCOTT KINTZING	2.48	
East Greenwich Township	201	5	166 DEMOCRAT RD	MINNITI, CARL J & LORRAINE P	38.70	
East Greenwich Township	201	15	HARMONY RD	Z V S ASSOCIATES	37.30	
East Greenwich Township	201	22	422 SWEDESBORO AVE	SCHWEBEL. GERALDINE T	12.89	
East Greenwich Township	204	13	HARMONY RD	K&M REALTY HOLDINGS LLC	49.03	
East Greenwich Township	204	19	371 FRIENDSHIP RD	MILLER, WALLACE & MILLER, VERNA	20.14	
East Greenwich Township	204	19.02	355 FRIENDSHIP RD	HUFF, HOWARD I	9.70	
East Greenwich Township	204	25	TIMBERLANE RD	DERR, DOLORES J ET AL	99.68	
East Greenwich Township	204	28	155 TIMBERLANE RD	TIGHE, RONALD & HEATHER N	2.75	
East Greenwich Township	204	29	155 TIMBERLANE RD	TIGHE, RONALD & HEATHER N	16.34	
East Greenwich Township	204	34	ROUTE 295	PUTORTI, CONSOLATO ET ALS	24.34	
East Greenwich Township	204	35	232 HARMONY RD	FUSS, SAMUEL J	8.11	
East Greenwich Township	205	7.01	122 TIMBERLANE RD	ST ALFIO SOCIETY OF PA INC	0.78	
East Greenwich Township	205	7.02	124 TIMBERLANE RD	ST ALFIO SOCIETY OF PA INC	0.72	
East Greenwich Township	205	8.05	108 TIMBERLANE LA	REED, DONALD KEITH & PRISCILLA	7.82	
East Greenwich Township	205	12	105 W COHAWKIN RD	HADDOCK, EVELYN K.		Repaupo-Mantua Creek
East Greenwich Township	205	13.02	COHAWKIN ROAD	GRASSO, JOHN & MARY ANN		Repaupo-Mantua Creek
East Greenwich Township	205	13.04	TIMBERLANE RD	ST ALFIO SOCIETY OF PA, INC	23.02	
East Greenwich Township	205	14	137 W COHAWKIN ROAD	GOINS, JOHN R. & DIANE		Repaupo-Mantua Creek
East Greenwich Township	205	14.02	135 W COHAWKIN RD	GOINS, JOHN R. & DIANE		Repaupo-Mantua Creek
East Greenwich Township	205	15	308 MAPLE AVE	WOLLMAN, GEORGE	20.54	
East Greenwich Township	206	3	66 HARMONY RD	VELLUTATO, JAMES & JANICE	13.94	
East Greenwich Township	206	6	54 HARMONY RD	DOERRMANN, MARCIENNE	14.27	· · ·
East Greenwich Township	206	9	364 FRIENDSHIP RD	MAGAZU, HARRY KEVIN	6.88	
East Greenwich Township	206	11	75 W COHAWKIN RD	PLATT, CHARLES F & PATRICIA A		Repaupo-Mantua Creek
East Greenwich Township	206	14.01	65 W COHAWKIN RD	TINDALL HOMES @ EAST GREENWICH LLC	24.75	
East Greenwich Township	206	20	COHAWKIN ROAD	TINDALL HOMES	39.33	
East Greenwich Township	217	2	200 TIMBERLANE RD	HRYCKOWIAN, MICHAEL & IVANKA	4.34	

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
East Greenwich Township	304	13	162 W COHAWKIN RD	LEFT FIELD % SUNSHINER INC	16.63	
East Greenwich Township	401	14	70 W COHAWKIN RD	PLATT, CHARLES F JR & PATRICIA ANN	15.58	Repaupo-Mantua Creek
East Greenwich Township	401	20	265 LANDING RD	PLATT, CHARLES F,JR & STEVEN J	6.85	Repaupo-Mantua Creek
East Greenwich Township	401	24	WHISKEY MILL RD	HAINES, G C/O JOHN DESIMONE, ESQ	20.54	
East Greenwich Township	402	1	WHISKEY MILL RD	HAINES, D C/O JOHN DESIMONE, ESQ	24.88	
East Greenwich Township	402	3	248 WHISKEY MILL RD	HENKEL, BRIAN S	10.33	
East Greenwich Township	402	4	WHISKEY MILL RD	HENKEL, BRIAN S	10.10	
East Greenwich Township	403	3	90 BERKLEY RD	HAINES, DONA L	32.74	
East Greenwich Township	707	39	309 KINGS HWY	GATTUSO LAND INC.	10.03	
East Greenwich Township	904	7	12 CEDAR ROAD	POWELL, TIMOTHY S	2.97	Repaupo-Mantua Creek
East Greenwich Township	1001	1	WOLFERT STATION RD	LANZA, NOREEN D		Repaupo-Mantua Creek
East Greenwich Township	1001	2	619 KINGS HWY	LANZA, NOREEN D		Repaupo-Mantua Creek
East Greenwich Township	1003	2	351 KINGS HWY	TROTTA, JAMES E & MARY	14.00	
East Greenwich Township	1004	5	600 KINGS HWY	PALLANDIO, JOSEPH F	118.95	Repaupo-Mantua Creek
East Greenwich Township	1005	1	380 KINGS HIGHWAY	BUCCIAGLIA, RONALD A	8.78	Repaupo-Mantua Creek
East Greenwich Township	1005	2.01	COHAWKIN ROAD	EGLINGTON CEMETARY		Repaupo-Mantua Creek
East Greenwich Township	1005	7	81 E COHAWKIN RD	MIHLEBACH, CHARLES J & CATHERINE		Repaupo-Mantua Creek
East Greenwich Township	1005	7.01	COHAWKIN RD	EGLINGTON CEMETERY CO		Repaupo-Mantua Creek
East Greenwich Township	1005	9.02	356 KINGS HWY	HOLLINGSHEAD, WICKLIFFE & MARY H		Repaupo-Mantua Creek
East Greenwich Township	1005	9.08	344 KINGS HWY	WHITE, KEVIN P. & PATRICIA N.	9.77	
East Greenwich Township	1005	9.09	352 KINGS HWY	HOLLINGSHEAD, WICKLIFFE & MARY CLOU	4.00	
East Greenwich Township	1005	9.11	366 KINGS HWY	HOLLINGSHEAD, WICKLIFFE & MARY	3.25	Repaupo-Mantua Creek
East Greenwich Township	1005	11	CEDAR ROAD	POWELL, TIMOTHY S	17.97	Repaupo-Mantua Creek
East Greenwich Township	1005	12.02	12 TOLLGATE ROAD	CARFAGNO, FRANK V & KATHLEEN K	6.26	Repaupo-Mantua Creek
East Greenwich Township	1005	13	328 KINGS HWY	WARMING, WILLIAM H & TERRI L	8.69	
East Greenwich Township	1007	16.01	509 SHARP DR	ZANE, RAYMOND J	1.23	Repaupo-Mantua Creek
East Greenwich Township	1007	17	509 SHARP DR	ZANE, RAYMOND J	3.27	Repaupo-Mantua Creek
East Greenwich Township	1007	18	507 SHARP DRIVE	ZANE, RAYMOND J	1.50	Repaupo-Mantua Creek
East Greenwich Township	1101	1	45 W.TOMLIN ST RD	ALICE LICIARDELLO C/0 RINKERMAN	19.01	Repaupo-Mantua Creek
East Greenwich Township	1101	4	825 KINGS HWY	BEIER, ERNEST III & DIANE	58.59	Repaupo-Mantua Creek
East Greenwich Township	1102	2.02	24 W TOMLIN STATION RD	MARINO, NATALE & ANGELA		Repaupo-Mantua Creek
East Greenwich Township	1102	3.01	739 KINGS HWY	ROSS, HORACE & MAUREEN J		Repaupo-Mantua Creek
East Greenwich Township	1103	1	850 & 854 KINGS HWY	SORBELLO, FRED J & JOAN M		Repaupo-Mantua Creek
East Greenwich Township	1103.06	4	73 E TOMLIN STATION RD	DE VAULT, RICHARD N & TERRI S		Repaupo-Mantua Creek
East Greenwich Township	1103.06	4.02	75 E TOMLIN STATION RD	BLOWERT, DAVID & ROBIN		Repaupo-Mantua Creek
East Greenwich Township	1103.06	4.03	71 E.TOMLIN STATION ROAD	GIBSON, WARD R & JANICE E		Repaupo-Mantua Creek
East Greenwich Township	1106	5	66 E RATTLING RUN RD	BAUER, MICHELLE P		Repaupo-Mantua Creek
East Greenwich Township	1106	5.06	EAST RATTLING RUN RD	MELONI, FERDINAND J & JULIA CARSON	4.56	' '
East Greenwich Township	1106	5.07	62 EAST RATTLING RUN RD	HAGUE, KENNETH C JR & ANGELA L	5.99	Repaupo-Mantua Creek
East Greenwich Township	1106	5.10	74 E. RATTLING RUN ROAD	MELONI, FERDINAND J & JULIA CARSON		Repaupo-Mantua Creek
East Greenwich Township	1107	4	74 E TOMLIN STATION RD	DEPIETRO, PHILIP A JR		Repaupo-Mantua Creek

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
East Greenwich Township	1107	5	67 E RATTLING RUN RD	CARPENITO, LYNDA J		Repaupo-Mantua Creek
East Greenwich Township	1107	5.01	71 E RATTLING RUN RD	KHAN, ISHMEAL & BIBI N H/W		Repaupo-Mantua Creek
East Greenwich Township	1107	6	E RATTILING RUN RD	CARPENITO, LYNDA J		Repaupo-Mantua Creek
East Greenwich Township	1107	7	105 E. RATTLING RUN RD.	LEONE, SAMUEL M		Repaupo-Mantua Creek
East Greenwich Township	1107	11	63 E RATTLING RUN RD	CARPENITO, LYNDA JUALL		Repaupo-Mantua Creek
East Greenwich Township	1107	12	55 E RATTLING RUN RD	DEPIETRO, PHILIP A J/T		Repaupo-Mantua Creek
East Greenwich Township	1107	14	33 EAST RATTLING RUN RD			
East Greenwich Township	1107	15		ZECK, RONALD E,JR & ELAINE A		Repaupo-Mantua Creek
<u>'</u>			RATTLING RUN RD	BEZR HOMES LLC		Repaupo-Mantua Creek
East Greenwich Township	1107	16	RATTLING RUN RD	BEZR HOMES LLC		Repaupo-Mantua Creek
East Greenwich Township	1107	17	TOMLIN STATION RD	BEZR HOMES LLC		Repaupo-Mantua Creek
East Greenwich Township	1107	18	E TOMLIN STATION RD	DEPIETRO, PHILIP A J/T		Repaupo-Mantua Creek
East Greenwich Township	1202	4	UNION RD	WESTERMANN, HENRY & LISA & ETALS		Repaupo-Mantua Creek
East Greenwich Township	1202.05	22	WOLFERT STATION ROAD	CALTABIANO, JOSEPH J & LUCY M, JR		Repaupo-Mantua Creek
East Greenwich Township	1203	3.26	601 UNION ROAD	BEZR HOMES LLC		Repaupo-Mantua Creek
East Greenwich Township	1203	4	585 UNION RD	POOL, OWEN & GLADYS		Repaupo-Mantua Creek
East Greenwich Township	1203	5	UNION RD	POOL, E OWEN & GLADYS E		Repaupo-Mantua Creek
East Greenwich Township	1204	4	CEDAR LANE	LAIL, THOMAS & DORIS		Repaupo-Mantua Creek
East Greenwich Township	1207	7	UNION RD	LAIL, DORIS	10.78	Repaupo-Mantua Creek
East Greenwich Township	1207	10.01	UNION ROAD	MAIN STREET DEVELOPMENT CORPORATION	6.15	Repaupo-Mantua Creek
East Greenwich Township	1207	13	189 CEDAR LANE	GLASS, JOHN R & ALICE G LEITNER-G	6.01	Repaupo-Mantua Creek
East Greenwich Township	1207	19	129 CEDAR LANE	LAIL, MARK R & KARIN L	5.36	Repaupo-Mantua Creek
East Greenwich Township	1301	1	UNION RD	LAIL, DORIS	50.92	Repaupo-Mantua Creek
East Greenwich Township	1301	2	COHAWKIN RD	POOL, E OWEN & GLADYS A	18.99	Repaupo-Mantua Creek
East Greenwich Township	1302	1	358 UNION RD	LAIL, THOMAS	36.28	Repaupo-Mantua Creek
East Greenwich Township	1302	2	UNION RD	SCHAUB, BARBARA MRS		Repaupo-Mantua Creek
East Greenwich Township	1302	8	160 CEDAR LANE	DUNN, ROBERT II		Repaupo-Mantua Creek
East Greenwich Township	1302	9	CEDAR LANE	LEPCAR CORP		Repaupo-Mantua Creek
East Greenwich Township	1303	1	COHAWKIN RD	GREEN, BARRY		Repaupo-Mantua Creek
East Greenwich Township	1303	5	166 E COHAWKIN RD	SCHAUB, BARBARA MRS		Repaupo-Mantua Creek
East Greenwich Township	1303	6	COHAWKIN RD	LOPES, MADELINE, JOSEPH, RITA, FRAN		Repaupo-Mantua Creek
East Greenwich Township	1304	1.02	212 PINE MILL RD	YATES, JOSEPHE, LOPES, MADELINE, JO		Repaupo-Mantua Creek
East Greenwich Township	1304	1.03	218 PINE MILL RD	LOPES, MADELINE, JOSEPH, RITA, FRAN		Repaupo-Mantua Creek
East Greenwich Township	1304	1.04	222 PINE MILL RD	LOPES, MADELINE, JOSEPH, RITA, FRAN		Repaupo-Mantua Creek
East Greenwich Township	1304	2	COHAWKIN RD	C/O COHAWKIN ROAD LLC		Repaupo-Mantua Creek
East Greenwich Township	1304	4	227 JESSUP MILL RD	GORDON, JAMES F & JACKIE		Repaupo-Mantua Creek
East Greenwich Township	1304	6	243 JESSUP MILL RD	GYER, JOHN		Repaupo-Mantua Creek
East Greenwich Township	1304	11	PINE MILL RD	WORKMAN, JOHN W & MARJORIE		Repaupo-Mantua Creek
East Greenwich Township	1304	15	301 JESSUP MILL RD	LEONE, JOSEPH A JR		Repaupo-Mantua Creek
East Greenwich Township	1304	2	CEDAR LANE	CRAIG, DAVID & DONNA		Repaupo-Mantua Creek
East Greenwich Township	1305	3	190 CEDAR ROAD	DEANGELIS, ELOUISE		Repaupo-Mantua Creek
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East Greenwich Township	1306	2	220 E. COHAWKIN ROAD	CRAIG, HOLLY & KEITH	7.99	Repaupo-Mantua Creek

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
East Greenwich Township	1401	2	84 E COHAWKIN RD	MIHLEBACH, CHARLES J & CATHERINE	45.47	Repaupo-Mantua Creek
East Greenwich Township	1401	5	280 COUNTY HOUSE RD	LUSKA, JOSEPH	41.22	Repaupo-Mantua Creek
East Greenwich Township	1401	5.01	86 SESAME ST	ROSENTHAL, JULIA	26.10	Repaupo-Mantua Creek
East Greenwich Township	1401	5.02	276 COUNTY HOUSE RD	LUSKA, JOSEPH		Repaupo-Mantua Creek
East Greenwich Township	1403	2	252 JESSUP MILL RD	WALSH, JEFFREY	20.32	Repaupo-Mantua Creek
East Greenwich Township	1403	13	246 JESSUP MILL RD	WALSH, JEFFREY	0.92	Repaupo-Mantua Creek
East Greenwich Township	1403	14	165 MANTUA RD	CRISTAUDO, MARY	7.26	Repaupo-Mantua Creek
East Greenwich Township	1404	1	128 MANTUA RD	SINQUETT, CARRIE	17.62	Repaupo-Mantua Creek
Elk Township	2	2.03	305 BRIDGETON PIKE	LANZA, NOREEN D	3.83	Still Run
Elk Township	2	2.05	301 BRIDGETON PIKE	LANZA, NOREEN D		Still Run
Elk Township	2	2.06	309 BRIDGETON PIKE	LANZA, NOREEN D	3.02	Still Run
Elk Township	2	9	433 EWAN RD	SPIVAK, TARAS WALTER & BARBARA	8.64	Still Run
Elk Township	5	1	328 BRIDGETON PIKE	BILL, FRANKLIN & VERNA		Still Run
Elk Township	5	7	374 BRIDGETON PIKE	LLOYD, WM. B. & KAREN R.	10.86	Still Run
Elk Township	5	9	502 BRIDGETON PIKE	MARPLE, WM S & AMY MOOD	8.69	Still Run
Elk Township	5	11.02	530 BRIDGETON PIKE	GAINES, ROBERT JR. & CINDY	1.44	Still Run
Elk Township	6	21	361 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	6.05	Still Run
Elk Township	6	22	367 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.30	Still Run
Elk Township	6	23	371 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.68	Still Run
Elk Township	6	24	375 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.72	Still Run
Elk Township	6	25	379 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.47	Still Run
Elk Township	6	26	383 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC		Still Run
Elk Township	6	27	387 BRIDGETON PIKE	HOME FARM GARDEN CENTER LLC	1.10	Still Run
Elk Township	6	39	MOODS RD	WILSON, RUTH	5.82	Still Run
Elk Township	7	1	641 BRIDGETON PIKE	THE DIOCESE OF CAMDEN	27.98	Still Run
Elk Township	8	6.01	768 BRIDGETON PIKE	LAUX LAKEVIEW PARK INC	4.98	Still Run
Elk Township	8	6.02	755 BRIDGETON PIKE	LAUX LAKEVIEW PARK INC	5.00	Still Run
Elk Township	8	6.03	746 BRIDGETON PIKE	LAUX LAKEVIEW PARK INC	3.73	Still Run
Elk Township	9	3	735 BRIDGETON PIKE	LAUX, JOSEPH P	21.58	Still Run
Elk Township	9	7.01	660 FERRELL ROAD	VASTA, PAUL S	15.16	Still Run
Elk Township	9	7.05	630 FERRELL ROAD	HKS ASSET MANAGEMENT LLC		Still Run
Elk Township	10	11.01	100 MOODS RD	SORBELLO, ROSARIO & MARY	34.94	Still Run
Elk Township	10	26	1499 ELLIS MILL ROAD	FOGG, BERTHA E - ESTATE	44.33	Still Run
Elk Township	11	2	LINCOLN RD	MOOD, RICHARD JR. & JOYCE H.	7.01	Still Run
Elk Township	11	6	BRIDGETON PIKE	MOOD, J RICHARD JR & JOYCE H		Still Run
Elk Township	11	7	900 BRIDGETON PIKE	MOOD, J RICHARD JR & JOYCE H	15.89	Still Run
Elk Township	11	11	822 BRIDGETON PIKE	ZIENNKER, WILLIAM R SR & ELAINE		Still Run
Elk Township	11	12	816 BRIDGETON PIKE	SCHWERZLER, JOHN T		Still Run
Elk Township	11	17	810 BRIDGETON PIKE	DOUGHTY, ALBERT & ELIZ		Still Run
Elk Township	11	18	BRIDGETON PIKE	CAMP, LETITIA D, SUZANNE & JOHN		Still Run
Elk Township	11	19	900 BRIDGETON PIKE	MOOD, J RICHARD JR & JOYCE H		Still Run

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Elk Township	12	1	821-841 BRIDGETON PIKE	MOOD, RICHARD	15.87	Still Run
Elk Township	12	7	699 FERRELL ROAD	MOOD, J. RICHARD JR & JOYCE H		Still Run
Elk Township	12	8	1661 ELLIS MILL ROAD	MOOD, RICHARD		Still Run
Elk Township	12	10	1675 ELLIS MILL ROAD	MOOD, J. RICHARD JR & JOYCE H		Still Run
Elk Township	15	3	901 BRIDGETON PIKE	MOOD, J RICHARD		Still Run
Elk Township	15	4	1690 ELLIS MILL RD	MOOD, J. RICHARD JR & JOYCE H		Still Run
Elk Township	15	5	LAUX RD	MOOD, J RICHARD JR & JOYCE H		Still Run
Elk Township	15	7	1674 ELLIS MILL ROAD	MOOD, J RICHARD JR & JOYCE H		Still Run
Elk Township	15	8	LAUX RD	MOOD, J RICHARD JR & JOYCE H		Still Run
Elk Township	15	9	LAUX RD	LAUX, MICHAEL J,/EST & CHAE & ACOST		Still Run
Elk Township	17	1	1500 & 1530 ELLIS MILL RD	PINO, ANGELA - ESTATE		Still Run
Elk Township	17	6.01	1490 ELLIS MILL ROAD	JOHNSON, JUDITH ANNE		Still Run
Elk Township	17	18	337 ELK RD	METCALF , HARDY H JR		Still Run
Elk Township	17	20	341 ELK RD	METCALF, HARDY H & LISA B		Still Run
Elk Township	18	7	334 ELK RD	LAUX, JOSEPH P		Still Run
Elk Township	18	14	LAUX RD	LAUX, JOSEPH P		Still Run
Elk Township	18	24	LAUX RD	LAUX, MICHAEL J,/EST & CHAE & ACOST		Still Run
	18	28	1021 & 1049 WHIG LANE	LUCAS, GEORGE		Still Run
Elk Township				· · · · · · · · · · · · · · · · · · ·		
Elk Township	18	31	1011 WHIG LANE	TOMS, KENNETH J & MYRA J		Still Run
Elk Township	18	46	462 ELK RD	LUCAS, GEORGE N & M LOUISE		Still Run
Elk Township	18	47	ELK RD	WRIGHT FARM LP		Still Run
Elk Township	18	48	ELK RD	WRIGHT FARM LP		Still Run
Elk Township	19	1	419 ELK RD	WRIGHT, GLORIA C		Still Run
Elk Township	19	12	961 WHIG LANE	LUCAS, LOUISE M		Still Run
Elk Township	19	14	HARDINGVILLE RD	WRIGHT FARM LP		Still Run
Elk Township	24	4	1456 ELLIS MILL ROAD	PINO, NATHAN F		Still Run
Elk Township	24	4.01	1460 ELLIS MILL ROAD	PINO, SALVATORE A		Still Run
Elk Township	24	6	1452 ELLIS MILL ROAD	CHEW, BRENDA J & GARY S		Still Run
Elk Township	24	14	S OF ELLIS MILL ROAD	RICHARDS, BEN %D RICHARDS		Still Run
Elk Township	27	1.01	701 CLEMS RUN	SEAGRAVE, ALAN & CLAUDIA		Still Run
Elk Township	27	2	721 CLEMS RUN	CAPELLI, MICHAEL & JOANN M		Still Run
Elk Township	27	3.01	737 CLEMS RUN	VAHEY, ANN T & HENRY WILLIAM		Still Run
Elk Township	27	3.02	739 CLEMS RUN	TERRES, ALLAN N. & ELIZABETH		Still Run
Elk Township	28	7	569 HARDINGVILLE RD	WRIGHT, WILMA M	12.21	Still Run
Elk Township	28	9	HARDINGVILLE RD	WRIGHT, WESLY H	10.97	Still Run
Elk Township	28	13	HARDINGVILLE ROAD	SMITH LAND CO LLC	42.46	Still Run
Elk Township	28	15.01	HARDINGVILLE ROAD	DEEUGENIO, LEWIS J JR	66.89	Still Run
Elk Township	28	19.01	716 CLEMS RUN	STAMBAUGH, CHRISTINE G	39.56	Still Run
Elk Township	29	3	767 CLEMS RUN	HAWKINS, GEORGE C/O CHERYL BOSE	0.91	Still Run
Elk Township	29	4	771 CLEMS RUN	HAWKINS, GEORGE C/O CHERYL BOSE	15.58	Still Run
Elk Township	29	5	775 CLEMS RUN	REUTER ENTERPRISES	29.70	Still Run

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Elk Township	29	11	799 CLEMS RUN	MICK, EDWARD H & DIANE K	, ,	Still Run
Elk Township	29	15	279 UNIONVILLE RD	REUTER ENTERPRISES		Still Run
Elk Township	29	18	AURA RD	HARRIS, MARILYN TRUSTEE		Still Run
Elk Township	29	20	641 AURA RD	AURA DEVELOPMENT GROUP LLC		Still Run
Elk Township	29	24	AURA RD	ORLEANS AT ELK TOWNSHIP LLC		Still Run
Elk Township	29	28	AURA RD	ORLEANS AT ELK TOWNSHIP, LLC		Still Run
Elk Township	29	29	AURA RD	ORLEANS AT ELK TOWHNSHIP, LLC		Still Run
Elk Township	30	2	850 JACOB HARRIS LANE	BOWERS, DANIEL		Still Run
Elk Township	30	3	840 JACOB HARRIS LANE	BOWERS, DANIEL		Still Run
Elk Township	31	2.02	AURA RD	ORLEANS AT ELK TWP LLC		Still Run
Elk Township	31	5.01	702 AURA RD	ORLEANS AT ELK TOWNSHIP, LLC		Still Run
Elk Township	31	7	AURA RD	ORLEANS AT ELK TOWNSHIP LLC		Still Run
Elk Township	31	8	AURA RD	DE EUGENIO, LEWIS J JR & LEWIS J SR		Still Run
Elk Township	31	20	AURA RD	DE EUGENIO, LEWIS J JR & LEWIS J SR		Still Run
Elk Township	31	22	AURA ROAD	ORLEANS AT ELK TWP LLC		Still Run
Elk Township	32	1	AURA RD	ORLEANS AT ELK TOWNSHIP, LLC		Still Run
Elk Township	32	3	AURA RD	ORLEANS AT ELK TOWNSHIP, LLC		Still Run
Elk Township	32	4	831 CLEMS RUN	ORLEANS AT ELK TOWNSHIP, LLC		Still Run
Elk Township	32	5	AURA RD	ORLEANS AT ELK TOWNSHIP, LLC		Still Run
•	32	6	AURA RD	ORLEANS AT ELK TOWNSHIP, LLC		Still Run
Elk Township	32		AURA RD	ORLEANS AT ELK TOWNSHIP LLC		Still Run
Elk Township	32	8	AURA RD	ORLEANS AT ELK TOWNSHIP LLC		Still Run
Elk Township		-	825 CLEMS RUN			
Elk Township	32	16.01		TUMMINIA, CHRISTOPHER R		Still Run
Elk Township	33	4	796 CLEMS RUN	GREISLER, NANCY E		Still Run
Elk Township	33	6	820 CLEMS RUN	WOOD, JEAN		Still Run
Elk Township	33	12.03	749 WHIG LANE	GRAVES, RICHARD & LORI		Still Run
Elk Township	33	12.13	933 & 941 WHIG LANE	DEEUGENIO, LEWIS J JR		Still Run
Elk Township	33	12.14	844 CLEMS RUN	SPARKS, JAMES W		Still Run
Elk Township	35	4	RAILROAD AVE	WAGNER, HERMAN	_	Still Run
Elk Township	35	5	141 RAILROAD AVE	VECCHIO, DANIEL & KATHLEEN		Still Run
Elk Township	36	1.04	111 POND VIEW COURT	GIANGRANTE, GEORGE & SUSAN		Still Run
Elk Township	36	1.05	115 POND VIEW COURT	GIANGRANTE, GEORGE & SUSAN		Still Run
Elk Township	36	1.06	110 POND VIEW COURT	GIANGRANTE, GEORGE & SUSAN		Still Run
Elk Township	36	7	859 ELK RD	FRANCIS, JOHN J & DOLORES		Still Run
Elk Township	36	8	886 ELK RD	BRADFORD, ROBERT & JACQUELINE S		Still Run
Elk Township	36	14	131 RAILROAD AVE	GOSS, FRANK J & PATRICIA A		Still Run
Elk Township	37	8	751 HARDINGVILLE RD	FISCHER, MICHAEL & LINDA		Still Run
Elk Township	38	2	970 WHIG LANE	LUCAS, M LOUISE		Still Run
Elk Township	38	3	970 WHIG LANE	LUCAS, M LOUISE		Still Run
Elk Township	38	5	HARDINGVILLE ROAD	DEAN, GEORGE		Still Run
Elk Township	38	6	ELK RD	DEAN, GEO L & MARJORIE J	0.67	Still Run

Manielinelita	Disak	1 04	Draw outs. Address	Our orle Name	Acres (GIS)	Dunings Aven
Municipality	Block	Lot	Property Address	Owner's Name	` ,	Project Area
Elk Township	39	2	ELK RD	DEAN, GEORGE L		Still Run
Elk Township	39	3	ELK RD	DEAN, GEORGE L & MARJORIE J		Still Run
Elk Township	39	3.01	542 ELK RD	DEAN, GEORGE L & MARJORIE J		Still Run
Elk Township	39	5	800 HARDINGVILLE RD	DEAN, GEORGE L & MARJORIE J		Still Run
Elk Township	39	6	820 HARDINGVILLE RD	DEAN, GEORGE L & MARJORIE J		Still Run
Elk Township	39	11	HARDINGVILLE ROAD	DEAN, BRIAN S & BRIDGET T		Still Run
Elk Township	39	14	1050 WHIG LANE	GINDHART, ISAAC P		Still Run
Elk Township	39	14.01	1050 WHIG LANE	GINDHART, ISAAC P		Still Run
Elk Township	40	8	835 HARDINGVILLE RD	BROVERO, DONALD P & MARGARET	9.18	Still Run
Elk Township	40	14	692 ELK RD	MITCHELL, PATRICK J & CHERYL L		Still Run
Elk Township	40	16	ELK ROAD	LUCCARELLA, PHILIP	16.13	Still Run
Elk Township	41	2	274 RICHWOOD RD	MARTIN, MATTHEW W & DIANE C	20.51	Still Run
Elk Township	41	10	868 ELK RD	WEBER, CHARLES A	9.45	Still Run
Elk Township	41	15.01	ELK RD	LUCCARELLA, PHILIP ESTATE OF	7.52	Still Run
Elk Township	41	16	ELK RD	LUCCARELLA, PHILIP & CATH ESTATE OF	2.85	Still Run
Elk Township	41	17	760 ELK RD	DEL BORRELLO, ANGELA	20.14	Still Run
Elk Township	41	27	274 RICHWOOD RD	MARTIN, MATTHEW W & DIANE C	70.50	Still Run
Elk Township	42	2	E OF PRSL	MENSZAK, JOHN P III	16.19	Still Run
Elk Township	42	3	ELK RD	GARDINER, PHILIP / ESTATE OF	38.81	Still Run
Elk Township	42	4	ELK RD	GARDINER, PHILIP / ESTATE OF	2.87	Still Run
Elk Township	42	5	ELK RD	GARDINER, PHILIP / ESTATE OF	10.99	Still Run
Elk Township	42	10	968 ELK RD	LUTZ, JOHN D & BONNIE L	6.41	Still Run
Elk Township	42	12	986 ELK RD	KURMLAVAGE, MICHAEL M & MARIA	22.51	Still Run
Elk Township	43	2	UPPER PITTS TWP/SALEM CTY	DARE, DAVID BRUCE	16.18	Still Run
Elk Township	44	3	BUCK RD	BUCK ROAD AT ELK LLC	26.65	Still Run
Elk Township	44	4	730 BUCK RD	FAZZIO, FRANK & VIVIAN	80.11	Still Run
Elk Township	44	6	1092 ELK RD	HAYNICZ, DANIEL & ELINOR	57.13	Still Run
Elk Township	44	8	1074 ELK RD	MCGAHA, BOB	11.16	Still Run
Elk Township	44	13	1092 ELK RD	HAYNICZ, DANIEL & ELINOR	7.25	Still Run
Elk Township	44	16	BUCK RD	FAZZIO, FRANK J	33.72	Still Run
Elk Township	45	15	DUTCH ROW RD	HURFF, JOHNSON E,SR	4.73	Still Run
Elk Township	45	16	106 DUTCH ROW RD	UNGER, CHARLES & MARGARET	7.09	Still Run
Elk Township	45	23	MONROEVILLE RD	KNORR, HOWARD, EXECUTOR	31.61	Still Run
Elk Township	46	7	610 MONROEVILLE RD	ROBERTS, MALCOLM % KAREN ROBERTS		Still Run
Elk Township	46	8	DUTCH ROW RD	HURFF, JOHNSON E,SR		Still Run
Elk Township	49	3	831 BUCK RD	BILINSKI, PATRICIA ANN & JOSEPH H		Still Run
Elk Township	49	5	815 BUCK RD	MASON, VALERIE J		Still Run
Elk Township	49	6	807 BUCK RD	WAECHTER, DENNIS S & LISA M		Still Run
Elk Township	49	7	801 BUCK RD	LANDWHER, FREDERICK		Still Run
Elk Township	50	4	1866 WILLOW GROVE RD	CALCHI, CATHERINE A & MICHAEL & FUL		Still Run
Elk Township	50	11	1834 WILLOW GROVE RD	ARBLE, ROBERT C. & MARIE V.		Still Run

					Acres
Municipality	Block	Lot	Property Address	Owner's Name	(GIS) Project Area
Elk Township	50	19	1872 WILLOW GROVE RD	OEHLERS, EDWARD	21.60 Still Run
Elk Township	51	2	ELK ROAD	OEHLERS, EDWARD	2.66 Still Run
Elk Township	51	3	ELK ROAD	OEHLERS, EDWARD	12.65 Still Run
Elk Township	51	4	1228 ELK RD	BARBARO, PHILIP A & CAROLE ANNE	13.05 Still Run
Elk Township	51	5	ELK RD	MANCINI, GERALDINE C	34.16 Still Run
Elk Township	51	8	ELK RD	BARBARO, PHILIP A & CAROLE ANNE	0.04 Still Run
Elk Township	52	1.01	426 CEDAR BRIDGE RD	METZGER, ROBERT J SR & MIRIAM R	5.53 Still Run
Elk Township	52	7	1167 ELK RD	OEHLERS, EDWARD F	7.54 Still Run
Elk Township	52	12.02	1129 ELK RD	SILVERGATE ASSOCIATES	9.35 Still Run
Elk Township	54	6	947 ELK RD	SENATORE, JOSEPH III	10.27 Still Run
Elk Township	54	6.02	961 ELK RD	KOLLER, CHARLES J & FRANCES A	10.03 Still Run
Elk Township	54	6.03	949 ELK RD	WALTER, EDWARD & JUNITA	11.43 Still Run
Elk Township	54	17	1152 AURA RD	SULLIVAN, JAMES MICHAEL & SHERRY	14.12 Still Run
Elk Township	54	20	1068 AURA RD	HAYNICZ, PETER & MICHAEL & DANIEL	110.84 Still Run
Elk Township	54	21	1062 AURA ROAD	WAGNER, JOHN H & S MARGARET	20.75 Still Run
Elk Township	55	1	CEDAR LANE	DECLEMENT, FREDERICK & JOAN ETAL	20.27 Still Run
Elk Township	55	5	AURA RD	SILVERGATE ASSOCIATES	10.36 Still Run
Elk Township	55	5.01	AURA RD	SILVERGATE ASSOCIATES	0.71 Still Run
Elk Township	55	5.02	AURA RD	SILVERGATE ASSOCIATES	0.49 Still Run
Elk Township	55	5.03	AURA RD	SILVERGATE ASSOCIATES	0.39 Still Run
Elk Township	55	5.04	AURA RD	SILVERGATE ASSOCIATES	0.55 Still Run
Elk Township	55	5.05	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.06	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.07	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.08	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.09	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.10	AURA RD	SILVERGATE ASSOCIATES	0.28 Still Run
Elk Township	55	5.11	AURA RD	SILVERGATE ASSOCIATES	0.35 Still Run
Elk Township	55	5.12	AURA RD	SILVERGATE ASSOCIATES	0.29 Still Run
Elk Township	55	5.13	AURA RD	SILVERGATE ASSOCIATES	0.32 Still Run
Elk Township	55	5.14	AURA RD	SILVERGATE ASSOCIATES	0.43 Still Run
Elk Township	55	5.15	AURA RD	SILVERGATE ASSOCIATES	0.62 Still Run
Elk Township	55	5.16	AURA RD	SILVERGATE ASSOCIATES	0.51 Still Run
Elk Township	55	5.17	AURA RD	SILVERGATE ASSOCIATES	0.36 Still Run
Elk Township	55	5.18	AURA RD	SILVERGATE ASSOCIATES	0.37 Still Run
Elk Township	55	5.19	AURA RD	SILVERGATE ASSOCIATES	0.36 Still Run
Elk Township	55	5.20	AURA RD	SILVERGATE ASSOCIATES	0.46 Still Run
Elk Township	55	5.21	AURA RD	SILVERGATE ASSOCIATES	0.21 Still Run
Elk Township	55	5.22	AURA RD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55	5.23	AURA RD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55	5.24	AURA RD	SILVERGATE ASSOCIATES	2.91 Still Run

					Acres
Municipality	Block	Lot	Property Address	Owner's Name	(GIS) Project Area
Elk Township	55	5.25	AURA RD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55	5.26	AURA RD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55	5.27	AURA RD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55	5.28	AURA RD	SILVERGATE ASSOCIATES	0.26 Still Run
Elk Township	55	5.29	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.30	AURA RD	SILVERGATE ASSOCIATES	0.45 Still Run
Elk Township	55	5.31	AURA RD	SILVERGATE ASSOCIATES	0.57 Still Run
Elk Township	55	5.32	AURA RD	SILVERGATE ASSOCIATES	0.48 Still Run
Elk Township	55	5.33	AURA RD	SILVERGATE ASSOCIATES	0.48 Still Run
Elk Township	55	5.34	AURA RD	SILVERGATE ASSOCIATES	0.55 Still Run
Elk Township	55	5.35	AURA RD	SILVERGATE ASSOCIATES	0.29 Still Run
Elk Township	55	5.36	AURA RD	SILVERGATE ASSOCIATES	0.63 Still Run
Elk Township	55	5.37	AURA RD	SILVERGATE ASSOCIATES	0.78 Still Run
Elk Township	55	5.38	AURA RD	SILVERGATE ASSOCIATES	0.49 Still Run
Elk Township	55	5.39	AURA RD	SILVERGATE ASSOCIATES	0.31 Still Run
Elk Township	55	5.40	AURA RD	SILVERGATE ASSOCIATES	0.36 Still Run
Elk Township	55	5.41	AURA RD	SILVERGATE ASSOCIATES	0.29 Still Run
Elk Township	55	5.42	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.43	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.44	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.45	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.46	AURA RD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55	5.47	AURA RD	SILVERGATE ASSOCIATES	0.29 Still Run
Elk Township	55	5.48	AURA RD	SILVERGATE ASSOCIATES	0.44 Still Run
Elk Township	55	5.49	AURA RD	SILVERGATE ASSOCIATES	0.37 Still Run
Elk Township	55	5.50	AURA RD	SILVERGATE ASSOCIATES	0.27 Still Run
Elk Township	55	5.51	AURA RD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55	5.52	AURA RD	SILVERGATE ASSOCIATES	0.35 Still Run
Elk Township	55	18.02	610 WHIG LANE	HUMPHREYS, HELEN V	9.58 Still Run
Elk Township	55.01	1	AURA ROAD	SILVERGATE ASSOCIATES	0.27 Still Run
Elk Township	55.01	2	AURA ROAD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55.01	3	AURA ROAD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55.01	4	AURA ROAD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55.01	5	AURA ROAD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55.01	6	AURA ROAD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55.01	7	AURA ROAD	SILVERGATE ASSOCIATES	0.27 Still Run
Elk Township	55.02	1	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.02	2	AURA ROAD	SILVERGATE ASSOCIATES	0.21 Still Run
Elk Township	55.02	3	AURA ROAD	SILVERGATE ASSOCIATES	0.23 Still Run
Elk Township	55.02	4	AURA ROAD	SILVERGATE ASSOCIATES	0.57 Still Run
Elk Township	55.02	5	AURA ROAD	SILVERGATE ASSOCIATES	0.36 Still Run

					Acres
Municipality	Block	Lot	Property Address	Owner's Name	(GIS) Project Area
Elk Township	55.02	6	AURA ROAD	SILVERGATE ASSOCIATES	0.23 Still Run
Elk Township	55.02	7	AURA ROAD	SILVERGATE ASSOCIATES	0.39 Still Run
Elk Township	55.02	8	AURA ROAD	SILVERGATE ASSOCIATES	0.30 Still Run
Elk Township	55.02	9	AURA ROAD	SILVERGATE ASSOCIATES	0.34 Still Run
Elk Township	55.02	10	AURA ROAD	SILVERGATE ASSOCIATES	0.32 Still Run
Elk Township	55.02	11	AURA ROAD	SILVERGATE ASSOCIATES	0.31 Still Run
Elk Township	55.02	12	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.02	13	AURA ROAD	SILVERGATE ASSOCIATES	0.29 Still Run
Elk Township	55.02	14	AURA ROAD	SILVERGATE ASSOCIATES	0.29 Still Run
Elk Township	55.02	15	AURA ROAD	SILVERGATE ASSOCIATES	0.29 Still Run
Elk Township	55.02	16	AURA ROAD	SILVERGATE ASSOCIATES	0.27 Still Run
Elk Township	55.02	17	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.02	18	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.02	19	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.02	20	AURA ROAD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55.02	21	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.02	22	AURA ROAD	SILVERGATE ASSOCIATES	0.29 Still Run
Elk Township	55.02	23	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.02	24	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.02	25	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.02	26	AURA ROAD	SILVERGATE ASSOCIATES	0.23 Still Run
Elk Township	55.02	27	AURA ROAD	SILVERGATE ASSOCIATES	0.21 Still Run
Elk Township	55.02	28	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.02	29	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.02	30	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.02	31	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.02	32	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.02	33	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.02	34	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.02	35	AURA ROAD	SILVERGATE ASSOCIATES	0.21 Still Run
Elk Township	55.02	36	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	37	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	38	AURA ROAD	SILVERGATE ASSOCIATES	0.21 Still Run
Elk Township	55.02	39	AURA ROAD	SILVERGATE ASSOCIATES	0.21 Still Run
Elk Township	55.02	40	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	41	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	42	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	43	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	44	AURA ROAD	SILVERGATE ASSOCIATES	0.28 Still Run
Elk Township	55.02	45	AURA ROAD	SILVERGATE ASSOCIATES	0.27 Still Run
Elk Township	55.02	46	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run

					Acres
Municipality	Block	Lot	Property Address	Owner's Name	(GIS) Project Area
Elk Township	55.02	47	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	48	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	49	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	50	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.02	51	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.03	1	AURA ROAD	SILVERGATE ASSOCIATES	0.28 Still Run
Elk Township	55.03	2	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	3	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	4	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	5	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	6	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	7	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.03	8	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	9	AURA ROAD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55.03	10	AURA ROAD	SILVERGATE ASSOCIATES	0.25 Still Run
Elk Township	55.03	11	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	12	AURA ROAD	SILVERGATE ASSOCIATES	0.21 Still Run
Elk Township	55.03	13	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	14	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	15	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	16	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	17	AURA ROAD	SILVERGATE ASSOCIATES	0.20 Still Run
Elk Township	55.03	18	AURA ROAD	SILVERGATE ASSOCIATES	0.28 Still Run
Elk Township	55.04	1	AURA ROAD	SILVERGATE ASSOCIATES	0.31 Still Run
Elk Township	55.04	2	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	3	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	4	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	5	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	6	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	7	AURA ROAD	SILVERGATE ASSOCIATES	0.23 Still Run
Elk Township	55.04	8	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	9	AURA ROAD	SILVERGATE ASSOCIATES	0.27 Still Run
Elk Township	55.04	10	AURA ROAD	SILVERGATE ASSOCIATES	0.27 Still Run
Elk Township	55.04	11	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	12	AURA ROAD	SILVERGATE ASSOCIATES	0.24 Still Run
Elk Township	55.04	13	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	14	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	15	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	16	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	17	AURA ROAD	SILVERGATE ASSOCIATES	0.22 Still Run
Elk Township	55.04	18	AURA ROAD	SILVERGATE ASSOCIATES	0.32 Still Run

					Acres	
Municipality	Block	Lot	<b>Property Address</b>	Owner's Name	(GIS)	Project Area
Elk Township	55.05	1	AURA ROAD	SILVERGATE ASSOCIATES	0.31	Still Run
Elk Township	55.05	2	AURA ROAD	SILVERGATE ASSOCIATES	0.20	Still Run
Elk Township	55.05	3	AURA ROAD	SILVERGATE ASSOCIATES		Still Run
Elk Township	55.05	4	AURA ROAD	SILVERGATE ASSOCIATES		Still Run
Elk Township	55.05	5	AURA ROAD	SILVERGATE ASSOCIATES	0.35	Still Run
Elk Township	55.05	6	AURA ROAD	SILVERGATE ASSOCIATES	0.26	Still Run
Elk Township	55.05	7	AURA ROAD	SILVERGATE ASSOCIATES	0.29	Still Run
Elk Township	55.05	8	AURA ROAD	SILVERGATE ASSOCIATES	0.20	Still Run
Elk Township	55.05	9	AURA ROAD	SILVERGATE ASSOCIATES	0.22	Still Run
Elk Township	55.05	10	AURA ROAD	SILVERGATE ASSOCIATES	0.23	Still Run
Elk Township	55.05	11	AURA ROAD	SILVERGATE ASSOCIATES	0.20	Still Run
Elk Township	55.05	12	AURA ROAD	SILVERGATE ASSOCIATES	0.24	Still Run
Elk Township	55.05	13	AURA ROAD	SILVERGATE ASSOCIATES	0.26	Still Run
Elk Township	55.05	14	AURA ROAD	SILVERGATE ASSOCIATES	0.20	Still Run
Elk Township	55.05	15	AURA ROAD	SILVERGATE ASSOCIATES	0.25	Still Run
Elk Township	55.05	16	AURA ROAD	SILVERGATE ASSOCIATES	0.20	Still Run
Elk Township	55.05	17	AURA ROAD	SILVERGATE ASSOCIATES	0.23	Still Run
Elk Township	58	1	625 WHIG LANE	ORLEANS AT ELK TOWNSHIP LLC	21.27	Still Run
Elk Township	62	3.01	555 WHIG LANE	SILVERGATE ASSOCIATES	43.13	Still Run
Elk Township	62	3.02	555 WHIG LANE	SILVERGATE ASSOCIATES	2.41	Still Run
Elk Township	62	16	110 STANGER AVE	SWANSON, ARTIE L.	7.75	Still Run
Elk Township	63	2.01	240 BUCK ROAD	SILVERGATE ASSOCIATES/SUITE 105	1.00	Still Run
Elk Township	63	2.02	240 BUCK ROAD	SILVERGATE ASSOCIATES/SUITE 105	90.08	Still Run
Elk Township	65	4.02	670 FAIRVIEW RD	SILVERGATE ASSOCIATES	10.25	Still Run
Elk Township	65	5	BUCK RD	SILVERGATE ASSOCIATES	70.15	Still Run
Elk Township	67	1	375 UNION STREET	METZ, MARYANN	11.86	Still Run
Elk Township	67	19	279 UNION STREET	NELKE, PAUL	20.27	Still Run
Elk Township	67	21	259 UNION STREET	CORDETTI, DAVID	9.56	Still Run
Elk Township	67	22	263 UNION STREET	CORDETTI, DAVID P	12.22	Still Run
Elk Township	67	44	AURA RD	BOWERS, DANIEL	10.81	Still Run
Elk Township	68	8	268 UNION STREET	MORRISON, JEROME E & MARGARET M	9.59	Still Run
Elk Township	68	10	240 UNION STREET	DEEUGENIO, LEWIS J JR	63.60	Still Run
Elk Township	170	14	FAIRVIEW ROAD	SILVERGATE ASSOCIATES JOINT VENTURE	44.97	Still Run
Elk Township	170	17	487 WHIG LANE	FRENCH, RONALD E & BARBARA	7.76	Still Run
Elk Township	170	18	477 WHIG LANE	SILVERGATE ASSOCIATES	34.81	Still Run
Elk Township	171	24	501 FAIRVIEW ROAD	KOZACHYN, STEPHEN M III & LISA M	2.14	Still Run
Elk Township	172	1.01	490 WHIG LANE	FERGUSON, DAVID J	6.89	Still Run
Elk Township	172	6	472 WHIG LANE	CHARNITSKY, DANIEL & PATRICIA	13.97	Still Run
Elk Township	172	7	440 WHIG LANE	DIOCESE OF CAMDEN	27.09	Still Run
Elk Township	172	10	BUCK RD	SILVER LAKE ASSOC / DENNIS KING	3.92	Still Run
Elk Township	172	11	BUCK RD	SILVER LAKE ASSOC / DENNIS KING	13.70	Still Run

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
	174	1	BUCK RD	SILVERGATE ASSOCIATES	47.16 Still Run
Elk Township		-			
Elk Township	175	7	1092 ELK RD	HAYNICZ, DANIEL WILLIAM & KATHLEEN	27.94 Still Run
Elk Township	175	8	1198 AURA RD	FREEMAN, EDITH / ESTATE OF:	2.81 Still Run
Elk Township	175	9	1198 AURA RD	FREEMAN, EDITH / ESTATE OF:	4.74 Still Run
Elk Township	175	11	1192 AURA RD	BARR, WILLIAM C JR & DEBRA A	7.28 Still Run
Elk Township	175	12	1188 AURA RD	BOWERS, BARBARA A	8.79 Still Run
Elk Township	175	12.01	AURA RD	MASTON, KAREN RUTH	5.83 Still Run
Elk Township	175	12.02	AURA RD	GASSLER, ROBERT G	4.89 Still Run
Elk Township	175	13	1186 AURA RD	GASSLER, ROBERT G	6.70 Still Run
Elk Township	176	3	1189 AURA RD	GASSLER, TIM E & CATHERINE	10.80 Still Run
Elk Township	177	2.02	CEDAR LANE	TRIPLET PROPERTIES LLC	7.16 Still Run
Elk Township	178	1	SILVER LAKE	SILVER LAKE ASSOC / DENNIS KING	19.96 Still Run
Elk Township	178	17	245 CLAYTON AVE	SINGH, RAGHVIR & JASVIR & R. KAUR	7.88 Still Run
Elk Township	178	22	259 CLAYTON AVE	SILVER LAKE ASSOC / DENNIS KING	2.78 Still Run
Elk Township	215	1	201 CEDAR BRIDGE RD	SILVER LAKE ASSOC / DENNIS KING	5.01 Still Run
Elk Township	217	1	1265 ELK RD	ERDWEIN, JOHN V	43.26 Still Run
Franklin Township	102	9	1308 WASHINGTON AVE	NAPOLI, DANTE L & MARIE A	26.03 Still Run
Franklin Township	103	3	FRIES MILL RD	RONE, LINDA A & MAGNUSON, CHARLES E	6.05
Franklin Township	103	52	2651 WILLIAMSTOWN RD	KRONBERGER, JOHN & ROSEMARIE	12.70
Franklin Township	103	53	2641 WILLIAMSTOWN RD	KRONBERGER, JOHN & ROSEMARIE	25.48
Franklin Township	103	59	WASHINGTON AVE	DIOCESE OF CAMDEN	14.71
Franklin Township	104	41	1503 CLAYTON-WILLIAMSTOWN	HEGGE, B;MCGROARTY, L;HEGGE, S	23.16
Franklin Township	104	42	1332 WILLIAMSTOWN RD	JORDAN, WARD D & ETALS	28.66
Franklin Township	301	12	2794 WILLIAMSTOWN RD	CATLIN, BRENT MARTIN	42.28
Franklin Township	401	1	259 FERGESON AVE	COELHO, EDUARDO & LUCINDA	19.99
Franklin Township	402	44	248 FERGESON AVE	MILLIGAN, GEORGE	4.99
Franklin Township	402	45	330 FERGESON AVE	MILLIGAN, GEORGE J	12.67
Franklin Township	602	15	2965 EAST GRANT AVE	SCHWARTZ, DANIEL C & PAULA JEAN	4.52
Franklin Township	602	21	4066 HANCOCK AVE	SCHWARTZ, DANIEL C & FAULA JEAN SCHWARTZ, DANIEL C IRRAFBO	3.87
	602	22	4066 HANCOCK AVE	SCHWARTZ, DANIEL C IRRAFBO	5.08
Franklin Township	701	14			
Franklin Township			2633 SHERIDAN AVE	KASSAB, LOUIS J,JR & MARIE HELEN	12.81 Pinelands North
Franklin Township	701	15.01	2561 SHERIDAN AVE	RONEY, JOHN J & JEANNE D	11.77 Pinelands North
Franklin Township	701	16	1876 STANTON AVE	BRONK, CHARLES H & BYFORD, TRACYLEA	32.48 Pinelands North
Franklin Township	701	22	1942 STANTON AVE	DANLEY, APRIL JOY	11.22
Franklin Township	702	13	4289 WEST MALAGA RD	FAUBELL, PAUL H & P DAVID & JEANNE	59.18 Pinelands North
Franklin Township	702	14	WEST MALAGA RD	FAUBELL, ROBERT, PATRICIA & JEFFREY	53.35 Pinelands North
Franklin Township	702	14.01	WEST MALAGA RD	FAUBELL, PAUL DAVID	31.12 Pinelands North
Franklin Township	702	15	4047 WEST MALAGA RD	FAUBELL, ROBERT E & PATRICIA A	25.23 Pinelands North
Franklin Township	702	40	TUCKAHOE RD	FAUBELL, PAUL DAVID	15.16 Pinelands North
Franklin Township	702	41	TUCKAHOE RD	FAUBELL, PAUL DAVID	2.46 Pinelands North
Franklin Township	702	42	TUCKAHOE RD	FAUBELL, PAUL H, P DAVID & JEANNE	15.88 Pinelands North

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Franklin Township	702	42.01	3566 TUCKAHOE RD	BOOTH, JAMES J & MARGARET	5.67	Pinelands North
Franklin Township	702	44	TUCKAHOE RD	FAUBELL, PAUL DAVID	3.11	Pinelands North
Franklin Township	702	45	3658 TUCKAHOE RD	FAUBELL, PAUL DAVID	47.13	Pinelands North
Franklin Township	702	46	3682 TUCKAHOE RD	FAUBELL, PAUL DAVID	4.67	Pinelands North
Franklin Township	702	47	TUCKAHOE RD	FAUBELL, PAUL DAVID	0.95	Pinelands North
Franklin Township	702	48	TUCKAHOE RD	FAUBELL, PAUL DAVID	0.47	Pinelands North
Franklin Township	703	12	3292 TUCKAHOE RD	T MONEY PROPERTIES,LLC	15.40	Pinelands South
Franklin Township	802	4	2110 GRANT AVE	HIRD, ALFRED & DIANNE M	8.01	
Franklin Township	802	19	1955-1967 STANTON AVE	AVIS, SHARON LYNN & ECKER, LONA BET	3.65	Pinelands North
Franklin Township	802	20	STANTON AVE	AVIS, SHARON LYNN & ECKER, LONA BET	17.81	Pinelands North
Franklin Township	802	21	STANTON AVE	OLSEN, HAROLD R & MARGARET H	13.23	Pinelands North
Franklin Township	802	39	732 LINCOLN AVE	HIRD, ALFRED & DIANNE MARIE	1.36	
Franklin Township	802	39.01	700 LINCOLN AVE	HIRD, ALFRED & DIANNE MARIE	0.83	
Franklin Township	901	15.02	3207 COLES MILL RD	DECARO, RONALD & WILHELMINA	13.66	
Franklin Township	905	1	1751 STANTON AVE	OLSEN, HAROLD & MARGARET	20.11	Pinelands North
Franklin Township	1001	12	STANTON AVE	MORANO, JOHN	17.39	Pinelands South
Franklin Township	1001	28	STANTON AVE	OTT, ALBERT C & LYNN T	21.54	Pinelands South
Franklin Township	1001	30	STANTON AVE	OTT, ALBERT & LYNN		Pinelands South
Franklin Township	1001	33	1178 STANTON AVE	OTT, ALBERT C & LYNN T	4.45	Pinelands South
Franklin Township	1001	34	1248 STANTON AVE	OTT, ALBERT C & LYNN T	8.02	Pinelands South
Franklin Township	1001	35	1218 STANTON AVE	OTT, ALBERT C & LYNN T	2.58	Pinelands South
Franklin Township	1001	51	3468 COLES MILL RD	VASTA, SARAH	10.77	Pinelands South
Franklin Township	1001	52	COLES MILL RD	VASTA, SUZANNE M	5.57	Pinelands South
Franklin Township	1001	74	COLES MILL RD (REAR)	VASTA, SUZANNE M	24.85	Pinelands South
Franklin Township	1001	83	3215 MAIN RD	CANNON, JAMES & SANDY J	63.33	Pinelands South
Franklin Township	1001	84	3189 MAIN RD	BAKER, RUTH EDELSTEIN	20.01	Pinelands South
Franklin Township	1001	91	1641 MARSHALL MILL RD	MORANO, JOHN	5.00	Pinelands South
Franklin Township	1001	92	MARSHALL MILL RD	MORANO, JOHN	1.20	Pinelands South
Franklin Township	1002	26	3737 COLES MILL RD	TORRE, CECILIA	15.89	
Franklin Township	1002.03	6	1664 STANTON AVE	BRUSHA, DANIEL J	9.81	Pinelands North
Franklin Township	1002.03	11	2525 SHERIDAN AVE	DYER, STEPHEN G & CHARLOTTE	8.96	Pinelands North
Franklin Township	1002.03	11.01	2480 SHERIDAN AVE	ROLLO, FRANK JR	9.52	Pinelands North
Franklin Township	1101	40	1067 MARSHALL MILL RD	FLAHERTY, JOSEPH & CAMILLE	62.53	Pinelands South
Franklin Township	1101	49	MARSHALL MILL RD	CAIRONE, LOUIS & JUNE	8.87	Pinelands South
Franklin Township	1101	52	CARPENITO AVE	BRESCIA, PETER & LINDA SUE	7.58	Pinelands South
Franklin Township	1101	53	757 MARSHALL MILL RD	BRESCIA, PETER & LINDA SUE	3.02	Pinelands South
Franklin Township	1101	56	1135 MARSHALL MILL RD	LERMAN REALTY C/O ARQEO MANAGEMENT	449.17	Pinelands South
Franklin Township	1101	87	1348 PENNSYLVANIA AVE	ZAMBRANO, ROBERT & ETALS	15.61	Pinelands South
Franklin Township	1101	88	1412 PENNSYLVANIA AVE	KLING, BARRY J & TOMLINSON, CYNTHIA	37.98	Pinelands South
Franklin Township	1101	104.02	STANTON AVE	OTT, ALBERT C & LYNN D	27.80	Pinelands South
Franklin Township	1101	105	1143 STANTON AVE	ZEUGNER, ANDREW A	51.94	Pinelands South

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Franklin Township	1101	106	STANTON AVE	ZEUGNER, ANDREW A	1.31	Pinelands South
Franklin Township	1101	109	STANTON AVE	KOWAL, JOHN M & DOROTHY J	33.52	Pinelands South
Franklin Township	1101	110	STANTON AVE	KOWAL, JOHN M & DOROTHY J	15.88	Pinelands South
Franklin Township	1101	115	STANTON AVE	DJN MASSO LLC;MASSO, RICHARD	76.28	Pinelands South
Franklin Township	1101	120.01	STANTON AVE	BUTCH, JAMES R & ANNA M	10.78	Pinelands South
Franklin Township	1201	1	PENNSYLVANIA AVE	LERMAN REALTY C/O ARQEO MANAGEMENT	66.44	Pinelands South
Franklin Township	1201	2	DELSEA DR (REAR)	LERMAN, MILES & ROSALIE C/O ARQEO	165.13	Pinelands South
Franklin Township	1201	3	CARPENITO AVE	LERMAN REALTY C/O ARQEO MANAGEMENT	3.62	Pinelands South
Franklin Township	1201	4	CARPENITO AVE	LERMAN, MILES & R C/O ARQEO MGMNT	18.66	Pinelands South
Franklin Township	1201	6	CARPENITO AVE	LERMAN, MILES & R C/O ARQEO MGMNT	18.80	Pinelands South
Franklin Township	1201	8	CARPENITO AVE	LERMAN, MILES & R C/O ARQEO MGMNT	15.73	Pinelands South
Franklin Township	1201	12	NOTHNICK LANE	LERMAN REALTY C/O ARQEO MANAGEMENT	2.23	Pinelands South
Franklin Township	1201	14	651 MARSHALL MILL RD	ALSPACH, JAMES B & DOREEN F	20.16	Pinelands South
Franklin Township	1201	17	551 MARSHALL MILL RD	CHON, IN SU	32.76	Pinelands South
Franklin Township	1201	18	493 MARSHALL MILL RD	ALSPACH, JAMES B & DOREEN	8.67	Pinelands South
Franklin Township	1201	20	433 MARSHALL MILL RD	SUMMERS, RUSSELL H & JACQUELINE L	21.23	Pinelands South
Franklin Township	1201	24	205 NOTHNICK LANE	NOTHNICK, WARREN & DOLORES	17.80	Pinelands South
Franklin Township	1201	25	123 NOTHNICK LANE	NOTHNICK, WARREN & DOLORES	3.87	Pinelands South
Franklin Township	1201	26	1262 DELSEA DR	LERMAN REALTY C/O ARQEO MANAGEMENT	6.41	Pinelands South
Franklin Township	1201	27	1288 DELSEA DR	LERMAN REALTY C/O ARQEO MANAGEMENT	4.23	Pinelands South
Franklin Township	1201	28	DELSEA DR	LERMAN REALTY C/O ARQEO MANAGEMENT	10.97	Pinelands South
Franklin Township	1201	57	468 PENNSYLVANIA AVE	WASHINGTON, MARGUERITE		Pinelands South
Franklin Township	1201	57.02	PENNSYLVANIA AVE	WASHINGTON, MARGUERITE	1.47	Pinelands South
Franklin Township	1201	57.04	PENNSYLVANIA AVE	WASHINGTON, MARGUERITE	1.47	Pinelands South
Franklin Township	1201	70	PENNSYLVANIA AVE	LERMAN REALTY C/O ARQEO MANAGEMENT	3.09	Pinelands South
Franklin Township	1201	71	658 PENNSYLVANIA AVE	LERMAN REALTY C/O ARQEO MANAGEMENT	1.69	Pinelands South
Franklin Township	1306	18	954 DELSEA DR	DECESARI, ENESS E	17.50	Pinelands South
Franklin Township	1401	26	434 PROPOSED AVE	PATTERSON, BRUCE W & MARLENE	10.22	
Franklin Township	1401	27	PROPOSED AVE	PATTERSON, BRUCE W & MARLENE	5.07	
Franklin Township	1401	34	630 PROPOSED AVE	CORTESE, JOHN ANTHONY & JANET T	9.21	
Franklin Township	1602	13.01	2601 COLES MILL RD	SIMPKINS, GREGORY A & KATHY	4.70	
Franklin Township	1602	13.02	2617 COLES MILL RD	SIMPKINS, GREGORY A & KATHY	10.79	
Franklin Township	1602	14	COLES MILL RD (REAR)	SIMPKINS, GREGORY A & KATHY	26.81	
Franklin Township	1603	7	202 ELY AVE	LANGE, KENNETH R & BARBARA STELLA-	6.92	
Franklin Township	1701	24	2299 COLES MILL RD	WILLIAMS, MARK L & MARIANNE J	20.34	
Franklin Township	1901	1	961 JACKSON AVE	ROMAN, GINA		Still Run
Franklin Township	1901	11	771 EAST AVE	DOLINSKI, ALFRED R JR & ELIZABETH A		Still Run
Franklin Township	1901	27	649 EAST AVE	BOTTARO, LAWRENCE & KATHLEEN		Still Run
Franklin Township	1902	1	1457 FRIES MILL RD	KIEFER,L: DONAHOWER,J: KRUSE,K @		Still Run
Franklin Township	1903	1	FRIES MILL RD	KENNEDY, MARY W		Still Run
Franklin Township	1903	5	1019 WASHINGTON AVE	FRIE, GEORGE F III & MCCURDY, PAULA	7.73	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Franklin Township	1903	6	1019 WASHINGTON AVE	FRIE, GEORGE F III & MCCURDY, PAULA	4.95
Franklin Township	1903	7	WASHINGTON AVE	FRIE, GEORGE F III & MCCURDY, PAULA	4.98
Franklin Township	1903	11	945 WASHINGTON AVE	PIZZELLI. DANIEL	4.58
Franklin Township	1903	12.01	WASHINGTON AVE	PIZZELLI, DANIEL L	3.89
Franklin Township	1903	14	851 WASHINGTON AVE	PIZZELLI, DANIEL & JANET ANN	13.85
Franklin Township	1903	27.05	138 LACEY RAE DR	TATE, THOMAS A & PAMELA B	8.56
Franklin Township	1903	63	1578 FRIES MILL RD	KENNEDY, MARY W	13.25 Still Run
Franklin Township	2001	4	826 GRANT AVE	MATHIESEN, JOHN	17.56
Franklin Township	2001	11	FRIES MILL RD	ARAWAK PAVING COMPANY,INC	60.81
Franklin Township	2001	16	407 BLACKWOOD AVE	SULLIVAN, DREW	39.54
Franklin Township	2001	28	295 BLACKWOOD AVE	VITALE, RUSSELL JR & KELLY ANNE	13.85
Franklin Township	2002	28.01	FRIES MILL RD	ATKINSON, HAROLD R,JR	10.74
Franklin Township	2002	30	1198 FRIES MILL RD	ATKINSON, HAROLD R,JR	3.09
Franklin Township	2002	52.01	1745 WILLIAMSTOWN RD	LECKENBUSCH, RAYMOND & DEBRA	11.96
Franklin Township	2102	3	2752 DELSEA DR	KUHN, WILLIAM & SHERRY DENISE	18.57
Franklin Township	2102	20	3034 DELSEA DR	PORCH, LAFAYETTE; DONALD; STEVEN	41.82
Franklin Township	2102	22	3102 DELSEA DR	DOUGHERTY, WILLIAM J & SUSAN C	3.31
Franklin Township	2103	22	3101 DELSEA DR	DOUGHERTY, WILLIAM J & SUSAN C	5.03
Franklin Township	2103	40	DELSEA DR	CARR, BRUCE R & MARY E	1.80
Franklin Township	2103	41	2783 DELSEA DR	CARR, BRUCE R & MARY E	3.12
Franklin Township	2103	42	2783 DELSEA DR	CARR, BRUCE R & MARY E	1.93
Franklin Township	2302	1	EAST AVE	ALL AMERICAN FARMS, LLC	26.71 Still Run
Franklin Township	2302	2	EAST AVE (REAR)	ALL AMERICAN FARMS, LLC	14.96 Still Run
Franklin Township	2302	30	DELSEA DR	ALL AMERICAN FARMS, LLC	55.35 Still Run
Franklin Township	2401	1	SOUTH BROAD ST	MILL CREEK ASSOCIATES	12.24 Still Run
Franklin Township	2403	10	RAILROAD AVE FARM	WINZINGER, ROBERT T, INC	39.54
Franklin Township	2403	13	WILSON AVE (REAR)	WINZINGER, ROBERT T, INC	13.77
	2403	14	` ,	WINZINGER, ROBERT T,INC	9.02
Franklin Township Franklin Township	2403	10	WILSON AVE (REAR) SWEDESBORO RD	THE LORRAINE SCHOBER FAMILY TRUST	9.02 13.34   Still Run
	2404	11	856 SWEDESBORO RD	THE LORRAINE SCHOBER FAMILY TRUST	46.27 Still Run
Franklin Township					4.59 Still Run
Franklin Township	2404	12	SWEDESBORO RD	THE LORRAINE SCHOBER FAMILY TRUST	
Franklin Township	2404	17	1018 SWEDESBORO RD	MCCANN, BRENDA L	11.86 Still Run
Franklin Township	2404	18	ARBUTUS AVE	MCCANN, BRENDA L	28.99 Still Run
Franklin Township	2501	2	SWEDESBORO RD	MANCINI, GERALDINE C	62.02 Still Run
Franklin Township	2601	1	1065 SWEDESBORO RD	TONELLI, ANTHONY R	61.67 Still Run
Franklin Township	2601	3	SWEDESBORO RD	WAGNER, DIANE E (AKA MAGNER)	8.32 Still Run
Franklin Township	2601	4	SWEDESBORO RD	SCHOBER, DIANE E (AKA WAGNER)	1.07 Still Run
Franklin Township	2601	6	SWEDESBORO RD	THE LORRAINE SCHOBER FAMILY TRUST	21.97 Still Run
Franklin Township	2601	9	SWEDESBORO RD	THE LORRAINE SCHOBER FAMILY TRUST	8.67 Still Run
Franklin Township	2601	38	1907 MONROEVILLE RD	DRISSEL, THOMAS S & KAY E	18.04 Still Run
Franklin Township	2601	42	MONROEVILLE RD	LORRAINE SCHOBER FAMILY TRUST	4.26 Still Run

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Franklin Township	2601	47	1675 MONROEVILLE RD	LASPATA, ANGELO & PATRICIA		Still Run
Franklin Township	2701	20.01	MONROEVILLE RD	HURFF, MYRON E & DARLENE S		Still Run
Franklin Township	2702	2	1193 WILLOW GROVE RD	EXLEY, WILLIAM H & STEPHANIE H		Still Run
Franklin Township	2702	4	1115 WILLOW GROVE RD	THE LORRAINE SCHOBER FAMILY TRUST	58.15	Still Run
Franklin Township	2702	19	1378 MONROEVILLE RD	KALNAS, PETER P & PAUL E		Still Run
Franklin Township	2702	19.02	GARRISON RD	KALNAS, PETER P & PAUL E		Still Run
Franklin Township	2702	20	BUCK & GARRISON RD	HURFF, JOHNSON E,SR		Still Run
Franklin Township	2702	21	BUCK & GARRISON RD	HURFF, JOHNSON E,SR	7.86	Still Run
Franklin Township	2702	27	1512 MONROEVILLE RD	B&C EXLEY,LLC	15.29	Still Run
Franklin Township	2703	15	494 GARRISON RD	CLOAK, DAVID C	10.50	Still Run
Franklin Township	2703	16	556 GARRISON RD	CLOAK, ALVIN J JR & MARGARET M	13.92	Still Run
Franklin Township	2703	17	GARRISON RD	CLOAK, ALVIN J JR & MARGARET M	9.81	Still Run
Franklin Township	2703	23	GARRISON RD	SCOTT, ANNE MAY @ R SCOTT	4.30	Still Run
Franklin Township	2703	24	748 GARRISON RD	SCOTT, ANNE MAY @ R SCOTT	8.62	Still Run
Franklin Township	2703	40	587 WILLOW GROVE RD	KALNAS, CHARLES & PETER	39.43	Still Run
Franklin Township	2801	6	1718 MONROEVILLE RD	BILINSKI, JOSEPH & PATRICIA A	41.56	Still Run
Franklin Township	2801	19	MONROEVILLE RD	LACHOWICZ, MARK C & ETALS	14.16	Still Run
Franklin Township	2801	31	ROYAL AVE (FARM)	MELLEADY, JOHN & KEEFER, VIRGINIA	11.07	Still Run
Franklin Township	2801	38	ROYAL AVE	BILINSKI, JOSEPH H & PATRICIA A	50.89	Still Run
Franklin Township	2801	43	721 ROYAL AVE	BILINSKI, JOSEPH H & PATRICIA A	21.14	Still Run
Franklin Township	2801	45	628 ROYAL AVE	HALE, LISA, TRUSTEE	40.15	Still Run
Franklin Township	2801	48	515 ROYAL AVE	NICHOLS, JOSEPH P & VICTORIA A	5.00	Still Run
Franklin Township	2801	49	WILLOW GROVE RD	HALE, LISA, TRUSTEE	6.00	Still Run
Franklin Township	2801	50.01	WILLOW GROVE RD	BILINSKI, JOSEPH H & PATRICIA A	23.10	Still Run
Franklin Township	2801	51	WILLOW GROVE RD	BILINSKI, JOSEPH H & PATRICIA A		Still Run
Franklin Township	2801	52	WILLOW GROVE RD	BILINSKI, JOSEPH H & PATRICIA A	38.53	Still Run
Franklin Township	2806	6	PINE ST	MELLEADY, JOHN P & KEEFER, VIRGINIA	0.23	Still Run
Franklin Township	3101	1	225 TAYLOR RD	GELFAND, MICHAEL C & EDITH M		Still Run
Franklin Township	3101	3	WILLOW GROVE RD	GELFAND, MICHAEL C & EDITH M		Still Run
Franklin Township	3101	31	TAYLOR RD	GELFAND, MICHAEL C & EDITH M	34.83	Still Run
Franklin Township	3103	1	115 WILLOW GROVE RD	MCCOOL, GEORGIANNA P		Still Run
Franklin Township	3103	2	WILLOW GROVE RD	MCCOOL, JOSEPH & GEORGIANNA		Still Run
Franklin Township	3103	3	WILLOW GROVE RD	MCCOOL, JOSEPH		Still Run
Franklin Township	3202	33	321 PORCHTOWN RD	GAMBINO, ROBERT J & ARLEEN F		Still Run
Franklin Township	3506	1	2165 DELSEA DR	GROCHOWSKI,L/KIEFER,L/DONAHOWER,J	15.64	
Franklin Township	3507	13	2359 DELSEA DR	KIEFER, THEODORE F & LORRAINE A	6.23	
Franklin Township	3802	11	681 FRIES MILL RD	MCCONNELL, PEGGY M	7.27	
Franklin Township	3802	12	681 FRIES MILL RD	MCCONNELL, PEGGY M	23.12	
Franklin Township	3802	16	713 FRIES MILL RD	MCCONNELL, PEGGY M	4.54	
Franklin Township	4204	3	DELSEA DR & LEONARD CAKE	H&H INVESTMENTS-FRANKLINVILLE,LLC	8.46	
Franklin Township	4301	6	17TH ST	RONE, VICTOR F	0.46	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Franklin Township	4301	7	17TH ST	RONE, VICTOR F	0.82
Franklin Township	4301	8	17TH ST	RONE, VICTOR F	1.86
Franklin Township	4301	9	18TH ST	RONE, VICTOR F	1.77
Franklin Township	4301	10	18TH ST	RONE, VICTOR F	2.18
Franklin Township	4302	1	18TH ST	RONE, VICTOR F	1.58
Franklin Township	4303	1	18TH ST	RONE, VICTOR F	1.25
Franklin Township	4304	1	18TH ST	RONE, VICTOR F	0.32
Franklin Township	4305	1	17TH ST	RONE, VICTOR F	1.61
Franklin Township	4306	1	17TH ST	RONE, VICTOR F	1.88
Franklin Township	4307	1	17TH ST	RONE, VICTOR F	1.73
Franklin Township	4308	1	17TH ST	RONE, VICTOR F	1.85
Franklin Township	4309	1	17TH ST	RONE, VICTOR F	1.78
Franklin Township	4310	1	16TH ST	RONE, VICTOR F	1.82
Franklin Township	4311	1	16TH ST	RONE, VICTOR F	1.86
Franklin Township	4312	1	16TH ST	RONE, VICTOR F	1.85
Franklin Township	4313	1	16TH ST	RONE, VICTOR F	1.82
Franklin Township	4314	1	16TH ST	RONE, VICTOR F	1.86
Franklin Township	4315	1	16TH ST	RONE, VICTOR F	1.76
Franklin Township	4316	1	16TH ST	RONE, VICTOR F	1.89
Franklin Township	4317	1	16TH ST	RONE, VICTOR F	1.85
Franklin Township	4318	2	25TH ST& BROADWY	RONE, VICTOR F	0.60
Franklin Township	4318	3	24TH ST & BROADWAY	RONE, VICTOR F	0.85
Franklin Township	4318	4	23RD ST & BROADWY	RONE, VICTOR F	1.24
Franklin Township	4318	5	22ND ST & BROADWAY	RONE, VICTOR F	1.59
Franklin Township	4318	8	19TH ST & BROADWY	RONE, VICTOR F	2.81
Franklin Township	4319	1	15TH ST	RONE, VICTOR F	1.77
Franklin Township	4320	1	15TH ST	RONE, VICTOR F	1.85
Franklin Township	4321	1	15TH ST	RONE, VICTOR F	1.74
Franklin Township	4322	1	15TH ST	RONE, VICTOR F	1.84
Franklin Township	4323	1	15TH ST	RONE, VICTOR F	1.81
Franklin Township	4324	1	15TH ST	RONE, VICTOR F	1.84
Franklin Township	4325	1	15TH ST	RONE, VICTOR F	1.84
Franklin Township	4326	1	15TH ST	RONE, VICTOR F	1.40
Franklin Township	4327	1	14TH ST	RONE, VICTOR F	0.74
Franklin Township	4328	1	14TH ST	RONE, VICTOR F	1.82
Franklin Township	4329	1	14TH ST	RONE, VICTOR F	1.81
Franklin Township	4330	1	14TH ST	RONE, VICTOR F	1.80
Franklin Township	4331	1	14TH ST	RONE, VICTOR F	1.84
Franklin Township	4332	1	14TH ST	RONE, VICTOR F	1.76
Franklin Township	4333	1	14TH ST	RONE, VICTOR F	1.86
Franklin Township	4334	1	14TH ST	RONE, VICTOR F	1.76

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Franklin Township	4335	1	13TH ST	RONE, VICTOR F	1.72
Franklin Township	4336	1	13TH ST	RONE, VICTOR F	1.84
Franklin Township	4337	1	13TH ST	RONE, VICTOR F	1.75
Franklin Township	4338	1	13TH ST	RONE, VICTOR F	1.82
Franklin Township	4339	1	13TH ST	RONE, VICTOR F	1.78
Franklin Township	4340	1	13TH ST	RONE, VICTOR F	1.80
Franklin Township	4341	1	13TH ST	RONE, VICTOR F	1.81
Franklin Township	4342	1	13TH ST	RONE, VICTOR F	0.09
Franklin Township	4343	1	12TH ST	RONE, VICTOR F	1.60
Franklin Township	4344	1	12TH ST	RONE, VICTOR F	1.81
Franklin Township	4345	1	12TH ST	RONE, VICTOR F	1.80
Franklin Township	4345	1	12TH ST	RONE, VICTOR F	1.87
Franklin Township	4346	1	12TH ST	RONE, VICTOR F	1.78
Franklin Township	4348	1	12TH ST	RONE, VICTOR F	1.76
	4349	1	12TH ST		1.34
Franklin Township		•		RONE, VICTOR F	
Franklin Township	4350	1	HARDING HWY	RONE, VICTOR F	0.41
Franklin Township	4351	1	HARDING HWY	RONE, VICTOR F	0.49
Franklin Township	4352	1	HARDING HWY	RONE, VICTOR F	0.08
Franklin Township	4353	1	14TH ST	RONE, VICTOR F	0.73
Franklin Township	4354	1	13TH ST	RONE, VICTOR F	1.82
Franklin Township	4355	1	12TH ST	RONE, VICTOR F	1.01
Franklin Township	4356	1	11TH ST	RONE, VICTOR F	1.83
Franklin Township	4357	1	11TH ST	RONE, VICTOR F	1.92
Franklin Township	4358	1	11TH ST	RONE, VICTOR F	1.82
Franklin Township	4359	1	11TH ST	RONE, VICTOR F	1.82
Franklin Township	4360	1	11TH ST	RONE, VICTOR F	0.82
Franklin Township	4361	1	10TH ST	RONE, VICTOR F	0.43
Franklin Township	4362	1	10TH ST	RONE, VICTOR F	1.78
Franklin Township	4363	1	10TH ST	RONE, VICTOR F	1.80
Franklin Township	4364	1	10TH ST	RONE, VICTOR F	1.66
Franklin Township	4365	1	11TH ST	RONE, VICTOR F	0.32
Franklin Township	4366	1	HARDING HWY	RONE, VICTOR F	1.85
Franklin Township	4367	1	HARDING HWY	RONE, VICTOR F	1.42
Franklin Township	4368	1	HARDING HWY	RONE, VICTOR F	0.50
Franklin Township	4369	1	10TH ST	RONE, VICTOR F	0.93
Franklin Township	4370	1	10TH ST	RONE, VICTOR F	0.49
Franklin Township	4615	1	WHITTICK AVE	RONE, VICTOR F	1.76
Franklin Township	4616	1	GEORGES AVE	RONE, VICTOR F	1.82
Franklin Township	4617	1	GEORGES AVE	RONE, VICTOR F	1.83
Franklin Township	4618	1	WHITTICK AVE	RONE, VICTOR F	1.76
Franklin Township	4619	1	WHITTICK AVE	RONE, VICTOR F	1.59

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Franklin Township	4620	1	WHITTICK AVE	RONE, VICTOR F	1.85
Franklin Township	4621	1	WHITTICK AVE	RONE, VICTOR F	1.73
Franklin Township	4622	1	GEORGES AVE	RONE, VICTOR F	0.62
Franklin Township	4623	1	5TH & SPRINGFIELD	FAZZLAND CORPORATION	0.45
Franklin Township	4624	1	5TH & WOODLAND	FAZZLAND CORPORATION	1.72
Franklin Township	4625	1	HARDING HWY	FAZZLAND CORPORATION	1.01
Franklin Township	4701	1	HARDING HWY	FAZZLAND CORPORATION	1.29
Franklin Township	4702	1	WOODLAND AVE	FAZZLAND CORPORATION	1.84
Franklin Township	4703	1	MALAGA & SPRINGFIELD	FAZZLAND CORPORATION	1.70
Franklin Township	4704	1	MALAGA AVE	FAZZLAND CORPORATION	0.13
Franklin Township	4705	1	GEORGES & WHITTICK	RONE, VICTOR F	1.25
Franklin Township	4709	1	MALAGA AVE	FAZZLAND CORPORATION	1.26
Franklin Township	4710	1	MALAGA AVE	FAZZLAND CORPORATION	1.74
Franklin Township	4711	1	SPRINGFIELD	FAZZLAND CORPORATION	1.80
Franklin Township	4712	1	HARDING HWY	FAZZLAND CORPORATION	1.82
Franklin Township	4713	1	HARDING HWY	FAZZLAND CORPORATION	0.68
Franklin Township	4713	2	HARDING HWY	FBG,LLC	0.19
Franklin Township	4713	3	HARDING HWY	FBG,LLC	0.09
Franklin Township	4713	6	HARDING HWY & WOODLAND	FAZZLAND,LLC	0.33
Franklin Township	4714	1	SPRINGFIELD AVE	FAZZLAND CORPORATION	1.81
Franklin Township	4715	1	MALAGA AVE	FAZZLAND CORPORATION	1.78
Franklin Township	4716	1	MALAGA AVE	FAZZLAND CORPORATION	1.76
Franklin Township	4717	1	GEORGES & WHITTICK	FAZZLAND CORPORATION	0.14
Franklin Township	4720	1	GEORGES & WHITTICK	FAZZLAND CORPORATION	0.83
Franklin Township	4721	1	MALAGA & GEORGES AVE	FAZZLAND CORPORATION	1.76
Franklin Township	4722	1	SPRINGFIELD & MALAGA	FAZZLAND,LLC	0.44
Franklin Township	4722	2	SPRINGFIELD AVE	FAZZLAND,LLC	0.91
Franklin Township	4722	3	FIRST & SPRINGFIELD	FAZZLAND,LLC	0.43
Franklin Township	4723	1	WOODLAND AVE	FAZZLAND CORPORATION	1.57
Franklin Township	4724	9	WOODLAND AVE	FAZZLAND,LLC	0.10
Franklin Township	4727	1	SPRINGFIELD AVE	FAZZLAND.LLC	0.77
Franklin Township	4727	3	IVY AVE	FAZZLAND,LLC	0.09
Franklin Township	4727	4	MALAGA & IVY	FAZZLAND,LLC	0.13
Franklin Township	4727	5	MALAGA AVE	FAZZLAND CORPORATION	0.17
Franklin Township	4727	6	MALAGA AVE	FAZZLAND,LLC	0.19
Franklin Township	4728	1	MALAGA & GEORGES AVE	FAZZLAND CORPORATION	1.77
Franklin Township	4729	1	GEORGES & CEDAR	FAZZLAND CORPORATION	1.65
Franklin Township	4903	1	MALAGA PARK DR	FAZZIO,CHRISTOPHER J &CHRISTOPHER P	19.00
Franklin Township	4903	2	MARSHALL MILL RD	CASTELLI, JAMES A & KATHLEEN R	2.39
Franklin Township	4903	3	MARSHALL MILL RD	CASTELLI, JAMES	12.12
Franklin Township	4903	3.01	MARSHALL MILL RD	CASTELLI, JAMES	1.08

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Franklin Township	4903	6	55 OLD MARSHALL MILL RD	CASTELLI, JAMES	12.91	
Franklin Township	5002	6	OLD MARSHALL MILL RD	CASTELLÍ, JAMES	3.87	
Franklin Township	5065	7	2598 HARDING HWY	FALCIANI, NEAL J	10.15	Pinelands South
Franklin Township	5101	2.01	DELSEA DR	KRAUSS, SCOTT J	21.29	
Franklin Township	5101	3	216 DELSEA DR	CASTELLI, MARLENE	16.67	
Franklin Township	5101	4	DELSEA DR	DEMATTEO, LOUIS & DORIS	15.38	
Franklin Township	5101	5	DELSEA DR	DIMATTEO, JOSEPH C/O RITA MYERS	20.67	
Franklin Township	5501	22	HARDING HWY	AZEGLIO, JOHN N & THERESA	2.92	
Franklin Township	5501	23	HARDING HWY	AZEGLIO, JOHN N & THERESA	2.96	
Franklin Township	5501	24	HARDING HWY	AZEGLIO, JOHN & THERESA	14.59	
Franklin Township	5501	31	4801 LAKE RD	VISCONTI BROTHERS PROPERTIES,LLC	48.24	
Franklin Township	5502	8	4908 LAKE RD	BIRD, DEBORAH L	24.80	
Franklin Township	5504	6	1311 WEST BLVD	HEMINGWAY, HOWARD S & RITA P	9.97	
Franklin Township	5601	4	MORRIS AVE	GOLDSMID, CHARLES J	5.82	Pinelands South
Franklin Township	5601	17	ST GEORGE ST	AZEGLIO, JOHN N SR & THERESA	5.59	Pinelands South
Franklin Township	5601	18	HARDING HWY & ST GEORGE	AZEGLIO, JOHN N	8.96	Pinelands South
Franklin Township	5601	21	2380 HARDING HWY	AZEGLIO, JOHN & THERESA	8.23	Pinelands South
Franklin Township	5601	30	HARDING HWY	GOLDSMID, CHARLES J	4.03	Pinelands South
Franklin Township	5601	32	HARDING HWY	PETRONGLO, JOSEPH S & JULIA	8.09	Pinelands South
Franklin Township	5601	33	HARDING HWY	PETRONGLO, JOSEPH S & JULIA	8.22	Pinelands South
Franklin Township	5602	2	DUTCH MILL RD	CHON, IN SU & CHIN YON	9.21	Pinelands South
Franklin Township	5602	6	718 DUTCH MILL RD	TUDOROF, ANA	7.54	Pinelands South
Franklin Township	5602	12	541 MORRIS AVE	FALCIANI, NEAL; VINCENT & EILEEN	21.21	Pinelands South
Franklin Township	5602	20	DUTCH MILL RD	THIES, JEFFREY ALAN	39.11	Pinelands South
Franklin Township	5602	21	1194 DUTCH MILL RD	THIES, JEFFREY ALAN	19.43	Pinelands South
Franklin Township	5602	29	2257 MAIN RD	MUSTO, LOUIS	4.10	Pinelands South
Franklin Township	5602	30	2257 MAIN RD	MUSTO, LOUIS	4.24	Pinelands South
Franklin Township	5602	31	2215 MAIN RD	DOTTAVIO, GRACE & MUSTO, LOUIS A	6.00	Pinelands South
Franklin Township	5602	32.02	MAIN RD (REAR)	RT ENTERPRISES,LLC	2.54	Pinelands South
Franklin Township	5602	32.03	MAIN RD (REAR)	RT ENTERPRISES,LLC	8.38	Pinelands South
Franklin Township	5602	35	1997 MAIN RD	VALLONE, EUGENE L JR & RHONDA L	36.38	Pinelands South
Franklin Township	5602	39	5531 LAKE RD	NICASTRO, PAULINE	21.72	Pinelands South
Franklin Township	5602	44	5255 LAKE RD	GENNA, JOSEPH J & AURELIA E	13.19	Pinelands South
Franklin Township	5602	59	ST GEORGE ST	AZEGLIO, JOHN N & THERESA A	12.60	Pinelands South
Franklin Township	5602	60	596 ST GEORGE ST	TURNER, E.(EST)& GLENN, DIANE E	19.60	Pinelands South
Franklin Township	5602	61	ST GEORGE ST	AZEGLIO, JOHN N & THERESA	9.76	Pinelands South
Franklin Township	5602	63	740 ST GEORGE ST	DARMINIO, JOSEPH T & KIM W	6.26	Pinelands South
Franklin Township	5701	3	474 MARSHALL MILL RD	CARIONE, LOUIS A JR & SUSAN M	6.73	Pinelands South
Franklin Township	5701	8.01	586 MARSHALL MILL RD	CAIRONE, FRANK A JR & GINA		Pinelands South
Franklin Township	5701	49	565 DUTCH MILL RD	JIANNOTTI, ANTHONY L & DALE S	24.96	Pinelands South
Franklin Township	5701	50	491 DUTCH MILL RD	LEON, ELOY J & HONORINA	17.72	Pinelands South

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Franklin Township	5702	11	1002 MARSHALL MILL RD	FLAHERTY, JOSEPH C & CAMILLE	3.89	Pinelands South
Franklin Township	5702	59.36	MAIN RD	STUZYNSKI, JOHN & SUSAN	55.34	Pinelands South
Franklin Township	5702	62	1331 DUTCH MILL RD	CIAPANNA, STEVEN ANDREW	9.85	Pinelands South
Franklin Township	5702	64	1289 DUTCH MILL RD	THIES, GEORGE A JR & DONNA R	10.31	Pinelands South
Franklin Township	5702	68	1215 DUTCH MILL RD	TRAVALINO, VINCENT R	7.01	Pinelands South
Franklin Township	5702	71	DUTCH MILL RD (REAR)	GUETENS, M & TOTORO,J & MACHULSKY,A	31.54	Pinelands South
Franklin Township	5702	73	DUTCH MILL RD	ROBERTSON, EDWARD H & KATHY L	23.75	Pinelands South
Franklin Township	5702	81	1047 DUTCH MILL RD	MCALISTER, DAVID P JR & LYNN M	59.75	Pinelands South
Franklin Township	5702	83	698 CENTRAL AVE	MCSWAIN, DIANE	18.57	Pinelands South
Franklin Township	5801	8	2009 TUCKAHOE RD	CRAWFORD, CATHLEEN & LANGE, CRAIG	14.70	Pinelands South
Franklin Township	5801	35	1813 DUTCH MILL RD	PEIFER, WILLIAM J	19.09	Pinelands South
Franklin Township	5801	37	1765 DUTCH MILL RD	MOUNIER, JAY EDWARD	11.96	Pinelands South
Franklin Township	5801	48	2318 MAIN RD	VIEHWEG, ERNEST P JR & DIANE	26.69	Pinelands South
Franklin Township	5801	49	MAIN RD	VIEHWEG, ERNEST P JR & DIANE P	9.54	Pinelands South
Franklin Township	5801	51	2424 MAIN RD	GAROFOLO, PAUL J SR & DOLORES V	7.86	Pinelands South
Franklin Township	5801	55	2462 MAIN RD	PACE, FRANK	5.15	Pinelands South
Franklin Township	5801	57	1721 DUTCH MILL RD	MOUNIER, JAY EDWARD	54.14	Pinelands South
Franklin Township	5801	61	2676 MAIN RD	CAREY, DOUGLAS B	17.12	Pinelands South
Franklin Township	5801	65	768 CLARK AVE	POWELL, JOHN F & EILEEN M	8.44	Pinelands South
Franklin Township	5801	65.01	784 CLARK AVE	POWELL, JOHN F & EILEEN M	15.93	Pinelands South
Franklin Township	5801	66	806 CLARK AVE	MINTON, DEBORAH D	15.07	Pinelands South
Franklin Township	5801	67	826 CLARK AVE	WHARTENBY, WILLIAM & MARY	51.14	Pinelands South
Franklin Township	5802	1	2142 DUTCH MILL RD	LAROSE, CATHERINE ANN & DURKIN, MARY	18.47	Pinelands South
Franklin Township	5802	21	DUTCH MILL RD	ABNC ENTERPRISES LLC	88.25	Pinelands South
Franklin Township	5802	22	1710 DUTCH MILL RD	CORWONSKI, STEVE SR	5.97	Pinelands South
Franklin Township	5802	22.02	DUTCH MILL RD	CORWONSKI, STEVE SR	4.84	Pinelands South
Franklin Township	5802	22.03	DUTCH MILL RD	CORWONSKI, STEVE SR	3.61	Pinelands South
Franklin Township	5802	22.04	DUTCH MILL RD	CORWONSKI, STEVE SR	68.08	Pinelands South
Franklin Township	5802	26	5809 LAKE RD (UNIT A/B)	JAREMA, J STEPHEN JR & MARIA	17.64	Pinelands South
Franklin Township	5802	28	2020 MAIN RD	GAGLIANONE, JAMES J,III & NINA	17.29	Pinelands South
Franklin Township	5802	28.01	5751 LAKE RD & MAIN RD	CIRUCCI, WILLIAM & JUDITH C		Pinelands South
Franklin Township	5802	28.02	2050 MAIN RD	GAGLIANONE, J GREGORY & ELLEN J	11.03	Pinelands South
Franklin Township	5802	31	MAIN RD	GAGLIANONE, JAMES J,III & NINA	10.32	Pinelands South
Franklin Township	5802	32	MAIN RD	THIES, GEORGE A JR & DONNA R	6.78	Pinelands South
Franklin Township	5802	33	MAIN & DUTCH MILL	THIES, GEORGE A JR & DONNA R	46.09	Pinelands South
Franklin Township	5802	34	1526 DUTCH MILL RD	NICE, KENTON W & KATHLEEN I	12.94	Pinelands South
Franklin Township	5802	41	1798 DUTCH MILL RD	WILDONGER, MICHAEL E & GAIL L	3.61	Pinelands South
Franklin Township	5802	41.01	DUTCH MILL RD	WILDONGER, MICHAEL E & BELL, GAIL L	3.69	Pinelands South
Franklin Township	5802	41.02	DUTCH MILL RD	WILDONGER, MICHAEL E & GAIL L	3.76	Pinelands South
Franklin Township	5802	42	1844 DUTCH MILL RD	WILDONGER, MICHAEL E & GAIL L	4.34	Pinelands South
Franklin Township	5802	44	2032 DUTCH MILL RD	WORTHINGTON, PARKER & MARSHA	10.17	Pinelands South

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Franklin Township	5802	45	DUTCH MILL RD (REAR)	WORTHINGTON, PARKER & MARSHA	8.19	Pinelands South
Franklin Township	5901	8	MAIN RD	FRANKLIN FARM,LLC	6.14	Pinelands South
Franklin Township	5901	9	2952 MAIN RD	KASSAB, JANINE & MARIE	12.80	Pinelands South
Franklin Township	5901	10	3000 MAIN RD	JENSEN, EDWARD C & RUTH M	18.59	Pinelands South
Franklin Township	5901	11	3030 MAIN RD	JENSEN, EDWARD C & RUTH	4.36	Pinelands South
Franklin Township	5901	55.01	3502 MAIN RD	WORLEY, LEA		Pinelands South
Franklin Township	5901	79.01	TUCKAHOE RD	FRANKLIN FARM,LLC		Pinelands South
Franklin Township	5901	88	CLARK AVE	HUNSINGER, ARLENE & JOHN	19.01	Pinelands South
Franklin Township	5901	90	MAIN RD (REAR)	FRANKLIN FARM.LLC	54.19	Pinelands South
Franklin Township	5901	91	CLARK AVE	KLOUSE, ROBERTA		Pinelands South
Franklin Township	5901	92	MAIN RD (REAR)	FRANKLIN FARM,LLC		Pinelands South
Franklin Township	5901	93	MAIN RD (REAR)	FRANKLIN FARM,LLC		Pinelands South
Franklin Township	5901	94	MAIN RD (REAR)	FRANKLIN FARM,LLC		Pinelands South
Franklin Township	5901	95	MAIN RD (REAR)	FRANKLIN FARM,LLC		Pinelands South
Franklin Township	5901	96	MAIN RD (REAR)	FRANKLIN FARM,LLC	_	Pinelands South
Franklin Township	6002	28.01	2432 TUCKAHOE RD	PHILLIPS, BRIAN & PATRICIA		Pinelands South
Franklin Township	6002	28.04	2356 TUCKAHOE RD	ILIC, MATTHEW D & MELISSA J		Pinelands South
Franklin Township	6002	28.06	TUCKAHOE RD (FLAG LOT)	PHILLIPS, BRIAN & PATRICIA	-	Pinelands South
Franklin Township	6002	34	2752 TUCKAHOE RD	SWEETEN, WAYNE R		Pinelands South
Franklin Township	6002	34.01	2758 TUCKAHOE RD	SWEETEN, WAYNE R		Pinelands South
Franklin Township	6002	44	2665 NORTH BLUE BELL RD	GEMENDEN, CLINTON JR		Pinelands South
Franklin Township	6101	10	4036 COLES MILL RD	WAGNER, EDWARD J JR & DENISE E		Pinelands South
Franklin Township	6101	10.01	4030 COLES MILL RD	WAGNER, EDWARD JR & DENISE		Pinelands South
Franklin Township	6101	11	COLES MILL RD	WHITE, STEPHEN C		Pinelands South
Franklin Township	6102	24	4010 WEST MALAGA RD	FAUBELL, JEFFREY E & MARIE T		Pinelands North
Franklin Township	6103	4	COLES MILL RD	GREEN, ERVIN H & GERALDINE	1.13	
Franklin Township	6103	5	4583 COLES MILL RD	GREEN, ERVIN H & GERALDINE	2.06	
Franklin Township	6103	6	4559 COLES MILL RD	GREEN, ERVIN H	2.73	
Franklin Township	6103	7	4541 COLES MILL RD	GREEN, ERVIN H	2.56	
Franklin Township	6103	8	4525 COLES MILL RD	GREEN, ERVIN H & GERALDINE GALLON-	6.83	
Franklin Township	6103	9	4459 COLES MILL RD	SIL-KEMP CONCRETE, INC	75.86	
Franklin Township	6103	10	NORTH BLUE BELL RD	SIL-KEMP CONCRETE, INC	7.88	
Franklin Township	6103	11	NORTH BLUE BELL RD	SIL-KEMP CONCRETE CORP @ LARRY SILV	24.64	
Franklin Township	6201	15	3408 NORTH BLUE BELL RD	FOX, GEORGE H		Pinelands South
Franklin Township	6201	15.01	NORTH BLUE BELL RD	FOX, GEORGE H		Pinelands South
Franklin Township	6201	16	NORTH BLUE BELL RD	VENADE, JOHN & FILOMENA		Pinelands South
Franklin Township	6201	17	3582 NORTH BLUE BELL RD	VENADE, JOHN & FILOMENA		Pinelands South
Franklin Township	6201	32	4448 COLES MILL RD	CRAIG, JAMES & NORA J		Pinelands South
Franklin Township	6201	42	COLES MILL RD	GLOUCESTER COUNTY SPORTSMEN,INC		Pinelands South
Franklin Township	6401	1	3681 DUTCH MILL RD	BIAGI, WAYNE & MARYBETH		Pinelands South
Franklin Township	6401	4	3621 DUTCH MILL RD	BIAGI, WAYNE & MARYBETH		Pinelands South

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Franklin Township	6401	21	DUTCH MILL RD	LOUIE, MON & NANCY	134.02	Pinelands South
Franklin Township	6401	38.02	DUTCH MILL RD	LOUIE, MON & NANCY		Pinelands South
Franklin Township	6401	63	1238 WHITEHALL RD	HARNACK, TODD R		Pinelands South
Franklin Township	6401	74	WHITEHALL RD	HARNACK, TODD RICHARD		Pinelands South
Franklin Township	6402	5	2933 VICTORIA AVE FARM	SANDOR, KARIN		Pinelands South
Franklin Township	6402	7	DUTCH MILL RD	SANDOR, KARIN		Pinelands South
Franklin Township	6402	11	3208 DUTCH MILL RD	DIGIOIA, DOMINIC & TAMMY		Pinelands South
Franklin Township	6402	19	DUTCH MILL RD	HOGBIN, JOHN A		Pinelands South
Franklin Township	6402	19.01	VICTORIA AVE (REAR)	FERRUCCI, DAVID F & CAROLYN B		Pinelands South
Franklin Township	6402	19.02	DUTCH MILL RD	POLARIS FARMS LLC		Pinelands South
Franklin Township	6402	22	PINEY HOLLOW RD	HOGBIN, JOHN A		Pinelands South
Franklin Township	6402	24	3265 VICTORIA AVE	FERRUCCI, DAVID & CAROLYN		Pinelands South
Franklin Township	6402	25	VICTORIA AVE	FERRUCCI, MICHAEL		Pinelands South
Franklin Township	6402	45	VICTORIA AVE	SANDOR, KARIN		Pinelands South
Franklin Township	6501	12	2110 NORTH BLUE BELL RD	MCDEVITT, JAMES F & BARBARA A		Pinelands South
Franklin Township	6502	3	2606 DUTCH MILL RD	COLLINS, MICHELE C		Pinelands South
Franklin Township	6502	6	2710 DUTCH MILL RD	MALONE, NORVA		Pinelands South
Franklin Township	6502	8	DUTCH MILL & VICTORIA AVE	SMITH, WALTER C/O PELTON, L POA		Pinelands South
Franklin Township	6502	16	2401 VICTORIA AVE	GRIFFIE, LARRY & JEAN		Pinelands South
Franklin Township	6503	1	TUCKAHOE RD	DIOCESE OF CAMDEN		Pinelands South
Franklin Township	6503	4	2286 VICTORIA AVE	CAIROLI, JEFF D & KIMBERLY A		Pinelands South
Franklin Township	6503	5	VICTORIA AVE	CAIROLI, JEFF D & KIMBERLY A		Pinelands South
Franklin Township	6503	6	2586 VICTORIA AVE	ENDRES, RICHARD & LINDA		Pinelands South
Franklin Township	6503	7	VICTORIA AVE	DIOCESE OF CAMDEN		Pinelands South
Franklin Township	6503	9	2944 VICTORIA AVE	GIRL SCOUTS OF CENTRAL/SOUTHERN NJ		Pinelands South
Franklin Township	6503	11	VICTORIA AVE (REAR)	GIRL SCOUTS OF CENTRAL/SOUTHERN NJ		Pinelands South
Franklin Township	6503	15	VICTORIA AVE	FERRUCCI, ANTHONY JR		Pinelands South
Franklin Township	6503	16	VICTORIA AVE	FERRUCCI, ANTHONY JR		Pinelands South
Franklin Township	6503	17	VICTORIA AVE	FERRUCCI, ANTHONY JR		Pinelands South
Franklin Township	6503	18	3290 VICTORIA AVE	FERRUCCI, FRANK & MADELYN	_	Pinelands South
Franklin Township	6503	19	VICTORIA AVE	FERRUCCI, FRANK & MADELYN		Pinelands South
Franklin Township	6503	25	PINEY HOLLOW RD (REAR)	FERRUCCI, ANTHONY JR & CHRISTINE		Pinelands South
Franklin Township	6503	26	1399 PINEY HOLLOW RD	FERRUCCI, MICHAEL		Pinelands South
Franklin Township	6503	29	1337 PINEY HOLLOW RD	WATERS, TIMOTHY J		Pinelands South
Franklin Township	6503	30	1221.1231 PINEY HOLLOW RD	CASELLI, JOHN		Pinelands South
Franklin Township	6503	35	1063 PINEY HOLLOW RD	KIPER, KEVIN & DANIELLE		Pinelands South
Franklin Township	6503	37	286 PINEY LANE	LOMBARDI, JOHN M & ROSE ANN		Pinelands South
Franklin Township	6503	38	332 PINEY LANE	WHITEHEAD, DARREN T & WREN, LISA A		Pinelands South
Franklin Township	6503	38.01	PINEY LANE	WHITEHEAD, DARREN T & WREN, LISA A		Pinelands South
Franklin Township	6601	3	UNEXPECTED RD	TRIONFO, ALBERT & HELEN		Pinelands South
Franklin Township	6601	4	UNEXPECTED RD	TRIONFO, ALBERT & HELEN		Pinelands South

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Franklin Township	6601	25	1196 PINEY HOLLOW RD	CASELLI, JOHN JR	3.90	Pinelands South
Franklin Township	6601	26	1222 PINEY HOLLOW RD	CASELLI, JOHN JR		Pinelands South
Franklin Township	6602	1	PINEY HOLLOW RD	FERRUCCI, MICHAEL JOSEPH JR & ETALS		Pinelands South
Franklin Township	6602	2	1394 PINEY HOLLOW RD	FERRUCCI, MICHAEL & JOANN		Pinelands South
Franklin Township	6602	5	PINEY HOLLOW RD	CEDAR LAKE NURSERIES,LLC		Pinelands South
Franklin Township	6602	8	PINEY HOLLOW RD	CEDAR LAKE NURSERIES,LLC		Pinelands South
Franklin Township	6602	10	PINEY HOLLOW RD	CEDAR LAKE NURSERIES.LLC	_	Pinelands South
Franklin Township	6602	11	2034 PINEY HOLLOW RD	BIAGI, JAMES		Pinelands South
Franklin Township	6602	12	UNEXPECTED & PINEY HOLLOW	CEDAR LAKE NURSERIES.LLC		Pinelands South
Franklin Township	6602	15	UNEXPECTED RD	FERRUCCI, MICHAEL JOSEPH JR & ETALS		Pinelands South
Franklin Township	6701	3	176 HARDING HWY	PETACCIO, DOMINICK, SR & GINA		Pinelands South
Franklin Township	6701	40	375 TUCKAHOE RD	MOSLEY, LYNN & CHRISTINE		Pinelands South
Franklin Township	6701	41	291 TUCKAHOE RD	MOSLEY, LYNN & CHRISTINE		Pinelands South
Franklin Township	6701.01	15	TUCKAHOE RD	FERRUCCI BROS,INC		Pinelands South
Franklin Township		16	544 HARDING HWY	GANCARZ, STANLEY & FLORENCE		Pinelands South
Franklin Township		17	544 HARDING HWY	GANCARZ, STANLEY & FLORENCE		Pinelands South
Franklin Township	6702	2	186 TUCKAHOE RD	ANTONELLI, AMERICO B & JOAN A		Pinelands South
Franklin Township	6702	3	TUCKAHOE RD	ANTONELLI, AMERICO & JOAN		Pinelands South
Franklin Township	6702	6	TUCKAHOE RD	ANTONELLI, AMERICO & JOAN		Pinelands South
Franklin Township	6702	8	TUCKAHOE RD	ROSSI, GREGORY		Pinelands South
Franklin Township	6702	12	TUCKAHOE RD	BELLONE, ANDREW M JR & THOMAS L		Pinelands South
Franklin Township	6702	39	TUCKAHOE RD	DIOCESE OF CAMDEN		Pinelands South
Franklin Township	6702	40	TUCKAHOE RD	DIOCESE OF CAMDEN	_	Pinelands South
Franklin Township	6702	41	PINEY HOLLOW RD	PINEY LANE SPORTSMAN CLUB,INC		Pinelands South
Franklin Township	6702	42	PINEY HOLLOW RD	PINEY LANE SPORTSMAN CLUB,INC		Pinelands South
Franklin Township	6702	43	PINEY LANE	DIOCESE OF CAMDEN		Pinelands South
•	6702	44	161 PINEY LANE	JOHNSTON, CHARLES WC		Pinelands South
Franklin Township Franklin Township	6702	46	841 PINEY HOLLOW RD	BONONCINI, JOSEPH D		Pinelands South
Franklin Township	6702	50	497 PINEY HOLLOW RD	VOZZO, MARIA THERESA	_	Pinelands South
<u>'</u>	6702	51	PINEY HOLLOW RD	VOZZO, MARIA THERESA		Pinelands South
Franklin Township	6702	60	TUCKAHOE RD	ANTONELLI, AMERICO & JOAN		Pinelands South
Franklin Township	6702	3	PINEY HOLLOW RD	· · · · · · · · · · · · · · · · · · ·		Pinelands South
Franklin Township	6703	4		FERRUCCI, ANTHONY JR		
Franklin Township		1	558 PINEY HOLLOW RD	FERRUCCI, ANTHONY, JR & CHRISTINE		Pinelands South
Franklin Township	6703	6	558 PINEY HOLLOW RD	FERRUCCI, ANTHONY, JR & CHRISTINE		Pinelands South
Franklin Township	6801 6802	2	1552 GARDEN RD	SIMIONE, F;DUBOIS, C;LANNING, A	6.59	
Franklin Township	6802	13 18	1692 FLORA RD	SCAPELLATO, PETER		Pinelands South
Franklin Township			FLORA RD	SCAPELLATO, JOSEPH S & PETER	_	Pinelands South
Franklin Township	6802	19	FLORA RD	SCAPELLATO, CONCETTA & PETER		Pinelands South
Franklin Township	6802	34	200 MAIN RD	HADDOCK, FRANCIS & JOY	25.88	
Franklin Township	6803	1	FOREST GROVE RD	DM TAYLOR,INC		Pinelands South
Franklin Township	6803	2	1730 FOREST GROVE RD	GAROFALO, MICHAEL & ARLENE	5.71	Pinelands South

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Franklin Township	6803	3	1750 FOREST GROVE RD	GAROFALO, MICHAEL, ARLENE & BRIAN	12.30	Pinelands South
Franklin Township	6803	4	1776 FOREST GROVE RD	SCHWEGEL, JOSEPHINE		Pinelands South
Franklin Township	6803	5	1816 FOREST GROVE RD	BARNABEI, LOUIS & LOIS	10.30	Pinelands South
Franklin Township	6803	6.01	FLORA RD	TETI, FREDERICK R & ELIZABETH L	5.84	Pinelands South
Franklin Township	6803	8	FOREST GROVE RD	SCAPELLATO, JOSEPH S & PETER		Pinelands South
Franklin Township	6803	10	1928 FOREST GROVE RD	SCAPELLATO, CONCETTA & PETER		Pinelands South
Franklin Township	6803	14.01	FOREST GROVE RD	AUSSENBERG, K & PUSTIZZI, D		Pinelands South
Franklin Township	6803	14.02	FOREST GROVE RD	AUSSENBERG, K & PUSTIZZI, D		Pinelands South
Franklin Township	6803	18	FLORA RD	SCHWEGEL, JOSEPHINE		Pinelands South
Franklin Township	6804	7	WEYMOUTH RD	CIFALOGLIO, HENRY N		Pinelands South
Franklin Township	6804	12	WEYMOUTH RD	SCAPELLATO, PETER & JOSEPH S		Pinelands South
Franklin Township	6804	18	FOREST GROVE RD (REAR)	SCAPELLATO, JOSEPH S & PETER		Pinelands South
Franklin Township	6804	19	FOREST GROVE RD (REAR)	SCAPELLATO, JOSEPH S & PETER		Pinelands South
Franklin Township	6804	20	FOREST GROVE RD	SCAPELLATO, PETER & JOSEPH S		Pinelands South
Franklin Township	6804	21	FOREST GROVE RD	SCAPELLATO, JOSEPH		Pinelands South
Franklin Township	6804	22	FOREST GROVE RD	CIFALOGLIO, SYLVESTER JR		Pinelands South
Franklin Township	6804	23	FOREST GROVE RD	CIFALOGLIO, SYLVESTER JR		Pinelands South
Franklin Township	6804	27	1919 FOREST GROVE RD	CARLINO, ALBERT ESTATE OF	_	Pinelands South
Franklin Township	6804	40	296 SOUTH BLUE BELL RD	HUFFMAN, TIMOTHY & PATRICIA		Pinelands South
Franklin Township	6804	41	296 SOUTH BLUE BELL RD	HUFFMAN, TIMOTHY & PATRICIA		Pinelands South
Franklin Township	6804	47	WEYMOUTH RD	CIFALOGLIO, HENRY N		Pinelands South
Franklin Township	6804	48	WEYMOUTH RD	CIFALOGLIO, HENRY N		Pinelands South
Franklin Township	6804	49	WEYMOUTH RD	CIFALOGLIO, HENRY N		Pinelands South
Franklin Township	6805	1	655 HARDING HWY	VIEHWEG, ERNEST P JR & DIANE P		Pinelands South
Franklin Township	6805	3	593 HARDING HWY	DANKO, PHILLIP A		Pinelands South
Franklin Township	6805	4.01	HARDING HWY	BELLONE, ANDREW & JEAN IRREVO TRUST		Pinelands South
Franklin Township	6805	6	491 HARDING HWY	BELLONE, ANDREW & JEAN IRREVO TROST		Pinelands South
	6805	9	HARDING HWY	NIXHOLM REAL ESTATE HOLDINGS		Pinelands South
Franklin Township	6805	10	399 HARDING HWY	NIXHOLM REAL ESTATE HOLDINGS		Pinelands South
Franklin Township	6805	20	HARDING HWY			Pinelands South
Franklin Township				PETACCIO, DOMINICK SR & GINA		
Franklin Township	6805	25	WEYMOUTH RD	MR STEEL,LLC		Pinelands South
Franklin Township	6805	25.01	2035 WEYMOUTH RD	MR STEEL,LLC		Pinelands South
Franklin Township	6805	26	WEYMOUTH RD	NIXHOLM REAL ESTATE HOLDINGS		Pinelands South
Franklin Township	6805	27	WEYMOUTH RD	NIXHOLM REAL ESTATE HOLDINGS		Pinelands South
Franklin Township	6805	28	WEYMOUTH RD (REAR)	NIXHOLM REAL ESTATE HOLDINGS		Pinelands South
Franklin Township	6805	29	WEYMOUTH RD	NIXHOLM REAL ESTATE HOLDINGS		Pinelands South
Franklin Township	6805	30	WEYMOUTH RD	LEWIS, ELEANOR J; ESTATE	_	Pinelands South
Franklin Township	6805	35	590 SOUTH BLUE BELL RD	HURLEY, CHARLES J & DINA M		Pinelands South
Franklin Township	6902	11	1129 FOREST GROVE RD	BUZBY, PAUL D & CYNTHIA A	9.42	
Franklin Township	6902	64	FOREST GROVE RD (REAR)	BATTESTELLA, GARY	0.51	
Franklin Township	6904	3	323 MAIN RD	GELADO, R JR & A; GENEVIEVE L/E	12.27	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Franklin Township	6904	4	1621 GARDEN RD	SCAPELLATO, PETER	37.80
Franklin Township	6904	5	1563 GARDEN RD	GREEN, RONALD & MARY	10.00
Franklin Township	7001	21	797 MAIN RD	DUNFEE, WILLIAM	3.96
Franklin Township	7001	22	MAIN RD	DUNFEE, WILLIAM	3.16
Franklin Township	7001	27	1071 WEYMOUTH RD	GIANNONE, SALVATORE & ROSE	9.20
Franklin Township	7001	28	1037 WEYMOUTH RD	MERCOGLIANA, MARY & CATHERINE	11.01
Franklin Township	7001	29	997 WEYMOUTH RD	PACIONE, ROBERT A & DIANE C	12.00
Franklin Township	7001	30	WEYMOUTH RD	PETRONGLO, CARMEN & JOANNE	20.51
Franklin Township	7002	10	1584 CATAWBA AVE	WILLIAMSON, DAVID B & CATHERINE	19.04 Pinelands South
Franklin Township	7002	11	1654 CATAWBA AVE	GONZALEZ, JOSEPH R	25.00 Pinelands South
Franklin Township	7002	28	WEYMOUTH RD	GAETANO, JOSEPH & MARY	15.04 Pinelands South
Franklin Township	7002	30.02	WEYMOUTH RD	MURRAY, JOYCE & MURRAY, DAVID	14.75 Pinelands South
Franklin Township	7003	3	1350 WEYMOUTH RD	ALLONARDO, DAVID & TERESA	21.61 Pinelands South
Franklin Township	7003	11	385 SOUTH BLUE BELL RD	SIMIONE, DANIEL; LINDA; ELIZABETH	10.56 Pinelands South
Franklin Township	7003	30	538 MAIN RD	KARCH, ELLEN N	7.02 Pinelands South
Franklin Township	7004	9	664 WEYMOUTH RD	FENKO, MIKHAIL & SIDLER, MICHELLE	5.69
Franklin Township	7004	10.02	WEYMOUTH RD	DURHAM, RICHARD T & CLAIRE M	10.29
Franklin Township	7004	16	854 WEYMOUTH RD	BURRELL, BRUCE	7.00
Franklin Township	7004	20	WEYMOUTH RD	BURRELL, BRUCE	3.61
Franklin Township	7004	23	WEYMOUTH RD	BURRELL,RALPH A,III & RICHARD J	3.57
Franklin Township	7004	24	WEYMOUTH RD	PETRONGLO, CARMEN A & JOANNE	12.29
Franklin Township	7004	25	1000 WEYMOUTH RD	PETRONGLO, CARMEN JR & JOANNE	15.02
Franklin Township	7004	36	573 MAIN RD	THE GODLEWSKI FAMILY,LP	18.06
Franklin Township	7004	41	1083 STRAWBERRY AVE	KETCHAM, JAMES JR & JENNIFER MASTRO-	10.95
Franklin Township	7004	41.01	1069 STRAWBERRY AVE	KETCHAM, JAMES JR & JENNIFER MASTRO-	10.21
Franklin Township	7004	58	STRAWBERRY AVE (REAR)	BURRELL,RALPH A,III & RICHARD J	3.59
Franklin Township	7004	61	STRAWBERRY AVE	BURREL, RALPH A,III & RICHARD J	11.82
Franklin Township	7004	65	783 STRAWBERRY AVE	DOYLE, SHARON	13.10
Franklin Township	7004	65.01	795 STRAWBERRY AVE	DOYLE, SHARON NEILL	8.35
Franklin Township	7101	8	1259 TUCKAHOE RD	STELLACCIO, JOANN	103.19 Pinelands South
Franklin Township	7101	9	HARDING HWY (REAR)	BELLONE, ANDREW M JR & THOMAS L	137.64 Pinelands South
Franklin Township	7101	11	TUCKAHOE RD	CARTY, FREDERICK F	26.37 Pinelands South
Franklin Township	7101	13	TUCKAHOE RD	BELLONE, THOMAS L & ANDREW M	13.43 Pinelands South
Franklin Township	7101	14	TUCKAHOE RD	BELLONE, THOMAS L & ANDREW M	4.84 Pinelands South
Franklin Township	7101	15	TUCKAHOE RD	BELLONE, THOMAS L & ANDREW M	5.37 Pinelands South
Franklin Township	7101	16	TUCKAHOE RD	BELLONE, THOMAS L & ANDREW M	2.94 Pinelands South
Franklin Township	7101	28.01	HARDING HWY	CAPOZZI FAMILY FOUNDATION	24.46 Pinelands South
Franklin Township	7101	30	870 HARDING HWY	BELARMINO, JIMENO L & ETALS	9.09 Pinelands South
Franklin Township	7101	31	886 HARDING HWY	JONES, THERESA A	10.50 Pinelands South
Franklin Township	7101	35	964 HARDING HWY	GORRELL BROTHERS REALTY LLC	55.23 Pinelands South
Franklin Township	7101	44	1086 HARDING HWY	BISHOP, JOHN B & REEVES, JULIE L	6.05 Pinelands South

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Franklin Township	7101	45	1114 HARDING HWY	GAROPPO, PASQUALE F,SR & JUDITH A	131.56	
Franklin Township	7101	50	HARDING HWY	MUSTO, HEATHER ANN		Pinelands South
Franklin Township	7101	51	1386/1398 HARDING HWY	DEVECCHIS, GAETANO & RITA F		Pinelands South
Franklin Township	7101	57	1670 MAIN RD	FABRIZIO, ANTOINETTE		Pinelands South
Franklin Township	7101	58	1670 MAIN RD	FABRIZIO, ANTOINETTE		Pinelands South
Franklin Township	7101	59	MAIN RD (REAR)	FABRIZIO, ANTOINETTE		Pinelands South
Franklin Township	7101	60	MAIN RD (REAR)	FABRIZIO, ERNEST JAMES		Pinelands South
Franklin Township	7101	62	644 FABRIZIO LANE	FABRIZIO, ERNEST JAMES		Pinelands South
Franklin Township	7101	64	FABRIZIO LANE	FABRIZIO, GEORGE & DAYLE S		Pinelands South
Franklin Township	7101	66	1748 MAIN RD	RICHER, PEARL E POLACHEK		Pinelands South
Franklin Township	7101	67	1746 MAIN RD	CURCIO, ROBERT VINCENT & DEBORAH		Pinelands South
Franklin Township	7101	68	1844 MAIN RD	CURCIO, ROBERT VINCENT & DEBORATI		Pinelands South
Franklin Township	7101	78	LAKE RD	GRAIFF, DORIS		Pinelands South
Franklin Township	7101	84	220 YEGLA LANE	CLEVENGER, DALLAS SAMUEL		Pinelands South
Franklin Township	7101	85	LAKE RD (REAR)	BLASBERG, JOHN M & JOAN		Pinelands South
	7101	86	,	•		
Franklin Township		1	6218 LAKE RD	BLASBERG, JOHN M & JOAN		Pinelands South
Franklin Township	7102	7	1268 MAIN RD	FABRIZIO, ANTHONY A JR & DOROTHY J		Pinelands South
Franklin Township	7102	8	1268 MAIN RD	FABRIZIO, ANTHONY A & DOROTHY J		Pinelands South
Franklin Township	7202	1	1899 MAIN RD	MARCHESANO, WILLIAM A & PATRICIA		Pinelands South
Franklin Township	7202	1.01	1945 MAIN RD	MARCHESANO, LOUIS & JULIA		Pinelands South
Franklin Township	7202	1.03	LAKE RD	MARCHESANO, LOUIS & JULIA		Pinelands South
Franklin Township	7202	1.04	LAKE RD	MARCHESANO, LOUIS & JULIA		Pinelands South
Franklin Township	7202	3	1829 MAIN RD	LOBB, TIMOTHY J		Pinelands South
Franklin Township	7202	4	1779 MAIN RD	WILLINS, ROBERT K		Pinelands South
Franklin Township	7202	7	MAIN RD	FABRIZIO, ANTOINETTE		Pinelands South
Franklin Township	7202	9	HARDING HWY	CAPOZZI,FRANK,MILDRED,LUCY,EDITH	15.59	Pinelands South
Franklin Township	7202	10	1444 HARDING HWY	FBG,LLC		Pinelands South
Franklin Township	7202	35	LAKE RD	PLACENDO, LOUIS J JR	27.39	Pinelands South
Franklin Township	7202	36	5538 LAKE RD	PLACENDO, JOHN PAUL III		Pinelands South
Franklin Township	7203	2	490 MADISON AVE	NOVICKE, MICHAEL A	10.53	Pinelands South
Franklin Township	7203	15	1625 HARDING HWY	SORTINO, J C/O JOSEPHINE PRICE	6.76	Pinelands South
Franklin Township	7203	19	1523 HARDING HWY	CAPOZZI,FRANK,MILDRED,LUCY,EDITH	15.47	Pinelands South
Franklin Township	7203	22	MAIN RD	CAPOZZI,FRANK,MILDRED,LUCY,EDITH	6.20	Pinelands South
Franklin Township	7203	23	1299 MAIN RD	PUSTIZZI, CARMELO	33.22	Pinelands South
Franklin Township	7203	30	CATAWBA AVE	CONGREGATION DAUGHTERS OF MERCY	11.45	
Franklin Township	7203	31	CATAWBA AVE	PUSTIZZI, CARMELO	9.08	Pinelands South
Franklin Township	7203	36	CATAWBA AVE	PUSTIZZI, CARMELO	11.63	Pinelands South
Franklin Township	7203	37	CATAWBA AVE	PUSTIZZI, CARMELO	19.11	Pinelands South
Franklin Township	7203	38	CATAWBA AVE	ARCANGELI, FRED & ROSEMARIE		Pinelands South
Glassboro Borough	134	1	420 DEPTFORD RD	POWLEY, VAN R & ARLINE B, TRUSTEES	2.26	
Glassboro Borough	135	1	420 DEPTFORD RD	POWLEY, VAN R & ARLENE R	3.48	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Glassboro Borough	140	29	RAILROAD LA	POWLEY, VAN R & ARLINE B, TRUSTEES	2.15	
Glassboro Borough	195	1	AURA RD	CANGLO LLC		Still Run
Glassboro Borough	195	1.01	RICHWOOD-AURA RD	CANGLO LLC		Still Run
Glassboro Borough	195	2	ELLIS MILL RD	CANGLO LLC		Still Run
Glassboro Borough	196.01	2	AURA RD	MIRENDA, SAMUEL ET UX		Still Run
Glassboro Borough	190.01	1	530 AURA RD	AURA DEVELOPMENT GROUP LLC		Still Run
Glassboro Borough	197	2.03	ELLIS MILL RD	AURA DEVELOPMENT GROUP LLC		Still Run
Glassboro Borough	197	2.03		AURA DEVELOPMENT GROUP LLC		Still Run
	197		ELLIS MILL RD			
Glassboro Borough		2.08	ELLIS MILL RD	AURA DEVELOPMENT GROUP LLC		Still Run
Glassboro Borough	197	9	AURA ROAD	HARRIS, MARILYN/E SMITH GST TRUST		Still Run
Glassboro Borough	197.04	143	GLASSBORO-FERRELL	DEEUGENIO, LEWIS J JR		Still Run
Glassboro Borough	198	5	ELLIS MILL RD	ZEE ORCHARDS, INC		Still Run
Glassboro Borough	357	1	LEHIGH & DEPTFORD RDS	DEEUGENIO, A JR & GINSBURY B	9.73	
Glassboro Borough	358	1	DEPTFORD RD	DEEUGENIO, A JR & GINSBURY B	4.80	
Glassboro Borough	358	2	RAILROAD LANE	DEEUGENIO, A JR & GINSBURY B	2.22	
Glassboro Borough	360	1	S LEHIGH RD (REAR)D	DEEUGENIO, LEWIS J JR & LEILA E	6.14	
Glassboro Borough	360	1.01	UNIVERSITY BLVD	DEEUGENIO, LEWIS JR	5.43	
Glassboro Borough	360	2	506 UNIVERSITY BLVD	DEEUGENIO, LEWIS JR	6.80	
Glassboro Borough	360	5	W FRANKLIN RD	DEEUGENIO, LEWIS J JR & LEILA E	1.00	
Glassboro Borough	360	6	REAR S LEHIGH RD	DEEUGENIO, LEWIS J JR & LEILA E	3.31	
Glassboro Borough	360	9	UNIVERSITY BLVD	DEEUGENIO, LEWIS JR	7.45	
Glassboro Borough	360	11	UNIVERSITY BLVD	DEEUGENIO, LEWIS JR	4.03	
Glassboro Borough	360	12	UNIVERSITY BLVD	DEEUGENIO, LEWIS JR	0.87	
Glassboro Borough	360	14	FRANKLIN RD	DEEUGENIO, LEWIS JR	0.63	
Glassboro Borough	361	3	500 UNIVERSITY BLVD	PETRONI, BONNIE, SCAFFIDI, CYNTHIA	14.08	
Glassboro Borough	362	4	541 MULLICA HILL RD	GAMBINO, CLARA	23.83	
Glassboro Borough	408	4	N DELSEA DR	S.E.W.R, L.L.C.	10.07	
Glassboro Borough	409	14	GREENTREE ROAD	ROWAND, ROBERT H & STEPHEN E	3.08	
Glassboro Borough	409	15	GREENTREE RD	ROWAND, ROBERT H & DARLENE D	30.69	
Glassboro Borough	413	10	419 E HIGH ST	MCCLOSKEY, DANIEL & JESSICA	5.13	
Glassboro Borough	413	11	401 E HIGH ST	STRAGA, STEPHEN & WALTER	7.99	
Glassboro Borough	413	12	285 E HIGH ST	HANDY FAMILY LLC	22.55	
Glassboro Borough	414	2	E HIGH ST	FBG LLC	9.28	
Glassboro Borough	414	3.02	E HIGH ST	FBG LLC	10.98	
Glassboro Borough	414	5.02	364 E HIGH ST	APRIL, BETTY	7.72	
Greenwich Township	105	3.04	CARTER AVENUE	CUCINOTTA, DOMENICK & LYDIA	4.09	
Greenwich Township	161	6	712 LOCK AVENUE	RIZZO, JOHN & LISA	7.00	
Greenwich Township	169	3	SWEDESBORO RD	MCFADDEN, BARBARA & PARADISE, FRANK	6.84	
	169	11				
Greenwich Township			SWED RD	HACK, BARBARA L & PARADISE, FRANK J	32.50	
Greenwich Township	169	11.03	SWEDES-BILLINGSPORT RD	PATTEN, CALVIN	7.21	
Greenwich Township	169	21	SWEDESBORO RD	MCFADDEN, BARBARA & PARADISE, FRANK	0.32	

					Acres	
Municipality	Block	Lot	<b>Property Address</b>	Owner's Name	(GIS)	Project Area
Greenwich Township	169	22	SWEDESBORO RD	MCFADDEN, BARBARA & PARADISE, FRANK	0.41	
Greenwich Township	169	28	CENTER OF 169 M40	M & R BUILDERS, INC.	7.29	
Greenwich Township	171	2	SWEDESBORO AVE	M & R BUILDERS, INC.	0.73	
Greenwich Township	171	3	SWEDESBORO AVE	M & R BUILDERS, INC.	6.06	
Greenwich Township	171	3.01	273 SWEDESBORO AVE	SET LLC	11.47	
Greenwich Township	171	3.04	SWEDESBORO AVE	M & R BUILDERS, INC.	0.57	
Greenwich Township	175	7	1118 BERKLEY RD	M & M HOME BUILDERS	5.81	
Greenwich Township	190	1	MANG AVE	GREY, DONALD A	6.87	
Greenwich Township	193	8	US 130	GREY, DONALD A	2.65	
Greenwich Township	208	1	DEM RD, SWED RD NEH BRA	HERSKOWITZ LLC	2.68	Delaware River
Greenwich Township	215	1	DEM RD SWED RD NEH BRA	HERSKOWITZ LLC	2.71	Delaware River
Greenwich Township	215	2	DEM RD SWED RD NEH BRA	HERSKOWITZ LLC	0.05	Delaware River
Greenwich Township	221	1	DEM RD SWED RD NEH BRA	HERSKOWITZ LLC		Delaware River
Greenwich Township	222	1	SWEDESBORO RD	BURZICHELLI, JOHN D & WARD, EILEEN	3.10	Delaware River
Greenwich Township	225	1	SWEDESBORO RD INTERIOR	BURZICHELLI, JOSEPHINE M	2.52	Delaware River
Greenwich Township	227	1	SWEDESBORO RD	BURZICHELLI, JOHN D & WARD, EILEEN	2.98	Delaware River
Greenwich Township	229	1	DEM RD SWED RD NEH BRA	HERSKOWITZ LLC	0.23	Delaware River
Greenwich Township	234	1	1290 MEMORIAL AVENUE	CUCINOTTA, NICHOLAS & RITA	10.50	
Greenwich Township	234	2	1400 MEMORIAL AVE	CUCINOTTA, DOMENIC	10.38	
Greenwich Township	234	6	SWEDESBORO RD	KUGLER, ELIZABETH & RETKOVIS, CAROL	1.42	
Greenwich Township	242	3	SWEDESBORO RD	KUGLER, ELIZABETH & RETKOVIS, CAROL	6.58	Delaware River
Greenwich Township	242	4.01	DEMOCRAT RD	BANSCHER, JOHN		Delaware River
Greenwich Township	242	5	U S 130	BANSCHER, JOHN	12.68	Delaware River
Greenwich Township	242	6	U S 130	BANSCHER, JOHN	2.36	Delaware River
Greenwich Township	243	2	SWEDESBORO RD	KUGLER, ELIZABETH & RETKOVIS, CAROL	8.52	
Greenwich Township	251	1	DEMOCRAT RD	PAGANO, RANDY T. & BARBARA L.	16.97	Delaware River
Greenwich Township	252	1	DEMOCRAT RD	CZIRYAK, CHARLES JR. & ADA F.	40.83	Delaware River
Greenwich Township	255	1	631 SWEDESBORO RD	FEHLAUER, NANCY JANE REVOC TRUST	6.14	Delaware River
Greenwich Township	255	1.02	SWEDESBORO RD	FEHLAUER, J & W & FEHLAUER, A & M	9.15	Delaware River
Greenwich Township	255	2	SWED RD	FEHLAUER, WERNER A	10.73	Delaware River
Greenwich Township	255	4	SWEDESBORO RD	BORRIE, CRAIG R & LEEANNA J		Delaware River
Greenwich Township	256	1	SWEDESBORO RD	ROGUSA, MOLLIE E, MATTHEW, LAUREN	36.65	Delaware River
Greenwich Township	258	1	600 SWEDESBORO RD	CZIRYAK, HELEN A		Delaware River
Greenwich Township	259	1.01	420 SOUTH DEMOCRAT RD	BANSCHER, JOHN R	28.12	Delaware River
Greenwich Township	259	3	DEMOCRAT RD	BANSCHER, JOHN	10.64	Delaware River
Greenwich Township	260	1	SWEDESBORO RD	295 LAND ASSOC C/O N. ROBINSON		Delaware River
Greenwich Township	260	2	441 SWEDESBORO AVE	HOLLENACK, MICHAEL M III & PATRICIA		Delaware River
Greenwich Township	260	2.01	441 SWEDESBORO AVE	HOLLENACK, MICHAEL M III		Delaware River
Greenwich Township	260	3	SWEDESBORO AVE	KALINOWSKI, DENISE		Delaware River
Greenwich Township	261	3	461 SWEDESBORO AVE	MILLER, ADAM		Delaware River
Greenwich Township	263	4	625 SWEDESBORO ROAD	LOMBARDO, HARRY JR & JANICE K		Delaware River

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Greenwich Township	263	7	554 TOMLIN RD	LIPPINCOTT, DAVID A & JOANNA C BECK	23.49	Delaware River
Greenwich Township	264	2	TOMLIN STA RD	STEFKA, HELEN		Delaware River
Greenwich Township	265	1	TOMLIN STA RD	STEFKA, HELEN		Delaware River
Greenwich Township	265	2	598 TOMLIN RD	STEFKA, HELEN		Delaware River
Harrison Township	2	1	AURA RD	MADISON/CANUSO ATTN: LISA TSUI	42.02	Dolaria Farei
Harrison Township	3	1	RICHWOOD RD	MADISON/CANUSO ATTN: LISA TSUI	58.66	
Harrison Township	3	2	144 AURA RD	MADISON/CANUSO ATTN: LISA TSUI	104.52	
Harrison Township	3	5.01	WILLIAMSON LANE	DALBOW, AMY H J		Raccoon Creek
Harrison Township	3	5.02	WILLIAMSON LANE	WHITE, MARION J		Raccoon Creek
Harrison Township	3	32	223 WILLIAMSON LN	REUTER ENTERPRISES INC		Raccoon Creek
Harrison Township	3	33	213 RICHWOOD RD	MADISON/CANUSO ATTN: LISA TSUI		Raccoon Creek
Harrison Township	4.01	3	311 & 313 AURA RD	EISENHART REAL ESTATE,LLC		Raccoon Creek
Harrison Township	5	1	347 RICHWOOD RD	BROWN, FRANK		Raccoon Creek
Harrison Township	5	6	307 RICHWOOD RD	BARTHOLOMEW, GEORGE D & CLAIRE D		Raccoon Creek
Harrison Township	5	7	RICHWOOD RD	REUTER ENTERPRISES INC		Raccoon Creek
Harrison Township	5	8	WILLIAMSON LANE	REUTTER ENTERPRISES		Raccoon Creek
Harrison Township	5	10	AURA RD	HARRIS, MARILYN J SMITH-TRUSTEE		Raccoon Creek
Harrison Township	5	11	AURA RD	HARRIS, MARILYN		Raccoon Creek
Harrison Township	5	13	317 RICHWOOD RD	GEMA,LLC		Raccoon Creek
Harrison Township	5	15	1201 ELLIS MILL RD	ZEE ORCHARDS,INC		Raccoon Creek
Harrison Township	6	2.01	ELLIS MILL RD	FISHER, ROBERT E		Raccoon Creek
Harrison Township	6	5	1232 ELLIS MILL RD	DEEUGENIO,LEWIS JR&L LEWIS & ALYSE		Raccoon Creek
Harrison Township	6	6	1214 ELLIS MILL RD	SANTANGELO, DOMINIC & LORETTA	5.31	Raccoon Creek
Harrison Township	7	2	ELLIS MILL RD	SUMMERVILLE, ANDREW & HOLSTEIN, KIM	18.11	Raccoon Creek
Harrison Township	8	1	CLEMS RUN	LAKE GILMAN OWNERS, ATT:TREASURER		Raccoon Creek
Harrison Township	9	5	554 CLEMS RUN	MOORE, MICHAEL & BARBARA	15.63	Raccoon Creek
Harrison Township	9	6.02	560 CLEMS RUN	PUCILOWSKI, STANLEY J & BARBARA		Raccoon Creek
Harrison Township	10	2	167 EWAN RD	DEMASI, GREGORY & CROOK, KATHLEEN		Raccoon Creek
Harrison Township	10	3	344 RICHWOOD RD	LLOYD, WARREN P	7.09	Raccoon Creek
Harrison Township	10	10	567 CLEMS RUN	CREWS, STEPHEN D	4.60	Raccoon Creek
Harrison Township	10	11	561 CLEMS RUN	CREWS, STEPHEN D	5.78	Raccoon Creek
Harrison Township	10	12	549 CLEMS RUN	TURK, JAMES F		Raccoon Creek
Harrison Township	10	21	173 EWAN RD	JOHANSON, DAWN M	_	Raccoon Creek
Harrison Township	10.02	3.07	106 LAUREL CT	ZEE, DOUGLAS JR		Raccoon Creek
Harrison Township	10.02	5.01	117 EWAN RD	BEAHM, ARTHUR & ELEANOR		Raccoon Creek
Harrison Township	10.02	5.02	EWAN RD	BEAHM, ARTHUR C & ELEANOR		Raccoon Creek
Harrison Township	11	1	322 EWAN RD	PASQUARIELLO, CIRO & KATHLEEN	18.54	Raccoon Creek
Harrison Township	14	6	512 CLEMS RUN RD	JONES, RICHARD & ELIZABETH MCNAMEE-	13.22	Raccoon Creek
Harrison Township	15	5	203 EWAN RD	SMITH, RICHARD T & LORRAINE		Raccoon Creek
Harrison Township	16	1	350 CLEMS RUN	GRAY, MARK S & MICHELLE L		Raccoon Creek
Harrison Township	17	1.01	HARRISONVILLE RD	BLACKMAN, WM C/O GLENMEDE TRUST CO	137.35	Raccoon Creek

Municipality   Block   Order   Property Address   Owner's Name   G(SIS)   Project Area   Harrison Township   17   2   51 NUTT LANE   GIBBS, JUNE H & ETALS   20.95   Raccoon Creek   Harrison Township   17   3   NUTT LANE   CANGLOLLC   7.00   Raccoon Creek   Harrison Township   17   4   252 RICHWOOD RD   REUTER ENTERRISES, INC   23.20   Raccoon Creek   Harrison Township   17   6   RICHWOOD RD   REUTER ENTERRISES, INC   21.34   Raccoon Creek   Harrison Township   17   7.01   126 EWAN RD   REUTER ENTERRISES, INC   19.58   Raccoon Creek   Harrison Township   17   7.01   126 EWAN RD   REUTER ENTERRISES, INC   19.58   Raccoon Creek   Harrison Township   18   3   438 BISHOP RD   KENNY, RUSSELL & ANN   10.76   Raccoon Creek   Harrison Township   19   1 1   HARRISONVILLE ROD   REUTER DOTES   9.80   Raccoon Creek   Harrison Township   19   1.07   Harrison Township   19   2   169 HARRISONVILLE RD   SCHLEICHER, JOHN NORMAN   36.04   Raccoon Creek   Harrison Township   19   3   158 RICHWOOD RD   REUTER ENTERRISES, INC   49.30   Raccoon Creek   Harrison Township   19   3   158 RICHWOOD RD   REUTER ENTERRISES, INC   49.30   Raccoon Creek   Harrison Township   20   1.03   142 RICHWOOD RD   REUTER ENTERRISES, INC   49.50   Raccoon Creek   Harrison Township   20   1.03   142 RICHWOOD RD   HERITAGE, W WADE & SONS, INC   1.16   Raccoon Creek   Harrison Township   22   164 HARRISONVILLE RD   HERITAGE, W WADE & SONS, INC   1.16   Raccoon Creek   Harrison Township   22   164 HARRISONVILLE RD   MADISON/CANUSO ATTN: LISA TSUI   5.84   Harrison Township   22   17   180 RURAN RD   MADISON/CANUSO ATTN: LISA TSUI   5.84   Harrison Township   22   17   180 RURAN RD   MADISON/CANUSO ATTN: LISA TSUI   17.70   Harrison Township   24   2.01   1.4 MBS RD   MADISON/CANUSO ATTN: LISA TSUI   17.96   Harrison Township   24   2.01   1.4 MBS RD   MADISON/CANUSO ATTN: LISA TSUI   17.70   Harrison Township   25   2   31 622 AURAR RD   MADISON/CANUSO ATTN: LISA TSUI   17.70   Harrison Township   26   2   31 627 AURAR RD   MADISON/CANUSO ATTN: LISA TSUI						Acres	
Harrison Township	Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Harrison Township	Harrison Township	17	2	51 NUTT LANE	GIBBS, JUNE H & ETALS	20.95	Raccoon Creek
Harrison Township	Harrison Township	17	3	NUTT LANE	CANGLO,LLC	7.00	Raccoon Creek
Harrison Township	Harrison Township	17	4	252 RICHWOOD RD	REUTER ENTERPRISES, INC	23.20	Raccoon Creek
Harrison Township	Harrison Township	17	6	RICHWOOD RD	REUTER ENTERPRISES, INC	21.34	Raccoon Creek
Harrison Township	Harrison Township	17	7.01	126 EWAN RD	REUTER ENTERPRISES,INC	19.58	Raccoon Creek
Harrison Township		17	9	24 FOX HOLLOW LANE	FOX, MARGARET S	24.20	Raccoon Creek
Harrison Township	Harrison Township	18	3	438 BISHOP RD	KENNY, RUSSELL & ANN	10.76	Raccoon Creek
Harrison Township		19	1	HARRISONVILLE ROAD	REUTER, DORIS	9.80	Raccoon Creek
Harrison Township	Harrison Township		1.07		,	17.15	Raccoon Creek
Harrison Township	Harrison Township			169 HARRISONVILLE RD	SCHLEICHER. JOHN NORMAN	36.04	Raccoon Creek
Harrison Township	Harrison Township				REUTER ENTERPRISES,INC	49.30	Raccoon Creek
Harrison Township   20	Harrison Township				· ·	0.25	Raccoon Creek
Harrison Township   20	Harrison Township				·	1.06	Raccoon Creek
Harrison Township   21	Harrison Township		1.04		HERITAGE, W WADE & SONS, INC	1.11	Raccoon Creek
Harrison Township   22			2		,	1.12	Raccoon Creek
Harrison Township   22   12   118 AURA RD   MADISON/CANUSO ATTN: LISA TSUI   17.96							-
Harrison Township   22			12			17.96	
Harrison Township   24   2.01   LAMBS RD   MADISON/CANUSO ATTN: LISA TSUI   17.70							
Harrison Township   24   3   657 MULLICA HILL RD   MADISON/CANUSO ATTN: LISA TSUI   17.82     Harrison Township   25   1   LAMBS RD (REAR)   FRED SMITH ORCHARDS,INC   1.14     Harrison Township   25   2   816 LAMBS RD   MADARA, WILLIAM H JR & CYNTHIA A   10.14     Harrison Township   25   10   826 LAMBS RD   MADISON/CANUSO ATTN: LISA TSUI   44.13     Harrison Township   28   2   228 HEILIG RD   DATZ, CAROL C/O CHARLES DATZ   12.48   Raccoon Creek     Harrison Township   28   3   HEILIG RD   DATZ, CAROL C/O CHARLES DATZ   12.48   Raccoon Creek     Harrison Township   28   3   HEILIG RD   HEILIG ORCHARDS,INC   3.06   Raccoon Creek     Harrison Township   29   3   207/205 HEILIG RD   HEILIG ORCHARDS INC   30.79   Raccoon Creek     Harrison Township   29   4   BARNSBORO RD   HEILIG, HENRY CARL JR   10.78   Raccoon Creek     Harrison Township   29   6   MULLICA HILL RD   CLENDING/VIERECK INVESTMENTS,LLC   38.61   Raccoon Creek     Harrison Township   29   9   MULLICA HILL RD   HERITAGE, W WADE & SONS,INC   6.36   Raccoon Creek     Harrison Township   29   9.06   451 MULLICA HILL RD   HERITAGE, W WADE & SONS,INC   1.48   Raccoon Creek     Harrison Township   30   1   BARNSBORO RD   MADISON/CANUSO ATTN: LISA TSUI   22.33     Harrison Township   31   1   235 BISHOP RD   HARGREAVES, JAMES W & JODI D   14.25   Raccoon Creek     Harrison Township   31   1.19   BISHOP RD   HARGREAVES, JAMES W & JODI D   5.06   Raccoon Creek     Harrison Township   31   1.04   452 MULLICA HILL RD   HERITAGE, W WADE & SONS,INC   48.99   Raccoon Creek     Harrison Township   31   1.104   452 MULLICA HILL RD   HERITAGE, W WADE & SONS,INC   48.99   Raccoon Creek     Harrison Township   31   1.104   452 MULLICA HILL RD   HERITAGE, W WADE & SONS,INC   48.99   Raccoon Creek     Harrison Township   31   1.104   452 MULLICA HILL RD   HERITAGE, W WADE & SONS,INC   48.99   Raccoon Creek     Harrison Township   31   1.104   452 MULLICA HILL RD   HERITAGE, W WADE & SONS,INC   1.04   Raccoon Creek     Harrison Township   32   35   325 MULLICA HILL RD							
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Harrison Township   28					· · · · · · · · · · · · · · · · · · ·		
Harrison Township 28 3 HEILIG RD HEILIG ORCHARDS,INC 3.06 Raccoon Creek Harrison Township 29 3 207/205 HEILIG RD HEILIG ORCHARDS INC 30.79 Raccoon Creek Harrison Township 29 4 BARNSBORO RD HEILIG, HENRY CARL JR 10.78 Raccoon Creek Harrison Township 29 6 MULLICA HILL RD CLENDING/VIERECK INVESTMENTS,LLC 38.61 Raccoon Creek Harrison Township 29 9 MULLICA HILL RD HERITAGE, W WADE & SONS,INC 6.36 Raccoon Creek Harrison Township 29 9.06 451 MULLICA HILL RD HERITAGE, W WADE & SONS,INC 1.48 Raccoon Creek Harrison Township 29 10 MULLICA HILL RD HEILIG ORCHARDS,INC 53.26 Raccoon Creek Harrison Township 30 1 BARNSBORO RD MADISON/CANUSO ATTN: LISA TSUI 22.33 Harrison Township 31 1 235 BISHOP RD HARGREAVES, JAMES W & JODI D 14.25 Raccoon Creek Harrison Township 31 1.19 BISHOP RD HARGREAVES, JAMES W & JODI D 5.06 Raccoon Creek Harrison Township 31 1 1 480 MULLICA HILL RD HERITAGE, W WADE & SONS,INC 48.99 Raccoon Creek Harrison Township 31 1.10 452 MULLICA HILL RD HERITAGE, W WADE & SONS,INC 1.04 Raccoon Creek Harrison Township 31 1.10 452 MULLICA HILL RD HERITAGE, W WADE & SONS,INC 1.04 Raccoon Creek Harrison Township 31 1.10 452 MULLICA HILL RD HERITAGE, W WADE & SONS,INC 1.04 Raccoon Creek Harrison Township 31 1.104 52 MULLICA HILL RD HERITAGE, W WADE & SONS,INC 1.04 Raccoon Creek Harrison Township 32 35 325 MULLICA HILL RD HERITAGE, W WADE & SONS,INC 1.04 Raccoon Creek Harrison Township 32 35 325 MULLICA HILL RD ZARDUS, VINCENT J & CYNTHIA L 8.09 Raccoon Creek Harrison Township 33 1 CLEMS RUN GRIFFIN, ERIC W & MARK W 67.95 Raccoon Creek							
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Harrison Township 33 2 368 MULLICA HILL RD DAMMINGER, RUDOLPH O & JOANNE 27.60 Raccoon Creek		33	2	368 MULLICA HILL RD	· · · · · · · · · · · · · · · · · · ·		
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Harrison Township 33 4 BISHOP RD MULLICA HILL FARMS,INC 30.95 Raccoon Creek					· · · · · · · · · · · · · · · · · · ·		

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Harrison Township	33	5	CLEMS RUN	BALLINGER, LEONA D	23.12	Raccoon Creek
Harrison Township	33	10	253 CLEMS RUN	MULLICA HILL FARMS,INC		Raccoon Creek
Harrison Township	33	10.02	CLEMS RUN	MULLICA HILL FARMS,INC		Raccoon Creek
Harrison Township	33	10.03	247 CLEMS RUN	MULLICA HILL FARMS,INC		Raccoon Creek
Harrison Township	33	11.02	235 CLEMS RUN	MULLICA HILL FARMS,INC		Raccoon Creek
Harrison Township	33	16	307 CLEMS RUN	HOSHOWSKY, STEPHEN		Raccoon Creek
Harrison Township	33.01	5	CLEMS RUN	LOPES, FRANCIS & MARIA		Raccoon Creek
Harrison Township	33.01	5.04	GRIFFIN RD	LOPES, FRANCIS & MARIA		Raccoon Creek
Harrison Township	33.01	5.05	GRIFFIN RD	LOPES, FRANCIS & MARIA		Raccoon Creek
Harrison Township	34	2	WALTERS RD	FRIEDRICH, KATHLEEN & PORRECA, S&D		Raccoon Creek
Harrison Township	34	4.01	277 CEDAR RD	MILLER, CHRISTOPHER M & SUZANNE P		Raccoon Creek
Harrison Township	34	43	237 MULLICA HILL RD	TRINITY UNITED METHODIST CHURCH		Raccoon Creek
Harrison Township	34	44	MULLICA HILL RD	TRINITY UNITED METHODIST CHURCH	_	Raccoon Creek
Harrison Township	34.03	43	RT 322 BY-PASS	MULLICA HILL SURGICAL ARTS BLDG LLC	3.26	
Harrison Township	35	4	531 JEFFERSON RD	EACHUS, WARD E		Raccoon Creek
Harrison Township	35	5	JEFFERSON-PITMAN RD	CORYELL, FRANK & KRISTIN		Raccoon Creek
Harrison Township	36	2	553 JEFFERSON RD	AKE, HARRY J & LINDA M		Raccoon Creek
Harrison Township	36	2.02	JEFFERSON RD	ROBINSON, ROBERT L & LINDA G	_	Raccoon Creek
Harrison Township	36	4.01	537 JEFFERSON RD	GOMINGER, HARRY D & SUSAN		Raccoon Creek
Harrison Township	36	5.01	769 JACKSON RD	SHIELDS, PATRICK J III & PATRICIA A		Raccoon Creek
·	36	16	272 CEDAR RD	,		Raccoon Creek
Harrison Township Harrison Township	39	5	175 NORTH MAIN ST	ADKINS, JAMES W & SUSAN M WOREK, ANDREW K & DEBORAH J		Raccoon Creek
	41.01	1		•		
Harrison Township		1 -	243 NORTH MAIN ST WOLFERT STATION RD	THOMAS, HELEN F & BRUNI, JOANNE W		Raccoon Creek
Harrison Township	44	2		BOARTS, CHARLES & JOAN W		Raccoon Creek
Harrison Township		2.01	350 WOLFERT STATION RD	BOARTS, CHARLES A & JOAN W		Raccoon Creek
Harrison Township	44	4	COHAWKIN RD	CWR CONSTRUCTION,INC		Raccoon Creek
Harrison Township	45	8	WOLFERT STATION RD (REAR)	CALTABIANO, ALFRED & KATHLEEN E		Raccoon Creek
Harrison Township	45	10.02	305 WOLFERT STATION RD	TOMARCHIO, ALFRED S & JOSEPHINE		Raccoon Creek
Harrison Township	45	11	351 WOLFERT STATION RD	GRASSO, LUCY & ETALS		Raccoon Creek
Harrison Township	45	16	140 SWEDESBORO RD	VISALLI, JOSEPH & GRACE L		Raccoon Creek
Harrison Township	45.01	3	UNION RD	WESTERMANN, HENRY & LISA & ETALS		Raccoon Creek
Harrison Township	46	2	SWEDESBORO RD	LEONE, JOSEPH A	19.44	
Harrison Township	46	5	TOMLIN STATION RD	VILLECCO, LOUISE M & ETALS	20.02	
Harrison Township	47	1	424 SWEDESBORO RD	LEONE, JOSEPH A	35.08	
Harrison Township	47	2	SWEDESBORO RD (REAR)	STEWARD, HARRY R	3.41	
Harrison Township	47	3	TOMLIN STATION RD	GARGIULO, FRANCES R		Raccoon Creek
Harrison Township	47	4	TOMLIN STATION RD	GARGIULO, FRANCES R		Raccoon Creek
Harrison Township	48	1	TOMLIN STATION RD	GARGIULO, FRANCES		Raccoon Creek
Harrison Township	48	2	TOMLIN STATION RD	GARGIULO, FRANCES		Raccoon Creek
Harrison Township	49	1	SWEDESBORO RD	SORBELLO FAMILY,LLC	22.31	
Harrison Township	49	1.05	234 TOMLIN STATION RD	SMALL, VINCENT & YVONNE	7.18	

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Harrison Township	49	1.06	226 TOMLIN STATION RD	YIANTSOS, NIKOLAOS & ANNA	2.10	
Harrison Township	49	1.07	228 TOMLIN STATION RD	YIANTSOS, NIKOLAOS & ANNA	2.18	
Harrison Township	49	1.08	230 TOMLIN STATION RD	YIANTSOS, NIKOLAOS & ANNA	2.26	
Harrison Township	49	2.09	SWEDESBORO ROAD	WILLIAMS, JENNIE & WESTERMAN, LISA	1.00	
Harrison Township	49	3	317 SWEDESBORO RD	WESTERMANN,LISA & WILLIAMS,JENNIE L	64.48	
Harrison Township	49	5	SWEDESBORO RD	CATHOLIC COMMUNITY OF THE HOLY S	44.77	
Harrison Township	49.07	12	109 SADDLE CT	TESTA, VINCENT & DIANE	4.06	Raccoon Creek
Harrison Township	49.07	13	111 SADDLE CT	TESTA, VINCENT & DIANE	3.78	Raccoon Creek
Harrison Township	50	1	WOODLAND AVE	VILLECCO, LOUISE M & ETALS	9.24	Raccoon Creek
Harrison Township	50	2.01	219 WOODLAND AVE	RAFFAGHELLO, JOHN & IRENE	18.33	Raccoon Creek
Harrison Township	50	2.02	161 WOODLAND AVE	MEAGHER, GARY	26.76	Raccoon Creek
Harrison Township	50	2.04	WOODLAND AVE	RAFFAGHELLO, JOHN & IRENE		Raccoon Creek
Harrison Township	50	2.07	155 WOODLAND AVE	WOODLAND AVE PROPERTY,LLC	8.40	Raccoon Creek
Harrison Township	50	3.01	HIGH ST	BLASKOVICH, JOHN & VIRGINIA	12.09	Raccoon Creek
Harrison Township	50	3.03	190 HIGH ST	MERRIEL, NORMAN & KATES, PRISCELLA	10.61	Raccoon Creek
Harrison Township	50	3.16	124 HIGH ST	SIMONETTI, PHILIP & BERNADETTE	5.49	Raccoon Creek
Harrison Township	50	3.28	115 WOODLAND AVE	KRITIKSON, DOUGLAS E		Raccoon Creek
Harrison Township	50	3.30	113 WOODLAND AVE	KRITIKSON, DOUGLAS E	4.25	Raccoon Creek
Harrison Township	50	3.31	111 WOODLAND AVE	AVERSA, JOSEPH & MARIA	8.22	Raccoon Creek
Harrison Township	50	3.32	110 HIGH ST	MACHULSKY, MARY		Raccoon Creek
Harrison Township	50	3.33	112 HIGH ST	LLOYD, MARY R	4.42	Raccoon Creek
Harrison Township	50	5	WOODLAND AVE	HOLTZHAUSER, CHARLES & SON	12.58	Raccoon Creek
Harrison Township	50	10	200 HIGH ST	RUSSO, NATALE A		Raccoon Creek
Harrison Township	50	10.01	204 HIGH ST	RUSSO, NATALE	4.35	Raccoon Creek
Harrison Township	50	16	194 HIGH ST	MERRIEL, NORMAN & KATES, PRISCILLA	6.15	Raccoon Creek
Harrison Township	51	7	227 WOODLAND AVE	VILLECCO, LOUISE M & ETALS	36.97	
Harrison Township	52	7	57 HIGH ST	BANFF, EVELYN L-ESTATE C/O J BANFF	15.97	Raccoon Creek
Harrison Township	52	11	WOODSTOWN RD	BANFF, EVELYN L-ESTATE C/O J BANFF	55.09	
Harrison Township	52	17	WOODSTOWN RD	BANFF, EVELYN-ESTATE C/O J BANFF	0.14	
Harrison Township	52	18.01	WOODSTOWN RD	BANFF, EVELYN L-ESTATE C/O J BANFF	4.03	Raccoon Creek
Harrison Township	52	25	WOODSTOWN RD (REAR)	BANFF, EVELYN-ESTATE C/O J BANFF	0.13	
Harrison Township	52	26	WOODSTOWN RD (REAR)	BANFF, EVELYN L-ESTATE C/O J BANFF	0.58	
Harrison Township	52	27	WOODSTOWN RD (REAR)	BANFF, EVELYN L-ESTATE C/O J BANFF	0.11	
Harrison Township	52	28	WOODSTOWN RD (REAR)	BANFF, EVELYN L-ESTATE C/O J BANFF	0.05	
Harrison Township	52	29	WOODSTOWN RD (REAR)	BANFF, EVELYN L-ESTATE C/O J BANFF	0.11	
Harrison Township	53	10	233 HIGH ST	BUTLER, AARON V & SUSAN M		Raccoon Creek
Harrison Township	54	3.02	111 HIGH ST	YULA, ANTHONY F JR		Raccoon Creek
Harrison Township	54	3.03	119 HIGH ST	SMITH, CYNTHIA S		Raccoon Creek
Harrison Township	54	5	194 WOODSTOWN RD	OCHIPINTI, ELIZABETH R		Raccoon Creek
Harrison Township	54	9	FRANKLINVILLE RD (REAR)	BENNY A SORBELLO FAMILY,LLC		Raccoon Creek
Harrison Township	55	4.01	COMMISSIONERS RD	HARMAN DEVELOPERS,LLC		Raccoon Creek

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Harrison Township	55	4.04	COMMISSIONERS RD	HARMAN DEVELOPERS,LLC	, ,	Raccoon Creek
Harrison Township	55	4.05	COMMISSIONERS RD	HARMAN DEVELOPERS.LLC		Raccoon Creek
Harrison Township	55	5.01	COMMISSIONERS RD	RUSSELL, WILLIAM & JACQUELINE		Raccoon Creek
Harrison Township	55	6	250 COMMISSIONERS RD	RUSSELL, JACQUELINE		Raccoon Creek
Harrison Township	55	8	WOODSTOWN RD	ABCON HOLDINGS LLC		Raccoon Creek
·	55	16	230 COMMISSIONERS RD	SHEETS, JOSEPH & MICHELLE		
Harrison Township	56	4.01	216 BRIDGETON PIKE			Raccoon Creek
Harrison Township	56	1		HELWIG, THOMAS W & ROBERTA J		Raccoon Creek
Harrison Township		4.02	208 BRIDGETON PIKE	GANGEMI, VINCENT II & JUDITH		Raccoon Creek
Harrison Township	56	4.03	220 BRIDGETON PIKE	NEWLAND, CHRISTINE R		Raccoon Creek
Harrison Township	56	5	238 & 244 BRIDGETON PIKE	EACHUS, WARD E		Raccoon Creek
Harrison Township	56	10.01	231 COMMISSIONERS RD	MCCORMICK, JOSEPH F & DOROTHY		Raccoon Creek
Harrison Township	56	10.03	COMMISSIONERS RD	MCCORMICK, JOSEPH F & DOROTHY		Raccoon Creek
Harrison Township	56	11	211 COMMISSIONERS RD	CAMELI, JOSEPH C JR		Raccoon Creek
Harrison Township	56	11.01	219 COMMISSIONERS RD	ZIEGENFUSS, LAVERNE R		Raccoon Creek
Harrison Township	57	1	MULLICA HILL RD	MULLICA HILL SURGICAL ARTS BLDG LLC	4.49	
Harrison Township	57	3.01	BRIDGETON PIKE (REAR)	GRASSO, ANGELO & FLORENCE	0.99	Raccoon Creek
Harrison Township	57	4	208 & 210 CLEMS RUN	GRIFFIN & SONS,LLC	47.13	Raccoon Creek
Harrison Township	57	5.03	230 CLEMS RUN	HALL, WESLEY O III & AMY C	16.74	Raccoon Creek
Harrison Township	57	9	HARRISONVILLE RD	SMITH FRED ORCHARDS INC	39.08	Raccoon Creek
Harrison Township	57	15	221 BRIDGETON PIKE	GRASSO, ANGELO & FLORENCE	107.37	Raccoon Creek
Harrison Township	59	17	MULLICA HILL RD	MULLICA GARDENS REALTY LLC	40.90	
Harrison Township	64	2	SWEDESBORO RD	HOLTZHAUSER, CHARLES & SON	36.00	
Harrison Township	64	4	SWEDESBORO RD	HOLTZHAUSER, CHARLES & SON	0.37	
Harrison Township	64	21	WOODLAND AVE	GARDINER, ETHEL E	15.02	
Logan Township	101	2	RT 130	SUN OIL INC TEN PENN CENTER	173.40	
Logan Township	201	6	RT 130	LOGAN 529 GROUP LLC C/O WINDSOR	165.68	
Logan Township	201	7	NORTONVILLE	LOGAN 529 GROUP LLC C/O WINDSOR	43.61	
Logan Township	301	6	400&406 BARKER AVE	MAGUIRE, MAGUIRE & MAGUIRE	8.86	
Logan Township	305	8	96 FERRY RD	STETSER, CHRISTINE	11.23	
Logan Township	309	6	88 SPRINGERS LANE	FISHER, KELLEY	5.38	
Logan Township	502	2	FLOODGATE RD	NGL-MA REAL ESTATE LLC	28.05	
Logan Township	502	6	FLOODGATE RD	BUCKLEY & CO. INC. A PA. CORP.		Delaware River
Logan Township	604	6	REPAUPO STA RD	SHOEMAKER, KATHLEEN		Delaware River
Logan Township	604	17	186-194 REPAUPO STA RD	GAVENTA A L SON INC		Delaware River
Logan Township	605	3	REPAUPO STA RD	GAVENTA A LOON INC		Delaware River
Logan Township	605	4	197 REPAUPO STA RD	GAVENTA, AE SON INC		Delaware River
Logan Township	605	5	173 REPAUPO STA RD	SHOEMAKER, KATHLEEN		Delaware River
Logan Township	605	8.01	151 REPAUPO STA RD	O'BRIEN, THOMAS M		Delaware River
Logan Township	606	1	REPAUPO STA RD	GAVENTA, ALVIN & SON		Delaware River
Logan Township	606	2	REPAUPO STA RD	BUCKLEY & CO. INC. A PA CORP.		Delaware River
Logan Township	701	1	REPAUPO STA RD	LOGAN MEADOWS LLC,C/O AJ FALCIANI	7.32	Delaware River

Municipality B	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
. ,	01	2	63 REPAUPO STA RD	LOGAN MEADOWS LLC C/O AJ FALCIANI	, ,	Delaware River
	01	3	59 REPAUPO STA RD	CARR, WARREN H		Delaware River
	01	12	PAULSBORO RD	CARR, WARREN H		Delaware River
	01	19	838 PAULSBORO RD	GIORGI, CHRISTOPHER M & REID, PATRI		Delaware River
	01	20	876 PAULSBORO RD	CARR, WARREN H		Delaware River
	02	7	815 PAULSBORO RD	SHUTE, MELVIN		Delaware River
	02	10	ASBURY STATION RD	·		Delaware River
·	02	11		OANONO, REOVEN		
			543 ASBURY STATION ROAD	LOPES, PASQUALE & MADELINE		Delaware River
	02	12.01	877 PAULSBORO RD	GWENNAP, ROBERT K		Delaware River
	03	2	SWEDESBORO AVE	PRIVITERA, JOHN & ETAL %ROSE LUSCAN		Delaware River
	03	4	ASBURY STATION RD	GARDINER, P C/O ETHEL GARDINER		Delaware River
	03	5	538 ASBURY STA RD	LICCIARDELLO, STEVEN		Delaware River
·	03	9	ASBURY STATION ROAD	BECKER, CHARLES T & LILLIAN		Delaware River
·	03	12	ASBURY STATION ROAD	CALI, ALFIO & BETTY		Delaware River
	03	13	ASBURY STATION ROAD	CALI, ALFIO & BETTY		Delaware River
	03	15	731 PAULSBORO RD	WARREN, RAYMOND		Delaware River
·	01	1.04	HENDRICKSON MILL RD	COCO, LENA M		Delaware River
	01	30	592 SWEDS-PAULS RD	CURIALE, ANTHONY N & CHRISTINA E		Delaware River
Logan Township 8	01	31	602 SWEDES-PAULS RD	CURIALE, ANTHONY N & CHRISTINA E	46.02	Delaware River
Logan Township 8	01	55	REPAUPO	LEONE, RUSSELL	28.83	Delaware River
Logan Township 9	01	3	825 OAK GROVE RD	PANZERA, PANZERA & PARISI	52.12	Delaware River
Logan Township 1	002	1	2613 RT 322	GRASSO, CARMELLA	0.55	
Logan Township 10	002	2	RT 322	GRASSO, JOSEPH	14.82	
Logan Township 10	002	3	RT 322	LIBERTY PROPERTY DEVELOPMENT	24.36	
Logan Township 10	002	5	STONE MEETING HOUSE RD	SHIVELER, W & M, SHIVELER, R & M	14.23	Delaware River
Logan Township 10	002	6	STONE MEETING HOUSE RD	SHIVELER, W & M, SHIVELER, R & M	0.89	Delaware River
	002	7	OAK GROVE	R S GAVENTA LLC & GAVENTA, E	36.51	Delaware River
	002.01	1	RT 322	LIBERTY PROPERTY DEVELOPMENT	3.53	
	002.02	1	RT 322	LIBERTY PROPERTY DEVELOPMENT	14.87	
	003	1	RT 322	FALCON 50 FARMS LLC	67.14	
	003	2	COONTOWN RD	SHOPPING CENTERS ANONYMOUS LLC	46.97	
	003	3	118 COONTOWN RD	MULVENNA, VERNA & ETALS		Delaware River
	003	7	COONTOWN RD	MACCARONE, SAMUEL		Delaware River
	003	10	OAK GROVE RD	SHOEMAKER, RAYMOND		Delaware River
	003	11	676 OAK GROVE RD	LEONE, RUSSELL & APRIL P		Delaware River
	003	13	OAK GROVE RD	REINERTSEN, REINERT J		Delaware River
	003	13.01	738 OAK GROVE RD	FEDERAL NATIONAL MTG ASSN		Delaware River
	004	1	OAK GROVE RD	PANSERA, A & PANSERA, V		Delaware River
	004	4	OAK GROVE RD	MUSUMECI, JOSEPH & VICTORIA		Delaware River
	004	4.01	635 OAK GROVE RD	FEATHER, JOSEPH N & MARLENE		Delaware River
	004	4.02	OAK GROVE RD	ACITO, ROCCO JOSEPH JR & NANCY		Delaware River
Logari rownship	υυ <del>4</del>	4.02	OAN GROVE ND	AOLLO, NOCCO JOSEFA JK & NANCI	10.90	Delawale Livel

					Acres
Municipality	Block	Lot	Property Address	Owner's Name	(GIS) Project Area
Logan Township	1004	4.03	OAK GROVE RD	MUSUMECI, JOSEPH & VICTORIA	12.00 Delaware River
Logan Township	1004	5	OAK GROVE RD	STAYTON, HERBERT J JR & ETALS	56.80 Delaware River
Logan Township	1004	6	559 OAK GROVE RD	FEHLAUER, HARRY C/O AL HASKEY	6.46 Delaware River
Logan Township	1004	9	STONE MEETING HOUSE RD	RACITE, DOMINIC	37.95 Delaware River
Logan Township	1101	1	OAK GROVE	PANSERA, A & PANSERA, V	13.61 Delaware River
Logan Township	1102	15	2881 RT 322	FILEMYR, JOHN W	19.59
Logan Township	1102	17	RT 322	FILEMYR, JOHN W	18.58 Delaware River
Logan Township	1102	18	RT 322	FALCON 50 FARMS LLC	30.69 Delaware River
Logan Township	1102	19	RT 322	FALCON 50 FARMS LLC	22.37
Logan Township	1102	23.01	RT 322	BRIGGS, CHARLES & DEBORAH	12.68
Logan Township	1102	32	802 OAK GROVE RD	PANZERA, PANZERA & PARISI	69.32 Delaware River
Logan Township	1501	5	RT 322	BRIDGEPORT DISPOSAL LLC	54.43
Logan Township	1502	5	ROUTE 322	BRIDGEPORT DISPOSAL LLC	56.10
Logan Township	1502	6	ROUTE 322	BRIDGEPORT DISPOSAL LLC	58.46
Logan Township	1502	9	RT 322	BRIDGEPORT DISPOSAL LLC	10.23
Logan Township	1502	10	ROUTE 322	BRIDGEPORT DISPOSAL LLC	19.13
Logan Township	1502	12	119 S. BRIDGEPORT RD.	BRIDGEPORT DISPOSAL LLC	87.22
Logan Township	1503	1	S BRIDGEPORT	BRIDGEPORT DISPOSAL LLC	30.22
Logan Township	1503	5	S BRIDGEPORT	BRIDGEPORT DISPOSAL LLC	48.57
Logan Township	1602	9	2415 HIGH HILL RD	BERNER, SHARON L	11.35
Logan Township	1602	17	HIGH HILL RD	CENTER SQUARE REAL ESTATE DEV CO	50.43
Logan Township	1603	2	HIGH HILL RD	OMEGA ENGINEERING INC	5.87
Logan Township	1603	6	HIGH HILL RD	OMEGA ENGINEERING INC	107.38
Logan Township	1603	19	HERON DR	HH PARK, LLC	4.45
Logan Township	1603	20	HERON DR	HH PARK, LLC	3.71
Logan Township	1603	23	HERON DRIVE	HH PARK, LLC	4.71
Logan Township	1603	24	HERON DRIVE	HH PARK, LLC	5.22
Logan Township	1701	4	CENTER SQ	EXIT 10 RETAIL LLC	7.20
Logan Township	1701	4.01	CENTER SQ	EXIT 10 RETAIL LLC	28.97
Logan Township	1702	15	1059 TOWNSHIP LINE RD	STECHER, EMILY	50.37
Logan Township	1702	15.02	1067 TOWNSHIP LINE RD	STECHER, GLENN C	0.33
Logan Township	1703	2	CENTER SQ	CENTER SQUARE REAL ESTATE CO O	27.44
Logan Township	1703	12	1621 HIGH HILL RD	EASTLACK, ELVENA	5.81
Logan Township	1706	3	BECKETT RD	MUSUMECI FAMILY LLC	3.00
Logan Township	1706	6	BECKETT RD	MUSUMECI FAMILY LLC	3.57
Logan Township	2303	7	TOWNSHIP LINE RD	PRESNELL, MARK W	14.32
Logan Township	2304	1	CENTER SQ	CENTER SQUARE REAL ESTATE DEV CO	10.09
Logan Township	2304	3	OLDMANS CREEK ROAD	RAPISARDI, ROSARIO & CONCETTINA	11.04
Logan Township	2305	5	1586 CENTER SQ RD	RACITE, DOMINIC J	4.17
Logan Township	2309	8	CENTER SQ RD	LAIL, THOMAS J	51.09
Logan Township	2801	6	306 PEDRICKTOWN RD	JENKINS, JUDITH A & SCOTT G	6.33

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Logan Township	2801	10	LOGAN	OGBORNE, CARL JR & JUDITH	26.51
Logan Township	2801	12	PEDRICKTOWN RD	OGBORNE, CARL JR & JUDITH	8.33
Logan Township	2801	13	CEDAR LANE	OGBORNE, CARL & JUDITH	2.29
Logan Township	2801	30	OLDMANS CREEK ROAD	DP PARTNERS LOGAN I LLC	273.11
Logan Township	2801	31	OLDMANS CREEK ROAD	DP PARTNERS LOGAN I LLC	11.16
Logan Township	2801	39	2600 OLDMANS CREEK ROAD	PARCEL 29, LLC	57.65
Logan Township	2803	1.02	1151 COMMERCE BLVD.	DP PARTNERS LOGAN & COMPANY, LLC	18.54
Logan Township	2803	4	OLDMANS CREEK ROAD	DP PARTNERS LOGAN I LLC	109.79
Logan Township	2803	7	OLDMANS CREEK ROAD	DP PARTNERS LOGAN I LLC	0.52
Logan Township	2803	12.04	HERON DRIVE	PURELAND ASSOCIATION	8.62
Logan Township	2805	1.03	1110 COMMERCE BLVD	DP PARTNERS LOGAN I LLC	10.37
Logan Township	2901	16	VETERANS DRIVE	CENTER SQUARE REAL ESTATE DEV CO	17.82
Logan Township	2901	17	VETERANS DRIVE	CENTER SQUARE REAL ESTATE DEV CO	7.54
Logan Township	2901	19	2230 HIGH HILL RD	REDKOLES, ANDREW	59.04
Logan Township	2901	19.01	PEDRICKTOWN-CENTER SQ RD	REDKOLES, PAUL & BETTY LOU & MARGIE	6.09
Logan Township	2902	1	HIGH HILL & PEDRKTWN RD	CENTER SQUARE REAL ESTATE DEV CO	0.65
Logan Township	2902	3	610 PEDRICKTOWN RD	J WESLEY PROPERTIES LLC	15.39
Logan Township	3001	15.01	100 PROGRESS CT	DP PARTNERS LOGAN I LLC	154.66
Logan Township	3001	15.04	405 PEDRICKTOWN	DP PARTNERS LOGAN I LLC	201.13
Logan Township	3001	15.05	PEDRICKTOWN	DP PARTNERS LOGAN & COMPANY, LLC	29.08
Logan Township	3001	15.06	CENTER SQUARE RD.	DP PARTNERS LOGAN & COMPANY, LLC	8.65
Logan Township	3101	13	RT 130	COSTELLO, ROBERT	1.45
Logan Township	3101	14	RT 130	COSTELLO, ROBERT	2.24
Logan Township	3101	15	RT 130	COSTELLO, ROBERT	1.00
Logan Township	3102	5	RT 130	PARCEL 37 LLC	62.68
Logan Township	3103	3	RT 130	CENTER SQUARE REAL ESTATE DEV CO	64.23
Logan Township	3103	11	RT 130	KORIAKIN, ANNA & NICHOLAS	27.42
Logan Township	3103	12	JACKSON ST	CENTER SQ REAL ESTATE DEV CO INC	3.60
Logan Township	3103	14	RT 130	ANNA & NICHOLAS KORIAKIN	5.31
Logan Township	3103	23	ROUTE 130	LOGAN 529 GROUP LLC C/O WINDSOR	24.72
Logan Township	3104	1	CENTER SQ	LOGAN 529 GROUP LLC C/O WINDSOR	13.85
Logan Township	3104	2	CENTER SQ	LOGAN 529 GROUP LLC C/O WINDSOR	3.20
Logan Township	3104	3	CENTER SQ	LOGAN 529 GROUP LLC C/O WINDSOR	3.25
Logan Township	3104	4	CENTER SQ	LOGAN 529 GROUP LLC C/O WINDSOR	6.93
Logan Township	3104	5	BIRCH CREEK ROAD	CENTER SQUARE REAL ESTATE DEV CO	87.04
Logan Township	3104	12	CENTER SQ	CENTER SQUARE REAL ESTATE DEV CO	8.58
Mantua Township	1	3	BARNEY HAWKINS RD	STILL RUN PROPERTIES, LLC	20.25 Repaupo-Mantua Creek
Mantua Township	1	4	WOLFERT STATION RD	BOARTS, CHARLES A & JOAN W	4.52 Repaupo-Mantua Creek
Mantua Township	1	5	COHAWKIN RD	STILL RUN PROPERTIES LLC	23.04 Repaupo-Mantua Creek
Mantua Township	2	2	BARNEY HAWKINS RD	JENNINGS, A THOMAS	19.76 Repaupo-Mantua Creek
Mantua Township	2	11	CEDAR ROAD	GLASS, JOHN R & ALICE G	0.65 Repaupo-Mantua Cree

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Mantua Township	3	1	CEDAR ROAD	DEANGELIS, ELOUISE H	, ,	Repaupo-Mantua Creek
Mantua Township	4	1	444 COHAWKIN RD	BELLOCCHIO, JOSEPH A & CHERYL A		Repaupo-Mantua Creek
Mantua Township	4	4	BRIDGETON PIKE	CALTABIANO, JOSEPHINE		Repaupo-Mantua Creek
Mantua Township	4	7	COHAWKIN RD	STILL RUN PROPERTIES LLC		Repaupo-Mantua Creek
Mantua Township	4	7.01	434 COHAWKIN RD	GRACE FARMS INC		Repaupo-Mantua Creek
Mantua Township	4	12	854 BRIDGETON PIKE	CURTIS, ALLAN R & PATRICE A		Repaupo-Mantua Creek
Mantua Township	4	13	BRIDGETON PIKE	FOUR PARKS LP		Repaupo-Mantua Creek
Mantua Township	4	14	HERITAGE RD	LANDOLFI, JOHN P & M GAIL & ETAL		Repaupo-Mantua Creek
Mantua Township	4	14.03	659 HERITAGE RD	LANDOLFI, FRANK JR		Repaupo-Mantua Creek
Mantua Township	4	14.04	731 HERITAGE RD	WALLACE, STEVE F & JEANETTE		Repaupo-Mantua Creek
Mantua Township	4	15	HERITAGE RD	WARREN, WALLACE R		Repaupo-Mantua Creek
Mantua Township	4	16	380 COHAWKIN RD	POOL, RICHARD O & HEATHER L		Repaupo-Mantua Creek
Mantua Township	4	17	360 COHAWKIN RD	COUNTESS CHARLES W TRUST C/O KINGET		Repaupo-Mantua Creek
Mantua Township	4	17.01	336 COHAWKIN RD	KINGETT, DOROTHY		Repaupo-Mantua Creek
Mantua Township	4	19.01	COHAWKIN RD	CRAIG, KEITH & HOLLY		Repaupo-Mantua Creek
Mantua Township	4	20	751 HERITAGE RD	WARREN, WALLACE R		Repaupo-Mantua Creek
Mantua Township	4	22	791 HERITAGE RD	DECARLO, ZELINDA		Repaupo-Mantua Creek
•	4	26	HERITAGE RD	ROMANO, MICHAEL & DIANE M		Repaupo-Mantua Creek
Mantua Township	5	1		,		
Mantua Township			HERITAGE RD	FOUR PARKS LP		Repaupo-Mantua Creek
Mantua Township	5	3	770 BRIDGETON PIKE	HILL, SANDRA L & MACCHERONE'S		Repaupo-Mantua Creek
Mantua Township	5	4	BOODY MILL RD	LANDOLFI, JOHN & GAIL		Repaupo-Mantua Creek
Mantua Township	5	4.01	696 HERITAGE RD	LANDOLFI, JOHN		Repaupo-Mantua Creek
Mantua Township	5	4.02	HERITAGE RD	LANDOLFI, JOHN		Repaupo-Mantua Creek
Mantua Township	5	10.02	760 HERITAGE RD	HORNER, RICHARD E & MELINDA KAY		Repaupo-Mantua Creek
Mantua Township	5	10.03	780 HERITAGE RD	CORDNER, WILLIAM & DOROTHY		Repaupo-Mantua Creek
Mantua Township	5	14	BOODY MILL RD	KRAMER, JOSEPH F		Repaupo-Mantua Creek
Mantua Township	5	15	435-425 BOODY MILL RD	BASS, M L & H T, & DINAH FLACK		Repaupo-Mantua Creek
Mantua Township	5	16	BRIDGETON PIKE	MACCHERONE, ALFRED J & MARION A		Repaupo-Mantua Creek
Mantua Township	6	5.02	1 LARAMIE WAY	TOMARCHIO, JOSEPH J & BEVERLY	27.22	
Mantua Township	46.03	7	BRIDGETON PIKE	GRANATO, LOUIS C & CLARA E	7.17	
Mantua Township	52.04	1	177 SCHAUB ROAD	SCHAUB, JOHN R & JOANNE C	17.20	
Mantua Township	53	3	126 SCHAUB ROAD	GRANATO, CLARA E & LOUIS	10.29	
Mantua Township	147	7.01	MT ROYAL ROAD	JOHNSTON, BRENDA LEE	1.22	
Mantua Township	147	7.03	MT ROYAL ROAD	JOHNSTON, BRENDA LEE	2.83	
Mantua Township	147	7.08	399 MT ROYAL ROAD	JOHNSTON, BRENDA LEE	5.60	
Mantua Township	147	7.09	MT ROYAL ROAD	JOHNSTON, BRENDA LEE	3.75	
Mantua Township	147	8	361 MT ROYAL ROAD	JOHNSTON, BRENDA LEE	3.39	
Mantua Township	158	4	44 LORING LANE	FALTENBACHER, MICHAEL	18.99	
Mantua Township	158	4.04	8 LORING LANE	CARLSON, GARY R	14.97	
Mantua Township	158	4.05	34 LORING LANE	MCCABE, JOHN J & DENISE D	21.85	
Mantua Township	158	4.06	25 LORING LANE	DEMPSEY, MICHELLE & JOHN PAUL	10.17	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Mantua Township	158.07	2	225 BERRY LANE	DAWSON, MALCOLM H & ELLEN B	11.82
Mantua Township	158.07	2.01	245 BERRY LANE	PHILLIPS, DAVID C & KELLY S	13.21
Mantua Township	158.07	22.03	591 MAIN STREET	SCHAFFNER, FRED & MARIA	9.00
Mantua Township	160	8	MAIN STREET	COUNSELLOR, BETTE & DORIS BAUMAN	57.73
Mantua Township	170	3	MANTUA BLVD	POSTORIVO, EUGENIO JR	25.72
Mantua Township	170	5	510 MANTUA BLVD	MATSUI NURSERY INC	12.75
Mantua Township	172	5	519 MANTUA BLVD	LEGGE, JOHN C JR & PATRICIA A	7.04
Mantua Township	172	6	MANTUA BLVD	HOWARTH, C ROBERT	4.98
Mantua Township	172	6.01	MANTUA BLVD	LEGGE, JOHN C JR & PATRICIA A	4.28
Mantua Township	172	6.02	545 MANTUA BLVD	GLAZE, WILLIAM G & PHYLLIS	10.16
Mantua Township	172	6.04	MANTUA BLVD	LEGGE, JOHN C JR & PATRICIA A	2.58
Mantua Township	172	6.05	577 MANTUA BLVD	HOWARTH, C ROBERT	8.65
Mantua Township	195	1	730 MANTUA BLVD	PRICKETT GRANTOR TRUST	37.39
Mantua Township	195	1.02	770 TO 778 WDBY GLASSBORO	PRICKETT, EDWARD S	17.33
Mantua Township	199	6	CENTER STREET	DIOCESE OF CAMDEN	8.15
Mantua Township	199	7	CENTER STREET	DIOCESE OF CAMDEN	0.05
Mantua Township	242	1.01	WOODBURY GLASSBORO RD	BRANCH ROAD PARTNER @ LEDDENS	40.23
Mantua Township	242	2	WOODBURY GLASSBORO RD	BRANCH ROAD PARTNER @ LEDDENS	0.21
Mantua Township	242	7	625 WOODBURY GLASSBORO RD	INVERSAND CO	65.16
Mantua Township	243	1	COTTAGE GATE CIRCLE	PAPARONE HOUSING COMPANY LLC	28.05
Mantua Township	243.01	7	127 BRANCH ROAD	HOLSHUE, ROBERT E	18.27
Mantua Township	248	1	BETHEL MILL ROAD	S D LOVE INVESTMENTS LLC	13.31
Mantua Township	248	2	481 BETHEL MILL ROAD	LOVE, SARAH D	17.98
Mantua Township	248	2.02	455 BETHEL MILL ROAD	S D LOVE INVESTMENTS, LLC	3.72
Mantua Township	248	2.04	449 BETHEL MILL ROAD	S D LOVE INVESTMENTS, LLC	5.95
Mantua Township	251	16	375 CENTER STREET	BOMBARO, AUSTIN J	15.05
Mantua Township	254	5.01	822 MAIN STREET	CRESSE, NANCY	9.57 Repaupo-Mantua Creek
Mantua Township	254	19	990 MAIN ST	BROWN, GARY S & PATRICIA	13.50 Repaupo-Mantua Creek
Mantua Township	254	42.01	319 PITMAN ROAD	CAIONE, JR RALPH & SUSAN F	5.77 Repaupo-Mantua Creek
Mantua Township	254	42.06	241 BARNSBORO ROAD	HOY, ROBERT & JOANNE	6.47 Repaupo-Mantua Creek
Mantua Township	256	5.02	188 GOLF CLUB ROAD	ANDERSON, ROBERT & WENDIE	12.25 Repaupo-Mantua Creek
Mantua Township	259.01	3	131 HEILIG ROAD	WOOD, JEFFREY & AMANDA HOGAN	2.95 Repaupo-Mantua Creek
Mantua Township	259.01	4	141 HEILIG ROAD	WOOD, JEFFREY & AMANDA HOGAN	3.00 Repaupo-Mantua Creek
Mantua Township	259.01	5	HEILIG ROAD	HEILIG ORCHARDS INC	9.69 Repaupo-Mantua Creek
Mantua Township	259.01	6	HEILIG ROAD	HEILIG ORCHARDS INC	1.83 Repaupo-Mantua Creek
Mantua Township	260	4	PITMAN ROAD	ZEE, LOIS R & JAMES III & ETAL	31.44 Repaupo-Mantua Creek
Mantua Township	260	4.01	580 PITMAN ROAD	MOORE, MICHAEL & JEANNINE	12.78 Repaupo-Mantua Creek
Mantua Township	260	12	LAMBS ROAD	SMITH ORCHARDS LP	18.68 Repaupo-Mantua Creek
Mantua Township	260	13.04	762 LAMBS ROAD	MADARA, WILLIAM H & CYNTHIA JR	0.98 Repaupo-Mantua Creek
Mantua Township	260	15.04	BARNSBORO ROAD	SMITH ORCHARDS	82.76 Repaupo-Mantua Creek
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Mantua Township	260	15.01	561 BARNSBORO ROAD	HURFF, JOHN R,JR & NANCY	8.15 Repaupo-Mantua Creek

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Mantua Township	260	16	BARNSBORO ROAD	MADISON/CANUSO ATTN: LISA TSUI	17.19	Repaupo-Mantua Creek
Mantua Township	261	3.01	CAREW AVENUE	YOUNG, PATRICIA	1.14	
Mantua Township	261	4	CAREW AVENUE	ZEE, PATRICIA	3.88	
Mantua Township	261.01	14	MULLICA HILL ROAD	MADISON/CANUSO ATTN: LISA TSUI	4.06	Repaupo-Mantua Creek
Mantua Township	261.01	15.02	LAMBS ROAD	MADISON/CANUSO ATTN: LISA TSUI	0.92	Repaupo-Mantua Creek
Mantua Township	261.01	16	LAMBS ROAD	ZEE, DOUGLAS		Repaupo-Mantua Creek
Mantua Township	261.01	16.03	LAMBS ROAD	ZEE, DOUGLAS		Repaupo-Mantua Creek
Mantua Township	261.01	16.04	LAMBS ROAD	WILLIAMS, ERNEST C JR & CONSTANCE		Repaupo-Mantua Creek
Mantua Township	261.01	17	731 LAMBS ROAD	SMITH FRED ORCHARDS INC		Repaupo-Mantua Creek
Mantua Township	263	1.11	589 BREAKNECK ROAD	TURK, THOMAS H & COURTNEY J		Repaupo-Mantua Creek
Mantua Township	263	3	555 BREAKNECK ROAD	CORYELL, GLORIA M C/O DONNA		Repaupo-Mantua Creek
Mantua Township	263	3.01	BREAKNECK ROAD	CORYELL, FRANK III & KRISTIN		Repaupo-Mantua Creek
Mantua Township	263.01	4.01	417 BREAKNECK ROAD	BALLINGER, JAMES		Repaupo-Mantua Creek
Mantua Township	263.01	4.03	BREAKNECK ROAD	BALLINGER, EDWARD K C/O E BALLINGER		Repaupo-Mantua Creek
Mantua Township	263.01	7	527 SHADOWBROOK TRAIL	MCDOWELL, MARK A		Repaupo-Mantua Creek
Mantua Township	263.01	7.02	JEFFERSON ROAD	EACHUS, ELLA V	10.33	Repaupo-Mantua Creek
Mantua Township	264	2.01	JACKSON RD	SHIELDS, PATRICK J III & PATRICIA A		Repaupo-Mantua Creek
Mantua Township	265	1	768 JACKSON RD & 291 JEFF	KRAEMER, ROSALIE A	99.59	Repaupo-Mantua Creek
Mantua Township	265	2	211 JEFFERSON ROAD	WHITE, WILLIAM H		Repaupo-Mantua Creek
Mantua Township	265	4	JEFFERSON ROAD	KRAEMER, CATHERINE JEAN		Repaupo-Mantua Creek
Mantua Township	265	9.05	140 HEILIG ROAD	MCDERMOTT, JAMES M JR & MAUREEN		Repaupo-Mantua Creek
Mantua Township	265	11	HEILIG ROAD	DATZ, CHARLES H - EXECUTOR		Repaupo-Mantua Creek
Mantua Township	265	12	JACKSON RD	DAMMINGER, OSCAR	17.40	Repaupo-Mantua Creek
Mantua Township	272	1.04	BRIDGETON PIKE	JOHN F. MULLIGAN, JR. & ETALS	24.91	Repaupo-Mantua Creek
Mantua Township	272	2	380 HERITAGE ROAD	LAMBERT, OLIVER P & HELEN F	26.39	Repaupo-Mantua Creek
Mantua Township	272	2.04	665 NASHVILLE ROAD	SHARP, KIMBERLY & DOUGLAS		Repaupo-Mantua Creek
Mantua Township	272	13.01	HERITAGE ROAD	HILL, SANDRA L & MACCHERONE'S	8.46	Repaupo-Mantua Creek
Mantua Township	272	17	BRIDGETON PIKE	HILL, SANDRA L & MACCHERONE'S		Repaupo-Mantua Creek
Mantua Township	273	2.02	901 BRIDGETON PIKE	FREAS FOGG, HELEN JANE M	5.12	Repaupo-Mantua Creek
Mantua Township	273	2.03	855 BRIDGETON PIKE	RIZZI, ANGELO R,JR & JACALYN E	7.30	Repaupo-Mantua Creek
Mantua Township	273	19.05	6 MEYERS CREEK COURT	MIKELL, CHERIE A & QUINTIN P JR	6.23	Repaupo-Mantua Creek
Mantua Township	273	19.09	2 MEYERS CREEK COURT	PALKO, CRAIG & MICHELLE	3.04	Repaupo-Mantua Creek
Mantua Township	273	19.10	1 MEYERS CREEK COURT	POSTORIVO, EUGENIO JR	3.34	Repaupo-Mantua Creek
Mantua Township	273	19.11	551 JACKSON RD	POSTORIVO, EUGENIO JR	3.07	Repaupo-Mantua Creek
Mantua Township	273	20	444 BREAKNECK ROAD	BALLINGER, GEORGE E & JAMES H		Repaupo-Mantua Creek
Mantua Township	273	22	895 BRIDGETON PIKE	THE STECHER FAMILY LLC		Repaupo-Mantua Creek
Mantua Township	273	22.01	BREAKNECK ROAD	STECHER FAMILY LLC		Repaupo-Mantua Creek
Mantua Township	273	23	572 BREAKNECK ROAD	BONNER, CYNTHIA S		Repaupo-Mantua Creek
Mantua Township	273	23.02	580 BREAKNECK ROAD	BLEMKER, WILLIAM & NANCY L		Repaupo-Mantua Creek
Mantua Township	273	24	BRIDGETON PIKE	K & M PARTNERSHIP LLC	27.25	Repaupo-Mantua Creek
Mantua Township	273	24.01	590 BREAKNECK ROAD	ANDERSON, VICTOR F 2ND	11.60	Repaupo-Mantua Creek

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Mantua Township	273	25	BRIDGETON PIKE	BRUNI, JOANNE WINGATE & H THOMAS		Repaupo-Mantua Creek
Mantua Township	273	26.01	885 BRIDGETON PIKE	MCEVOY, PETER & DORIS N		Repaupo-Mantua Creek
Mantua Township	273	26.02	BRIDGETON PIKE	STECHER FAMILY LLC		Repaupo-Mantua Creek
Mantua Township	273	26.03	911 BRIDGETON PIKE	STECHER, JACQUELINE		Repaupo-Mantua Creek
Mantua Township	274	4.01	HERITAGE ROAD	SCHMIDT, KARL R & CAROLYN M		Repaupo-Mantua Creek
Mantua Township	274	4.02	HERITAGE ROAD	SCHMIDT, KARL R & CAROLYN M	0.41	Repaupo-Mantua Creek
Mantua Township	274	4.03	HERITAGE ROAD	SCHMIDT, KARL R & CAROLYN M	10.32	Repaupo-Mantua Creek
Mantua Township	274	7.02	156 BREAKNECK ROAD	PETERSON, DOUGLAS K SR & CAROLINE	10.45	Repaupo-Mantua Creek
Mantua Township	274	7.03	BREAKNECK ROAD	READ, PETER B & MARGARET A	30.73	Repaupo-Mantua Creek
Mantua Township	274	10	556 JACKSON RD	ADOMAITIS, JOSEPH A & DEBORAH I	16.31	Repaupo-Mantua Creek
Mantua Township	276	1	656 JACKSON RD	BROWER, DAVID C	13.52	Repaupo-Mantua Creek
Mantua Township	276	1.05	620 JACKSON ROAD	STANLEY, HENRY R JR & JOANNE	9.12	Repaupo-Mantua Creek
Mantua Township	276	1.06	640 JACKSON RD	REID, EUGENE & KATHLEEN	7.05	Repaupo-Mantua Creek
Mantua Township	276	2	357 BREAKNECK ROAD	PICKERING, JOHN E	24.78	Repaupo-Mantua Creek
Mantua Township	276	3.01	337 BREAKNECK ROAD	KELLEY, HEIDY P	12.27	Repaupo-Mantua Creek
Mantua Township	276	16	BARNSBORO ROAD	NEWCOMB, ANN C	32.56	Repaupo-Mantua Creek
Mantua Township	276	17.02	BARNSBORO ROAD	NEWCOMB, ANN C		Repaupo-Mantua Creek
Mantua Township	276	20	244 JEFFERSON ROAD	WHITE, WILLIAM H	26.35	Repaupo-Mantua Creek
Mantua Township	276	23	390 JEFFERSON ROAD	GIANSANTI, STEVEN		Repaupo-Mantua Creek
Mantua Township	276	23.03	JACKSON ROAD	GIANSANTI, STEPHEN W		Repaupo-Mantua Creek
Mantua Township	276	23.04	386 JEFFERSON ROAD	GIANSANTI, STEPHEN W		Repaupo-Mantua Creek
Mantua Township	276.01	12	234 BARNSBORO ROAD	SWEENEY, MARIE E		Repaupo-Mantua Creek
Monroe Township	101	2	254 BERLIN CROSSKEYS RD	REDGIL LLC	35.54	• • •
Monroe Township	101	3	BERLIN CROSSKEYS RD	BARCLAY GLEN AT CROSS KEYS LLC	14.08	
Monroe Township	101	3.02	BERLIN CROSSKEYS RD	CROSS KEYS MONROE LLC	1.57	
Monroe Township	101	3.03	BERLIN CROSSKEYS RD	CROSS KEYS MONROE LLC	1.47	
Monroe Township	101	3.04	BERLIN CROSSKEYS RD	CROSS KEYS MONROE LLC	1.50	
Monroe Township	101	3.05	BERLIN CROSSKEYS RD	CROSS KEYS MONROE LLC	1.88	
Monroe Township	101	3.06	BERLIN CROSSKEYS RD	CROSS KEYS MONROE LLC	9.41	
Monroe Township	101	56	221 PROSSER AVE	FRATERNAL PROPERTIES LLC	6.85	
Monroe Township	301	19	1812 HERBERT BLVD	HOPKINS, STEPHEN L	5.73	
Monroe Township	301	20.01	HERBERT BLVD	HOPKINS, STEPHEN L	4.33	
Monroe Township	401	9	1817 HERBERT BLVD	MORAN, JOHN F	5.68	
Monroe Township	401	13	1817 HERBERT BLVD	MORAN, JOHN F	3.01	
Monroe Township	2201	18.01	RADIX RD	ZIELKE, WILIAM & JEANNE	5.46	
Monroe Township	2201	20	292 RADIX RD	ZIELKE WILLIAM A & FAUVER, JEANNE C	4.91	
Monroe Township	2201	21	RADIX RD	ZIELKE, WILLIAM A JR & JEANNE C	0.93	
Monroe Township	2401	1	1034 ANDREWS RD	GENTILE, ANTHONY M	34.59	
Monroe Township	2501	7	1331 NEW BROOKLYN RD	SIMMERMON, JOHN F & ANN		New Brooklyn
Monroe Township	2501	8	1355 NEW BROOKLYN RD	TALACHADZE, JULIE		New Brooklyn
Monroe Township	2601	8	1110 NEW BROOKLYN RD	JENGEHINO, JOHN F & SUSAN A	11.86	•

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Monroe Township	2601	31.01	1616 NEW BROOKLYN RD	MORRISON, STANLEY & CYNTHIA L	8.08	i Toject Area
Monroe Township	2601	31.01	1199 MALAGA RD EAST	HOWIE, DOUGLAS T & JESSICA R	8.26	
Monroe Township	2702	21	WINSLOW RD	CARUSO, ANTHONY F	4.54	
	2702	23	WINSLOW RD	*	0.55	
Monroe Township	2702	24	WINSLOW RD	CARUSO, ANTHONY F	7.84	
Monroe Township	2702	33		CARUSO, ANTHONY F		
Monroe Township	2702		1205 MORGAN RD	LEHMAN, EDMOND J C/O HELEN LEHMAN	16.96	
Monroe Township		34	1291 MORGAN RD	DARE, CHERYL A	7.63	
Monroe Township	2703	1	1129 MORGAN RD	KURLEY, MICHAEL	11.46	
Monroe Township	2802	9	FRYERS LANE	FRYER FAMILY TRUST C/O CINDY FRYER	7.28	
Monroe Township	2901	17	836 NEW BROOKLYN RD	GORMAN, EDWARD V	9.10	
Monroe Township	2901	20	NEW BROOKLYN RD	CUMMINGS, SUSAN B	8.43	
Monroe Township	2901	21	726 NEW BROOKLYN RD	CUMMINGS, SUSAN B	2.39	
Monroe Township	2901	48.01	TIFFANY LANE	STELLACCIO, JAMES J & LYNN M	7.67	
Monroe Township	2901	49	1033 WINSLOW RD	STELLACCIO, MICHAEL JAMES	1.20	
Monroe Township	3101	10	465 WINSLOW RD	HARGROVE, WILLIAM	7.56	
Monroe Township	3503	2	900 WINSLOW RD	HOFFMAN, MARGARET	6.04	
Monroe Township	3503	5	960 WINSLOW RD	DIETTERICK, BARBARA JANE	6.08	
Monroe Township	3601	13	1204 BLACK HORSE PK	WBHP, LLC	21.35	
Monroe Township	3801	3	1524 S BLACK HORSE PK	WBHP A LLC C/O BENDERSON DEV CO	2.45	
Monroe Township	3801	31	S BLACK HORSE PK	WBHP A LLC C/O BENDERSON DEV CO	2.11	
Monroe Township	3801	32	1524 S BLACK HORSE PK	WBHP A LLC C/O BENDERSON DEV CO	2.25	
Monroe Township	3901	30.01	BLACK HORSE PIKE S	SCHAFFER, ROBERT	4.08	
Monroe Township	3901	30.02	S BLACK HORSE PK	SCHAFER, ROBERT JR	3.94	
Monroe Township	4001	26	1928 CORKERY LANE	LAYDEN RONALD R	19.49	
Monroe Township	4103	30	2336 S BLACK HORSE PK	HURFF, JOSEPH PAUL SR	1.91	
Monroe Township	4103	31	2336 S BLACK HORSE PK	HURFF, JOSEPH PAUL SR	13.67	
Monroe Township	4301	21	1844 WINSLOW RD	NEIL, GARY JOSEPH & MARGARET MARY	14.42	
Monroe Township	4301	31	2020 WINSLOW RD	ROBERSON, TERRY E & DIANE E	9.85	
Monroe Township	4301	33	WINSLOW RD	CARMICHAEL, JAMES & GLORIA	51.56	
Monroe Township	4401	1	990 MALAGA RD EAST	SAVOIE, BARRY & CAROL	9.59	
Monroe Township	4401	29	WINSLOW RD	DESANTIS, JOSEPH & DENISE	9.75	
Monroe Township	4401	34	WINSLOW RD	KOZAK, DAN & CARLA	7.58	
Monroe Township	4401	35	WINSLOW RD	KOZAK, DAN	7.35	
Monroe Township	4502	2	LEBANON AVE	MUTH, MARGARET	8.61	
Monroe Township	4504	6	2057 WINSLOW RD	WISNIEWSKI, EDWARD P & CATHERINE M	4.39	
Monroe Township	4504	7	2057 WINSLOW RD	WISNIEWSKI, EDWARD P & CATHERINE M	0.43	
Monroe Township	4504	9	WINSLOW RD	WISNIEWSKI, EDWARD P & CATHERINE M	0.72	
Monroe Township	4504	10	WINSLOW RD	WISNIEWSKI, EDWARD P & CATHERINE	0.72	
Monroe Township	4504	11	2057 WINSLOW RD	WISNIEWSKI, EDWARD P & CATHERINE M	0.20	
Monroe Township	4504	12	WHITEHILL AVE	WISNIEWSKI, EDWARD P & CATHERINE M WISNIEWSKI, EDWARD P & CATHERINE M	1.44	
Monroe Township	4504	13	WHITEHILL AVE	WISNIEWSKI, EDWARD P & CATHERINE M WISNIEWSKI, EDWARD P & CATHERINE M	0.17	

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Monroe Township	4504	14	LEBANON AVE	WISNIEWSKI, EDWARD P & CATHERINE M	1.21	
Monroe Township	4504	15	LEBANON AVE	WISNIEWSKI, EDWARD P & CATHERINE M	0.80	
Monroe Township	4506	2	WINSLOW RD	MUTH, NICHOLAS AND VERONICA	2.41	
Monroe Township	4506	4	WINSLOW RD	MUTH, NICHOLAS AND VERONICA	0.11	
Monroe Township	4601	1	2234 BROAD LANE	PURDY, EDGAR M & PATRICIA A	24.23	
Monroe Township	4601	9	2096 BROADLANE RD	ESTATE OF GERALDINE LEONARSKI	6.55	
Monroe Township	4701	8	2043 BROAD LANE	BOECKLE, EDMUND C JR & ROSE, L	7.57	
Monroe Township	4701	16	2183 BROAD LANE	JONES, TERESA MERRIS	11.99	
Monroe Township	4801	1	2276 BROAD LANE	TRONCO, NICHOLAS A	3.50	
Monroe Township	4801	1.01	2276 BROAD LANE	TRONCO, NICHOLAS A	38.07	
Monroe Township	4801	2	2330 BROAD LANE	JONES, KATHERINE B	19.61	
Monroe Township	4801	3	2382 BROAD LANE	WHEALIN, YVONNE M	10.81	
Monroe Township	4801	31	2159 WINSLOW RD	MUTH, NICHOLAS & VERONICA	22.00	
Monroe Township	4902	1	2266 WINSLOW RD	MAYO, CARLOS ALBERTO JI & JENNIFER	3.72	
Monroe Township	4902	7	199 HUBER AVE	CARMICHAEL, JAMES E & GLORIA A	13.87	
Monroe Township	4902	16	295 HUBER AVE	HARTMAN, PAUL JR	7.32	
Monroe Township	4902	28	493 HUBER AVE	GOUGH. MICHAEL	9.12	
Monroe Township	5002	9	2426 WINSLOW RD	OBSCHLEGER, KAREN D	10.33	
Monroe Township	5002	11	2482 WINSLOW RD	WADE, KARL & MYERS, BRENDA	6.62	
Monroe Township	5002	12	WINSLOW RD	WADE, KARL E & MYERS, BRENDA L	16.65	
Monroe Township	5101	13	2507 BROAD LANE	SELENSKI, THOMAS A & JOAN N	5.99	
Monroe Township	5301	6	6 HUBER AVE	HARTMAN, PAUL	6.74	
Monroe Township	5301	7	HUBER AVE	NAGE, ROBERT A	6.84	
Monroe Township	5301	8	647 HUBER AVE	NAGE, ROBERT A	9.34	
Monroe Township	5301	9	677 HUBER AVE	ENGSTROM KATHLEEN & CHARLES BURKERT	11.19	
Monroe Township	5301	12.01	BROADLANE ROAD	PETRANCURI. ALBERT	10.90	
Monroe Township	5301	13	549 BROADLANE RD	PETRANCURI, ALBERT & JUDY ANNE	12.96	
Monroe Township	5303	9	422 BROADLANE RD	HARTMANN.DERRICK P	9.86	
Monroe Township	5401	39	115 BETTINGER RD	HARNING, KAITLIN & KRACZKOWSKI,JOS	9.92	
Monroe Township	5401	40.01	BETTINGER RD	HARNING, KAITLIN & KRACZKOWSKI, JOS	3.44	
Monroe Township	6101	4	S BLK HORSE PK	STALBA. THOMAS J.JR & KAREN		Pinelands South
Monroe Township	6101	5	4546 BLACK HORSE PK S	STALBA, THOMAS J.JR & KAREN		Pinelands South
Monroe Township	6101	7	BLACK HORSE PK	KEARNS, JOHN E & DEBORAH		Pinelands South
Monroe Township	6101	8	BLK HORSE PK	KEARNS, JOHN E & DEBORAH		Pinelands South
Monroe Township	6101	21	PINEY HOLLOW RD	KEARNS, JOHN E & DEBORAH		Pinelands South
Monroe Township	6101	22	PINEY HOLLOW RD	MEASLEY, CARLTON J	_	Pinelands South
Monroe Township	6101	23	502 PINEY HOLLOW RD EAST	MEASLEY, CARLTON J		Pinelands South
Monroe Township	6101	27	PINEY HOLLOW RD	MEASLEY, CARLTON J	7.44	
Monroe Township	6201	1	SEVENTEENTH AVE	HOGBIN, FRANK O & KATHRYN		Pinelands South
Monroe Township	6201	3	SEVENTEENTH AVE	MEASLEY, CARLTON J		Pinelands South
Monroe Township	6201	4	PINEY HOLLOW RD	HOGBIN,KATHRYN		Pinelands South

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Monroe Township	6301	26	BLACK HORSE PK	FORTE, LEONARD J & WILUSHEWSKI, LOU		Pinelands South
Monroe Township	6401	1	PINEY HOLLOW RD	FORTE, LEONARD J & WILUSHEWSKI, LOU	5.94	Pinelands South
Monroe Township	6401	4	PINEY HOLLOW RD	FORTE, LEONARD J & WILUSHEWSKI, LOU	16.76	Pinelands South
Monroe Township	6401	5	HOSPITALITY BR	KEARNS, DEBORAH E	18.88	Pinelands South
Monroe Township	6401	6	BLK HORSE PK	KEARNS, DEBORAH	7.93	Pinelands South
Monroe Township	6401	7	BLK HORSE PK	KEARNS, DEBORAH	5.60	Pinelands South
Monroe Township	6401	20	BLACK HORSE PK SOUTH	HOGBIN, JOHN A	3.11	Pinelands South
Monroe Township	6401	21	4415 BLACK HORSE PK SOUTH	HOGBIN, JOHN A	9.18	Pinelands South
Monroe Township	6401	22	BLACK HORSE PK	HOGBIN, JOHN A	4.10	Pinelands South
Monroe Township	6401	25	BLACK HORSE PK	HOGBIN, JOHN A	10.37	Pinelands South
Monroe Township	6401	25.01	BLACK HORSE PK	KEARNS JOHN & DEBORAH E	22.01	Pinelands South
Monroe Township	6401	25.02	BLACK HORSE PK	HOGBIN, JOHN A	4.92	Pinelands South
Monroe Township	6401	26	S BLK HORSE PK	HOGBIN, JOHN A	7.40	Pinelands South
Monroe Township	6401	27	S BLK HORSE PK	HOGBIN, JOHN A	0.33	Pinelands South
Monroe Township	6401	28	4701 BLACK HORSE PK S	FORTE, LEONARD J & WILUSHEWSKI, LOU	48.27	Pinelands South
Monroe Township	6401	29	PINEY HOLLOW RD	FORTE, LEONARD J & WILUSHEWSKI, LOU	66.30	Pinelands South
Monroe Township	6401	30	FARAWAY BR	FORTE, LEONARD J & WILUSHEWSKI, LOU	57.52	Pinelands South
Monroe Township	6501	1.01	DUTCH MILL RD	DUN RITE SAND & GRAVEL CO	200.48	Pinelands South
Monroe Township	6501	4	BLACK HORSE PK	DUN RITE SAND & GRAVEL COMPANY	22.72	Pinelands South
Monroe Township	6501	5	BLACK HORSE PK	DUN RITE SAND & GRAVEL COMPANY	46.80	Pinelands South
Monroe Township	6701	11	PINEY HOLLOW RD	FORTE, LEONARD J & WILUSHEWSKI, LOU	104.86	Pinelands South
Monroe Township	6801	1	DUTCH MILL RD	BIAGI, JAMES & NATALIE	3.95	Pinelands South
Monroe Township	6901	9	PINEY HOLLOW RD	BIAGI, JAMES & NATALIE	16.46	Pinelands South
Monroe Township	6901	10	PINEY HOLLOW RD	BIAGI, JAMES & NATALIE	24.61	Pinelands South
Monroe Township	6901	11	PINEY HOLLOW RD	BIAGI, JAMES & NATALIE	57.48	Pinelands South
Monroe Township	7001	2	3971 JACKSON RD	SAHARA SAND INC	6.68	Pinelands South
Monroe Township	7001	5	JACKSON RD	SAHARA SAND, INC.	12.33	Pinelands South
Monroe Township	7001	7	JACKSON RD	SAHARA SAND, INC.	123.42	Pinelands South
Monroe Township	7001	12	PINEY HOLLOW RD	BIAGI, JAMES & NATALIE	3.28	Pinelands South
Monroe Township	7001	13	PINEY HOLLOW RD	BIAGI, JAMES & NATALIE	5.66	Pinelands South
Monroe Township	7001	14	PINEY HOLLOW RD	BIAGI, RENATO/ CO WAYNE BIAGI		Pinelands South
Monroe Township	7001	18	PINEY HOLLOW RD	BIAGI, RENATO/ CO WAYNE BIAGI	26.88	Pinelands South
Monroe Township	7001	19	PINEY HOLLOW RD	BIAGI, WAYNE & MARYBETH	12.51	Pinelands South
Monroe Township	7101	3	JACKSON RD	SAHARA SAND INC		Pinelands South
Monroe Township	7101	7	JACKSON RD	LOUIE, MON & NANCY	7.78	Pinelands South
Monroe Township	7201	6	3926 JACKSON RD	WILSON, ROBERT & LINDA		Pinelands South
Monroe Township	7301	14	BLACK HORSE PIKE (REAR)	RIETHER, MARK & RACHEL		Pinelands South
Monroe Township	7301	15	BLACK HORSE PIKE	RIETHER, MARK J & RACHEL		Pinelands South
Monroe Township	7301	16	11 LACOVARA LANE	RIETHER, MARK J & RACHEL		Pinelands South
Monroe Township	7301	16.02	PINEY HOLLOW RD	RIETHER, MARK J & RACHEL		Pinelands South
Monroe Township	7301	29	449 PINEY HOLLOW RD W	MOFFA, MICHAEL A & ETALS		Pinelands South

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Monroe Township	7302	7	BLK HORSE PK S	KEARNS, JOHN E & DEBORAH E		Pinelands South
•	7302	12		· · · · · · · · · · · · · · · · · · ·		Pinelands South
Monroe Township			PINEY HOLLOW RD	KEARNS, JOHN E & DEBORAH E		= = = = =
Monroe Township	7416	3	BLACK HORSE PIKE	HOGBIN, OMAR C/O FRANK HOGBIN		Pinelands South
Monroe Township	7416	4	SHARPS RD	HOGBIN, FRANK	_	Pinelands South
Monroe Township	7416	5	SHARPS RD	HOGBIN, FRANK	-	Pinelands South
Monroe Township	7501	11	BLACK HORSE PK	GELLERT, JOHN & ROSALIE		Pinelands South
Monroe Township	7501	12	3627 BLACK HORSE PK	GELLERT, JOHN & ROSALIE	_	Pinelands South
Monroe Township	7502	4	3681 OLD BLACK HORSE PK	GELLERT, JOHN & ROSALIE		Pinelands South
Monroe Township	7801	2	COLES MILL RD	GALLAGHER, JOSEPH C & CAROLE		Pinelands South
Monroe Township	7801	15	924 COLES MILL RD	GALLAGHER, JOSEPH C & CAROLE M		Pinelands South
Monroe Township	7801	16	900 COLES MILL RD	GALLAGHER, CHARLES M	4.32	Pinelands South
Monroe Township	7801	17	COLES MILL RD	GALLAGHER, CHARLES M	4.07	Pinelands South
Monroe Township	7801	18	COLES MILL RD	GALLAGHER, JOSEPH C	2.14	Pinelands South
Monroe Township	7801	19	COLES MILL RD	GALLAGHER, JOSEPH C	2.07	Pinelands South
Monroe Township	7801	20	858 COLES MILL RD	GALLAGHER, JOSEPH C & CAROLE M	3.93	Pinelands South
Monroe Township	7801	25	JACKSON RD	GALLAGHER, JOSEPH & CAROLE	90.51	Pinelands South
Monroe Township	7901	15	1224 COLES MILL RD	ALLISON, RYAN & SHARI	8.34	Pinelands South
Monroe Township	7901	25	WHITEHALL RD	GALLAGHER, JOSEPH C & CAROLE	2.08	Pinelands South
Monroe Township	7901	26	WHITEHALL RD	GALLAGHER, JOSEPH C & CAROLE	3.06	Pinelands South
Monroe Township	8001	1	1479 COLES MILL RD	GARDINER, DIANA K	20.09	
Monroe Township	8101	17	JACKSON RD	THOMPSON INVESTMENT GROUP	3.42	Pinelands South
Monroe Township	8101	18	JACKSON RD	THOMPSON INVESTMENT INC	3.72	Pinelands South
Monroe Township	8101	19	JACKSON RD	GALLAGHER, JOSEPH C	7.49	Pinelands South
Monroe Township	8101	39	797 COLES MILL RD	THOMPSON INVESTMENT GROUP GEN PARTN	2.08	Pinelands South
Monroe Township	8101	40	807 COLES MILL RD	GALLAGHER, JOSEPH C & CAROLE M	2.18	Pinelands South
Monroe Township	8101	41	COLES MILL RD	GALLAGHER, JOSEPH C JR	4.55	Pinelands South
Monroe Township	8101	42	859 COLES MILL RD	GALLAGHER, JOSEPH C JR & CAROLE	10.25	Pinelands South
Monroe Township	8101	43	COLES MILL RD	GALLAGHER, JOSEPH & CAROLE M		Pinelands South
Monroe Township	8101	44	901 COLES MILL RD	MARPLE, JARROD & MOLLY B		Pinelands South
Monroe Township	8101	45	COLES MILL RD	GALLAGHER, JOSEPH C & CAROLE M	_	Pinelands South
Monroe Township	8101	46	COLES MILL RD	GALLAGHER, JOSEPH C & CAROLE M		Pinelands South
Monroe Township	8101	48.01	COLES MILL RD	GALLAGHER, JOSEPH JR		Pinelands South
Monroe Township	8101	48.02	COLES MILL RD	GALLAGHER, JOSEPH C JR		Pinelands South
Monroe Township	8101	49	COLES MILL RD	GALLAGHER, JOSEPH C & CAROLE		Pinelands South
Monroe Township	8101	52	COLES MILL RD	GALLAGHER, JOSEPH JR		Pinelands South
Monroe Township	8101	58	WHITEHALL RD	GALLAGHER, JOSEPH C		Pinelands South
Monroe Township	8101	61	WHITEHALL RD	THOMPSON INVESTMENT GROUP		Pinelands South
Monroe Township	8101	62	WHITEHALL RD	THOMPSON INVESTMENT GROUP		Pinelands South
Monroe Township	8101	67	WHITEHALL RD	GALLAGHER, JOSEPH C		Pinelands South
	8101	68	WHITEHALL RD	GALLAGHER, JOSEPH C		Pinelands South
Monroe Township				· · · · · · · · · · · · · · · · · · ·		
Monroe Township	8101	74	WHITEHALL RD	GALLAGHER, JOSEPH C	3.67	Pinelands South

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Monroe Township	8101	75	WHITEHALL RD	GALLAGHER, JOSEPH C	3.71	Pinelands South
Monroe Township	8101	76	WHITEHALL RD	GALLAGHER, JOSEPH C	3.70	Pinelands South
Monroe Township	8201	1	3162 JACKSON RD	HOGBIN, JOHN A	23.69	
Monroe Township	8201	2	JACKSON RD	HOGBIN, JOHN A	10.76	
Monroe Township	8201	3	JACKSON RD	HOGBIN, JOHN A	4.90	
Monroe Township	8301	6	379 COLES MILL ROAD	CRANE LAND ENTERPRISES LLC	10.81	
Monroe Township	8301	6.02	FRANKLINVILLE-COLES MILL	CRANE LAND ENTERPRISES LLC	3.33	
Monroe Township	8301	8	117 COLES MILL RD	CRANE LAND ENTP LLC LMTD LIAB CO	100.59	
Monroe Township	8401	8	BLACK HORSE PK	BRUNSCOR REALTY INC	18.98	
Monroe Township	8401	9	BLACK HORSE PK	BRUNSCOR REALTY INC	50.79	
Monroe Township	8401	10	BLACK HORSE PK	BRUNSCOR REALTY INC	88.89	
Monroe Township	8601	1	2221 BLACK HORSE PK S	KRASOWSKI, PETER J & MARGARET	6.54	
Monroe Township	8601	3	2237 BLACK HORSE PK S	KRASOWSKI, PETER & MARGARET	17.39	
Monroe Township	9301	10	BLUEBELL RD	SIL-KEMP CONCRETE INC	31.48	
Monroe Township	9301	11	COLES MILL RD	SAHARA SAND INC	10.77	
Monroe Township	9301	12	COLES MILL RD	SAHARA SAND INC	1.90	
Monroe Township	9301	18	1497 COLES MILL RD	STADTLER, GAIL	9.31	
Monroe Township	9403	17	BLUEBELL RD	MARQUEZ, SAMUEL & SUSAN	0.40	
Monroe Township	9403	24	100 MARQUEZ LANE	MARQUEZ, SAMUEL & SUSAN	11.50	
Monroe Township	9403	25	BLUEBELL RD	MARQUEZ, SAMUEL & SUSAN	3.88	
Monroe Township	9403	28	BLUEBELL RD	MARQUEZ, SAMUEL & SUSAN	1.45	
Monroe Township	9611	12	SOUTH SHORE DR	WITTJE, LOUIS M JR & KASHNER,LENORA	0.45	
Monroe Township	9611	13	SOUTH SHORE DR	WITTJE, LOUIS M JR & KASHNER, LENORA	0.45	
Monroe Township	9611	15	SOUTH SHORE DRIVE	WITTJE, LOUIS M JR & KASHNER,LENORA	0.45	
Monroe Township	9801	7.01	SUNSET AVENUE	HERNANDEZ, MARK W & DONNA	9.88	
Monroe Township	9801	7.02	SUNSET AVENUE	HERNANDEZ, MARK W & DONNA	1.88	
Monroe Township	9801	7.03	SUNSET AVENUE	HERNANDEZ, MARK W & DONNA	1.76	
Monroe Township	9801	7.04	SUNSET AVENUE	HERNANDEZ, MARK W & DONNA	1.68	
Monroe Township	9801	7.05	SUNSET AVENUE	HERNANDEZ, MARK W & DONNA	1.67	
Monroe Township	9801	7.07	MALAGA RD WEST	MONROE LAKES HOA % MARK HERNANDEZ	54.66	
Monroe Township	9801	27	MALAGA RD	WITTJE, LOUIS M JR & KASHNER,LENORA	25.72	
Monroe Township	9801	31	744 W MALAGA RD	HARKIN, PATRICK & REBECCA	21.36	
Monroe Township	9801	32	MALAGA RD	MORRELL, WILLIAM J JR & PAMELA	80.76	
Monroe Township	9901	1	2193 BLACK HORSE PK S	KRASOWSKI, PETER & MARGARET	10.89	
Monroe Township	9901	1.01	BLACK HORSE PK S	KRASOWSKI, PETER J & MARGARET	9.30	
Monroe Township	9901	16	550 MALAGA RD WEST	MORRELL, LOUIS	31.80	
Monroe Township	10301	2	1720 BLUEBELL RD	MOFFA, ELIZABETH & CHRISTOPHER		Pinelands North
Monroe Township	10301	11	BLUEBELL RD	BLUE BELL ROAD LLC	39.86	
Monroe Township	10301	14	BLUEBELL RD	BLUE BELL ROAD LLC	18.27	
Monroe Township	10501	1	1601 BLUEBELL ROAD	WITTJE, LOUIS C/OBETTY CHICKELERO		Pinelands North
Monroe Township	10501	5	1695 BLUEBELL RD	KNECHT, GLORIA A		Pinelands North

	<b>5.</b> .				Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Monroe Township	10501	6	1707 BLUEBELL RD	MOFFA, CHRISTOPHER & ELIZABETH		Pinelands North
Monroe Township	10601	1	JANVIER RD	WOLLMAN, GEORGE	4.50	Pinelands North
Monroe Township	10602	1	410 HANCOCK AVE	LESNIEWSKI, JOSEPH & TERRIANN	14.87	Pinelands North
Monroe Township	10602	2	HANCOCK AVE	SCHWARTZ, DANIEL C & PAULA J	11.62	Pinelands North
Monroe Township	10602	3	HANCOCK AVE	SCHWARTZ, DANIEL C & PAULA J	7.44	Pinelands North
Monroe Township	10602	4	HANCOCK AVE	SCHWARTZ, DANIEL	2.34	Pinelands North
Monroe Township	10602	5	HANCOCK AVE	SCHWARTZ, PAULA JEAN	1.77	Pinelands North
Monroe Township	10701	5	JANVIER ROAD	WOLLMAN, GEORGE	8.90	Pinelands North
Monroe Township	10801	10	CORKERY LANE	SICKLER, MELVIN, VIRGINIA & CHINA,	17.10	Pinelands North
Monroe Township	10801	10.04	CORKERY LANE	SICKLER, MELVIN, VIRGINIA & CHINA,	19.19	Pinelands North
Monroe Township	10801	18.01	AMES RD	MUTH, ROBERT S & LEDA	52.34	Pinelands North
Monroe Township	10801	18.02	1075 SYKESVILLE RD	BROOMELL, BRIAN & PLUMLEY, DONNA A	10.84	Pinelands North
Monroe Township	10801	18.03	1045 SYKESVILLE RD	HANSBURY, DENNIS & HELEN B	10.68	Pinelands North
Monroe Township	10801	18.04	1109 SYKESVILLE RD	MARQUEZ, MARDOQUEO & EMILY ROSS	9.69	Pinelands North
Monroe Township	10801	21	AMES RD	TALL PINES DAY CAMP C/O DOMSKY M	8.93	Pinelands North
Monroe Township	10801	22	AMES RD	TALL PINES DAY CAMP INC C/O DOMSKY	62.96	Pinelands North
Monroe Township	10801	24	AMES RD	LOIBL, FRANK J	34.34	Pinelands North
Monroe Township	10901	1	BLUEBELL RD	SICKLER, MELVIN	4.14	Pinelands North
Monroe Township	10901	4	1093 BLUEBELL RD	T & S PARTNERSHIP LLC	15.55	Pinelands North
Monroe Township	10901	13	AMES RD	LESHAY, SAMUEL P & CAROL V, ETAL	75.79	Pinelands North
Monroe Township	10901	17	BLUEBELL RD	BROWNAWELL, MARIE PATRICIA	35.13	Pinelands North
Monroe Township	10901	25	1020 SYKESVILLE RD	ELBANNA, KHALIL		Pinelands North
Monroe Township	10901	32	AMES RD	SICKLER, MELVIN	8.57	Pinelands North
Monroe Township	10901	41	CORKERY LANE	SICKLER, MELVIN E JR & VIRGINIA	4.75	Pinelands North
Monroe Township	12201	10	CLAYTON RD	BURNHAM & MORRILL CO	10.93	
Monroe Township	12202	12	JANVIER RD	BURNHAM & MORRILL CO	16.44	
Monroe Township	12301	1	632 CLAYTON RD	TAMASKA, WAYNE	8.14	
Monroe Township	12503	12	TUCKAHOE RD	ZAGONE. SALVATORE	2.77	
Monroe Township	12503	13	TUCKAHOE RD	ZAGONE, SALVATORE	1.36	
Monroe Township	12503	14	374 TUCKAHOE RD	ZAGONE, SALVATORE	22.60	
Monroe Township	12601	1	1081 JANVIER RD	VECCHIO, ANTHONY D & DEBORAH A	16.13	
Monroe Township	12601	22	1295 JANVIER RD	WITCZAK, SUSAN M		Pinelands North
Monroe Township	12601	59	1607 JANVIER RD	CARTER, EDWARD A JR	12.01	
Monroe Township	12601	83	368 TUCKAHOE RD S	YERKES, WILLIAM H	4.50	
Monroe Township	12601	84	368 TUCKAHOE RD S	YERKES, WILLIAM H	2.56	
Monroe Township	12601	95	184 TUCKAHOE RD S	PRUS, ANDREW J	7.42	
Monroe Township	12601	97	148 TUCKAHOE RD S	KNOWLES, FRANCIS H & NANCY L		Pinelands North
Monroe Township	12601	98	148 TUCKAHOE RD S	KNOWLES, FRANCIS H & NANCY L		Pinelands North
Monroe Township	12601	99	TUCKAHOE RD	KNOWLES, FRANCIS & NANCY		Pinelands North
Monroe Township	12601	101.01	72 TUCKAHOE RD S	FREEMAN, ROBIN & WILLIAM		Pinelands North
'	12601			T T T T T T T T T T T T T T T T T T T		Pinelands North
Monroe Township	12001	101.02	88 TUCKAHOE RD S	FREEMAN, ROBIN & WILLIAM	3.79	rineianas ivortn

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Monroe Township	12601	101.03	TUCKAHOE RD	SENOR, ELIZABETH H	39.87	Pinelands North
Monroe Township	12601	102	WILLIAMSTOWN-FRANKLIN RD	SENOR, JAMES R	8.69	
Monroe Township	12701	18	CLAYTON RD	HEGGE, BRIAN & SUSAN & MCGROARTY, L	5.74	
Monroe Township	12701	19	1332 WMSTOWN-FRANKLINVILL	JORDAN, WARD D & ETALS	18.98	
Monroe Township	12702	1	49 S TUCKAHOE RD	SENOR, ELIZABETH H	34.08	Pinelands North
Monroe Township	12702	2.06	TUCKAHOE RD	DILLON, MICHAEL	3.41	
Monroe Township	12702	2.07	TUCKAHOE RD	DILLON, MICHAEL	3.14	
Monroe Township	12702	2.08	265 S TUCKAHOE RD	DILLON, MICHAEL D	3.92	
Monroe Township	12801	10	CLAYTON RD	DEEUGENIO, LEWIS J JR & LELILA	26.14	
Monroe Township	13001	17	721 CLAYTON RD	SCARPINATO, MATTHEW	9.52	
Monroe Township	13001	19	699 CLAYTON RD	PONTANO, ELEANOR M	6.75	
Monroe Township	13601	20	GLASSBORO RD	ORMSBY, JOHN & ANNA	9.38	
Monroe Township	13801	19.01	GLASSBORO RD	SMP FARMS, INC.	2.20	
Monroe Township	13801	19.02	GLASSBORO RD	SMP FARMS INC	3.05	
Monroe Township	13901	16	SYKES LANE	HCE REALITY, LLC	13.08	
Monroe Township	13901	17	SYKES LANE	HCE REALITY LLC	1.46	
Monroe Township	13901	18	SYKES LANE	HCE REALTY LLC	20.18	
Monroe Township	13902	21	SYKES LANE	HCE REALTY LLC	29.54	
Monroe Township	14001	6	1239 GLASSBORO RD	MATREALE, KELLEY D & MARK R	5.64	
Monroe Township	14001	6.01	1251 GLASSBORO RD	HENDERSON, DAVID & DEBRA	6.00	
Monroe Township	14001	6.02	GLASSBORO RD	WOLFE, LOUIS N. JR	5.59	
Monroe Township	14001	12	SYKES LANE	SYKES, ESTATE OF J C/O ZIELKE/SYKES	8.17	
Monroe Township	14001	13	SYKES LANE	SYKES, ESTATE OF J C/O ZIELKE/SYKES	20.21	
Monroe Township	14001	14	1277 SYKES LANE	SYKES, ESTATE OF J C/O ZIELKE/SYKES	46.59	
Monroe Township	14001	16	1309 SYKES LANE	JOHNSON, HUDSON B - EST	98.29	
Monroe Township	14201	1	FRIES MILL RD	HOVBROS STIRLING GLEN LLC	63.51	
Monroe Township	14301	49	1230 GLASSBORO RD	BROMLEY, PATRICIA ANN	6.85	
Monroe Township	14701	18	1925 GLASSBORO-CR KEYS RD	WELSH, URBAN W & KATHRYN	10.03	
Monroe Township	14801	10	GLASSBORO CR KEYS RD	TRIUMPH FAMILY LIMITED PARTNERSHIP	12.99	Pitman Downer
Monroe Township	14801	11	GLASSBORO CR KEYS RD	TRIUMPH FAMILY LIMITED PARTNERSHIP	19.98	Pitman Downer
Monroe Township	14801	12	GLASSBORO CROSS KEYS RD	HOVBROS FRIES MILL LLC		Pitman Downer
Monroe Township	14801	13	FRIES MILL RD	EEJ PROPERTIES LLC	45.46	Pitman Downer
Monroe Township	14801	42	1639 PITMAN-DOWNER RD	MUTH, NICHOLAS & ETAL	21.70	Pitman Downer
Monroe Township	14901	8	PITMAN-DOWNER RD	MUTH, NICHOLAS /CO R MUTH & ETALS	2.04	Pitman Downer
Monroe Township	14901	10	1639 PITMAN-DOWNER RD	MUTH,NICHOLAS/CO R MUTH & ETALS	6.90	Pitman Downer
Monroe Township	14901	11	1557 PITMAN-DOWNER RD	LATHROP, CHARLES & LINDA	8.40	Pitman Downer
Monroe Township	14901	44	PITMAN-DOWNER RD	MUTH, NICHOLAS F/ CO R MUTH & ETALS	5.82	Pitman Downer
Monroe Township	14901	45	PITMAN-DOWNER RD	MUTH, NICHOLAS F/CO R MUTH & ETALS	5.89	Pitman Downer
Monroe Township	15001	4	1453 GLASSBORO RD	LAULETTA, LEA	6.09	
Monroe Township	15001	10.01	2057 FRIES MILL RD	KAMINSKI, STEPHEN F & TERESA	8.43	
Monroe Township	15001	10.04	2069 FRIES MILL RD	PAULS, RICHARD B	8.11	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Monroe Township	15202	7	1729 GLASSBORO RD	ANTONUCCI, ANGELO & BETH ANN	15.96
Monroe Township	15202	14	1651 GLASSBORO RD	LAULETTA, FRANK J & DENISE	11.46
Monroe Township	15301	1	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	4.41
Monroe Township	15301	2	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	4.01
Monroe Township	15301	3	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.97
Monroe Township	15301	4	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	4.04
Monroe Township	15301	5	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.94
Monroe Township	15301	6	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.97
Monroe Township	15301	7	GLASSBORO CR KEYS RD	SMITH, STEVEN B	3.36
Monroe Township	15301	8	GLASSBORO CR KEYS RD	SMITH, STEVEN B	3.63
Monroe Township	15301	9	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.50
Monroe Township	15301	10	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.27
Monroe Township	15301	11	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.20
Monroe Township	15301	12	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.32
Monroe Township	15301	13	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.15
Monroe Township	15301	14	GLASSBORO-CR KEYS RD	SMITH, JOSEPH F	3.22
Monroe Township	15301	15	GLASSBORO-CR KEYS RD		2.79
Monroe Township	15301	16	GLASSBORO CR KEYS RD	SMITH, STEVEN B SMITH, STEVEN B	3.00
Monroe Township	15301	6	1650 GLASSBORO RD	HOMEYER, KENNETH ANDREW & ANNE	6.07
	15303	31		·	
Monroe Township			ORCHARD DR	FRED SMITH ORCHARDS INC	4.94 4.98
Monroe Township	15303 15303	32 34	ORCHARD DR	SMITH, FRED ORCHARDS INC	4.98
Monroe Township			ORCHARD DR	SMITH, FRED ORCHARDS INC	
Monroe Township	15303	35	ORCHARD DR	SMITH, FRED ORCHARDS INC	4.98
Monroe Township	15303	36	ORCHARD DR	SMITH, FRED ORCHARDS INC	4.72
Monroe Township	15401	11	ORCHARD DR	PETRONGOLO, FRANCIS & VALERIE	9.35
Monroe Township	15401	12	3153 GLASSBORO-CR KEYS RD	PETRONGOLO, FRANCIS & VALERIE	18.34
Monroe Township	15401	30	1910 GLASSBORO RD	MILLER, WILLIAM JR & JACQUELINE	6.26
Monroe Township	15402	5	3033 GLASSBORO-CR KEYS RD	ORTLIP, DOUGLAS H	4.18
Monroe Township	15402	6	GLASSBORO RD	MUTH, ROBERT & LEDA	3.98
Monroe Township	15402	7	GLASSBORO RD	MUTH, ROBERT & LEDA	3.98
Monroe Township	15402	9	GLASSBORO-CR KEYS RD	SMITH FRED ORCHARDS	7.01
Monroe Township	15402	10	3111 GLASSORO-CRKYS RD	SMITH, JOSEPH	5.74
Monroe Township	15402	11	3111 GLASSORO-CRKYS RD	SMITH, JOSEPH	4.67
Monroe Township	15402	12	GLASSBORO-CR KEYS RD	SMITH FRED ORCHARDS	3.23
Monroe Township	15402	13	GLASSBORO-CR KEYS RD	SMITH FRED ORCHARDS	3.23
Monroe Township	15402	14	GLASSBORO RD	MUTH, ROBERT & LEDA	3.23
Monroe Township	15402	15	GLASSBORO RD	MUTH, ROBERT & LEDA	3.23
Monroe Township	15402	17	3033 GLASSBORO-CR KEYS RD	ORTLIP, DOUGLAS H	2.93
Newfield Borough	400	5	N WEST BLVD	IOVACCHINI, EVELYN	15.47
Newfield Borough	402	1	MADISON AVE & FAWN DR	EURO-AMERICAN FARMS,INC % S KLEIN	32.66 Pinelands South
Newfield Borough	402	3	RT#40 & ROSEMONT AVE	EURO-AMERICAN FARMS,INC % S KLEIN	8.10 Pinelands South

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Newfield Borough	700	5	307 MADISON AVE	ENNIS, ROGER E & KARIN M	17.42	
Newfield Borough	700	15.01	314 CATAWBA AVE	GILMORE, MELISSA LESHAY & JONATHAN	8.82	
Newfield Borough	700	16	322 CATAWBA AVE	LESHAY, SAMUEL & CAROLE	8.89	
Newfield Borough	700	17	328 CATAWBA AVE	LESHAY, SAMUEL P & CAROLE V	9.87	
Newfield Borough	700	24	504 CATAWBA AVE	ARCANGELI, FRED	18.68	Pinelands South
Newfield Borough	700	25	HUNTER DR (REAR)	PUSTIZZI, JOHN &ETALS C/O C.PUSTIZZI	20.24	Pinelands South
Newfield Borough	700	28	STOTESBURY AVE (REAR)	SORTINO, J C/O JOSEPHINE PRICE	16.32	Pinelands South
Newfield Borough	1000	1.03	MADISON AVE	LESHAY, JOSEPH M & MARY E	7.32	
Newfield Borough	1000	3	323/329 CATAWBA AVE	DAVIS, ANGELINA C/O A MANZONI	28.20	
Newfield Borough	1000	4	335 CATAWBA AVE	LESHAY, JOSEPH M & MARY E	8.26	
Newfield Borough	1001.02	7.01	CATAWBA AVE	GAUNT, KENNETH R & TINA HINTZ-	9.97	
Paulsboro Borough	1	3	MANTUA AVE	GALLENTHIN, GEORGE A, III	62.98	
Pitman Borough	176.09	22	CAREW AVE	ZEE, PATRICIA	1.81	
Pitman Borough	193	19	461 LAMBS RD	SLACK, PETER N	31.73	
Pitman Borough	219	3	CAREW AVENUE	ZEE, DOUGLAS & PATRICIA YOUNG T/C	14.94	
Pitman Borough	219	5	CAREW AVE	YOUNG, PATRICIA	0.42	
Pitman Borough	219	6	CAREW AVE	YOUNG, PATRICIA	5.44	
South Harrison Township	1	7	FRANKLINVILLE RD	ABBONIZIO, CARL A	4.93	Raccoon Creek
South Harrison Township	1	8.01	470 FRANKLINVILLE RD	MACCHERONE, JOSEPH JR	2.49	Raccoon Creek
South Harrison Township	1	8.02	FRANKLINVILLE RD	MACCHERONE, JOSEPH JR	1.52	Raccoon Creek
South Harrison Township	1	8.03	FRANKLINVILLE RD	MACCHERONE, JOSEPH JR	1.51	Raccoon Creek
South Harrison Township	1	9	460 FRANKLINVILLE RD	PICCIANO, ANTHONY J	5.55	Raccoon Creek
South Harrison Township	2	3	FRANKLINVILLE RD	THE BENNY A SORBELLO FAMILY, LLC		Raccoon Creek
South Harrison Township	2	7	568 FRANKLINVILLE RD	WOITAS, GUNTHER K & TAMARA M K&ET AL	2.87	Raccoon Creek
South Harrison Township	2	8	SH-45	OCHIPINTI, ELIZABETH R	3.08	Raccoon Creek
South Harrison Township	2	11	568 FRANKLINVILLE RD	WOITAS, GUNTHER K & TAMARA M K&ET AL	5.74	Raccoon Creek
South Harrison Township	2	14	568 FRANKLINVILLE RD	WOITAS, GUNTHER K & TAMARA M K&ET AL	4.67	Raccoon Creek
South Harrison Township	3	1	SH-45	ABCON HOLDINGS LLC	25.04	Raccoon Creek
South Harrison Township	3	2.09	SH-45	LAURIA, DANIEL A & NINA	9.32	Raccoon Creek
South Harrison Township	3	2.10	SH-45	LAURIA, DANIEL A & NINA	1.38	Raccoon Creek
South Harrison Township	3	6	1647 COMMISSIONERS RD	PETERSON, THOMAS		Raccoon Creek
South Harrison Township	3	15	714 FRANKLINVILLE RD	CORYELL, DONNA	9.75	Raccoon Creek
South Harrison Township	3	29	1818 SH-45	MAYERS, EDWARD SR & MARIANNE		Raccoon Creek
South Harrison Township	4	14	507 FISLERVILLE RD	MAY, LEONARD M & DIANE E		Raccoon Creek
South Harrison Township	4	25	471 FISLERVILLE RD	SEEDS, JOSEPH D & PAULINE		Raccoon Creek
South Harrison Township	5	2	465 FRANKLINVILLE RD	WILLIAMSON, PHILLIP & VIRGINIA L	_	Raccoon Creek
South Harrison Township	5	3	233 FRANKLINVILLE RD	MACCHERONE, SANTO J		Raccoon Creek
South Harrison Township	5	8.01	753 TOMLIN STATION ROAD	LOPES, FRANCIS J.		Raccoon Creek
South Harrison Township	5	8.02	TOMLIN STATION ROAD	LOPES, JOSEPH S. & RITA M.		Raccoon Creek
South Harrison Township	5	9	SH-45	PEPLOWSKI, WALTER		Raccoon Creek
South Harrison Township	5	11	436 MONROEVILLE ROAD	THE FRANK RIZZI INCOME ONLY TRUST	130.05	Raccoon Creek

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
South Harrison Township	5	14	406 MONROEVILLE RD	SAILEY, V.K., M.D., C.M.	69.16	Raccoon Creek
South Harrison Township	5	15	FRANKLINVILLE ROAD	PETRONGOLO, GREGORY	23.92	Raccoon Creek
South Harrison Township	5	27	FRANKLINVILLE ROAD	MACCHERONE, SANTO JOSEPH	5.50	Raccoon Creek
South Harrison Township	6	1	FRANKLINVILLE ROAD	SORBELLO, JOSEPH & SHIRLEY P	66.33	Raccoon Creek
South Harrison Township	6	1.01	638 TOMLIN STATION ROAD	MCBRIDE, JOHN T JR & JACQUELINE A	7.52	Raccoon Creek
South Harrison Township	6	1.03	638 TOMLIN STATION ROAD	MCBRIDE, JOHN T JR & JACQUELINE A	1.51	Raccoon Creek
South Harrison Township	6	4.01	SH-45	MARANO, LORRAINE	2.30	Raccoon Creek
South Harrison Township	6	5	1685 SH-45	TYSON, CHARLES T	7.36	Raccoon Creek
South Harrison Township	6	6	SH-45	FOLEY, JAMES T	17.43	Raccoon Creek
South Harrison Township	6	8.01	1631 SH-45	SORBELLO, FRED A	1.38	Raccoon Creek
South Harrison Township	6	8.02	1631 SH-45	SORBELLO, FRED A	1.39	Raccoon Creek
South Harrison Township	6	8.03	1631 SH-45	SORBELLO, FRED A	1.40	Raccoon Creek
South Harrison Township	6	39	1657 SH-45	NUTT, DARREN S & LISA C	6.23	Raccoon Creek
South Harrison Township	6	42	642 TOMLIN STATION ROAD	YANKOWSKI, JOSEPH A		Raccoon Creek
South Harrison Township	7	1	609 FRANKLINVILLE RD	SHOEMAKER, LESTER D		Raccoon Creek
South Harrison Township	7	1.01	452 LINCOLN MILL RD	SHOEMAKER, DAVID F		Raccoon Creek
South Harrison Township	7	3	130 CEDAR GROVE RD	SPADEA. MICHAEL M & CHRISTINA M		Raccoon Creek
South Harrison Township	7	8	641 FRANKLINVILLE RD	CABANA, WILLIAM J		Raccoon Creek
South Harrison Township	7	8.01	641 FRANKLINVILLE RD	CABANA. WILLIAM J		Raccoon Creek
South Harrison Township	7	8.02	FRANKLINVILLE ROAD	CABANA. WILLIAM J		Raccoon Creek
South Harrison Township	7	15	162 CEDAR GROVE RD	LAMBDEN, JOHN JR & MARYANN		Raccoon Creek
South Harrison Township	8	6	422 RICHWOOD ROAD	MARTINS, MARIA N		Raccoon Creek
South Harrison Township	8	7	RICHWOOD ROAD	BILL. FRANK		Raccoon Creek
South Harrison Township	8	11.03	916 FRANKLINVILLE RD	YANDACH, MARK D & DIANE M		Raccoon Creek
South Harrison Township	8	11.04	912 FRANKLINVILLE RD	GAINES, ROBERT A JR & CINDY		Raccoon Creek
South Harrison Township	8	19.01	476 FISLERVILLE RD	HUGHES, TIMOTHY & LUANNE		Raccoon Creek
South Harrison Township	9	4	574 HARRISONVILLE ROAD	MARINO, SEBASTIAN J & JACQUELINE M		Raccoon Creek
South Harrison Township	9	5	SH-45	PEPLOWSKI, WALTER J		Raccoon Creek
South Harrison Township	9	6	SH-45	MARINO, SEBASTIAN J & JACQUELINE M		Raccoon Creek
South Harrison Township	9	7	1543 SH-45	NIELSEN, GRACE E	_	Raccoon Creek
South Harrison Township	9	8	550 HARRISONVILLE ROAD	MARINO, HARRY J JR		Raccoon Creek
South Harrison Township	11	11	1080 MULLICA HILL ROAD	MCCALL, JAMES		Raccoon Creek
South Harrison Township	11	11.01	1090 MULLICA HILL ROAD	MCCALL, JAMES		Raccoon Creek
South Harrison Township	11	30	1060 MULLICA HILL RD	ZIRBSER. EDWARD J JR		Raccoon Creek
South Harrison Township	12	13	437 LINCOLN MILL RD	TRESCH, RAY H		Raccoon Creek
South Harrison Township	12	23	437 LINCOLN MILL RD	TRESCH, RAY H		Raccoon Creek
South Harrison Township	13	5	385 LINCOLN MILL RD	SUNNYBROOK NURSERY, INC		Raccoon Creek
	13			,		
South Harrison Township	13	5.02	LINCOLN MILL RD	SUNNYBROOK NURSERY INC		Raccoon Creek
South Harrison Township			824 MONROEVILLE RD	BECKER, ROBERT P SR		Raccoon Creek
South Harrison Township	14	2	206 FERRELL RD	DESIMONE, THOMAS A		Raccoon Creek
South Harrison Township	14	6	COMMISSIONERS RD	CONTARINO, SALVATORE L	11.89	Raccoon Creek

Municipality	Block	1 04	Droposty Addrops	Oumaria Nama	Acres (GIS)	Droinet Area
Municipality	Block	Lot	Property Address	Owner's Name		Project Area
South Harrison Township	14	6.01	1545 COMMISSIONERS RD	SICILIA, ANTONIO & SERENELLA		Raccoon Creek
South Harrison Township	14	10	147 CEDAR GROVE RD	WOZNIAK, EDWARD G & LILLIAN G		Raccoon Creek
South Harrison Township	14	11	CEDAR GROVE RD	P & M ASSOCIATES LTD		Raccoon Creek
South Harrison Township	14	12	374 LINCOLN MILL RD	CALABRO, JOSEPH & MARIA A		Raccoon Creek
South Harrison Township	14	16	824 MONROEVILLE RD	BECKER, ROBERT P SR		Raccoon Creek
South Harrison Township	14	20	181 CEDAR GROVE RD	SIMMERMAN, H MARTIN & PAMELA G		Raccoon Creek
South Harrison Township	14	24	163 CEDAR GROVE RD	WARREN, EDWARD O SR		Raccoon Creek
South Harrison Township	14	29	FERRELL RD	FARRO, JAMES & ANDREA	11.43	Raccoon Creek
South Harrison Township	14	30.01	364 LINCOLN MILL RD	FERGUSON, JAMES J JR & JUDY W	26.72	Raccoon Creek
South Harrison Township	14	30.03	LINCOLN MILL RD	MITRIONE, MICHAEL & DIANE	1.52	Raccoon Creek
South Harrison Township	14	30.04	LINCOLN MILL RD	MITRIONE, MICHAEL & DIANE	3.13	Raccoon Creek
South Harrison Township	14	30.05	LINCOLN MILL RD	MITRIONE, MICHAEL & DIANE	7.04	Raccoon Creek
South Harrison Township	14	31	125 CEDAR GROVE RD	CATTAIL, LLC	30.77	Raccoon Creek
South Harrison Township	14	32	380 LINCOLN MILL RD	PIETRZAK, EDWARD J	10.18	Raccoon Creek
South Harrison Township	14	33	210 FERRELL RD	FARRO, JAMES & ANDREA	12.45	Raccoon Creek
South Harrison Township	15	3	342 FERRELL RD	COUGHLIN, HAROLD B & JOAN E	17.96	Raccoon Creek
South Harrison Township	15	4	FERRELL RD	DIOCESE OF CAMDEN	21.53	Raccoon Creek
South Harrison Township	15	9.02	1544 COMMISSIONERS RD	CONTARINO, SALVATORE L	7.72	Raccoon Creek
South Harrison Township	15	10	1580 COMMISSIONERS RD	PARKER, GLENN & LISA G	7.05	Raccoon Creek
South Harrison Township	15	12	FRANKLINVILLE RD	C.L.F. @ ROBERT POSERINA	143.09	Raccoon Creek
South Harrison Township	15	17	422 FERRELL RD	HANDY, WESLEY & THERESA A		Raccoon Creek
South Harrison Township	15	19	402 FERRELL RD	HEGARTY, DOROTHEA		Raccoon Creek
South Harrison Township	15	20	390 FERRELL RD	PLATT, JEAN H & NORMAN T		Raccoon Creek
South Harrison Township	15	26	372 FERRELL RD	EDER, E @ RICHARD MARTIN	9.20	Raccoon Creek
South Harrison Township	15	46	1580 COMMISSIONERS RD	PARKER, GLENN & LISA G		Raccoon Creek
South Harrison Township	15	46.02	1580 COMMISSIONERS RD	PARKER, GLENN & LISA G		Raccoon Creek
South Harrison Township	15	74.01	1526 COMMISSIONERS RD	TAMASKA, JUDITH D & WAYNE G		Raccoon Creek
South Harrison Township	15	91	FRANKLINVILLE RD	C.L.F. @ ROBERT POSERINA		Raccoon Creek
South Harrison Township	15	92	FERRELL RD	COUGHLIN, HAROLD B		Raccoon Creek
South Harrison Township	15	93	FERRELL RD	COUGHLIN, HAROLD B		Raccoon Creek
South Harrison Township	15	120	RT 581	LAPALOMENTO, JOHN R		Raccoon Creek
South Harrison Township	17	5	OLDMANS CREEK RD	BLACK'S DAIRY FARM		Raccoon Creek
South Harrison Township	17	7	VESTRY RD	SICKLER, JENNIFER & JOSEPH		Raccoon Creek
South Harrison Township	17	8	32 VESTRY ROAD	MARINO, RUSSELL J & JUDITH G		Raccoon Creek
South Harrison Township	17	10	VESTRY RD	BLACK'S DAIRY FARM		Raccoon Creek
South Harrison Township	17	17	32 VESTRY ROAD	MARINO, RUSSELL J & JUDITH G		Raccoon Creek
South Harrison Township	18	1	VESTRY RD	MARINO, RUSSELL J & JUDITH G		Raccoon Creek
South Harrison Township	18	1.02	VESTRY RD	MARINO, RUSSELL J & JUDITH G		Raccoon Creek
South Harrison Township	18	2	79 VESTRY RD	AMERICAN TOWER ASSET SUB, LLC		Raccoon Creek
South Harrison Township	18	3.01	107 VESTRY RD	SOLOMON, LEONARD H		Raccoon Creek
	18	3.04	MARL ROAD			
South Harrison Township	10	J3.U4	IVIAKL KUAD	SOLOMON, JOSEPH & ANNA MARIE	0.13	Raccoon Creek

Municipality	Block	l at	Droposty Addrops	Owner's Name	Acres (GIS)	Drainet Area
Municipality	Block	Lot	Property Address		` '	Project Area
South Harrison Township	18	3.05	107 VESTRY RD	SOLOMON, LEONARD H		Raccoon Creek
South Harrison Township	19	3	1401 SH-45	BROWN, DANIEL J & HEATHER L S		Raccoon Creek
South Harrison Township	20	2	642 HARRISONVILLE ROAD	TOMARCHIO, ANGELINA-EST & SEBASTIANO		Raccoon Creek
South Harrison Township	20	3	1564 SH-45	WADE, DAVID J & SHARON		Raccoon Creek
South Harrison Township	20	3.03	SH-45	HIGH STREAM FARMS LLC		Raccoon Creek
South Harrison Township	20	4	948 MULLICA HILL ROAD	HORNER, W KIRK		Raccoon Creek
South Harrison Township	20	5	918 MULLICA HILL RD	HORNER, W. KIRK		Raccoon Creek
South Harrison Township	20	7	RT 668	STRING, ALVIN W JR	20.04	Raccoon Creek
South Harrison Township	20	8	642 HARRISONVILLE ROAD	TOMARCHIO, ANGELO		Raccoon Creek
South Harrison Township	22	2	102 FERRELL ROAD	MALIGNAGGI, CARMEN A	7.51	Raccoon Creek
South Harrison Township	23	2	1331 COMMISSIONERS RD	SCHROEDER, JOHN C & MICHELE M	11.76	Raccoon Creek
South Harrison Township	23	4	207 FERRELL ROAD	MALIGNAGGI, CARMEN A	7.89	Raccoon Creek
South Harrison Township	23	9	1331 COMMISSIONERS RD	SCHROEDER, JOHN C & MICHELE M	0.96	Raccoon Creek
South Harrison Township	24	2	926 LINCOLN RD	GREEN, BETTY JESS & HARRY J	22.33	Raccoon Creek
South Harrison Township	24	3	1022 MONROEVILLE RD	STEAGER, BRIAN	12.96	Raccoon Creek
South Harrison Township	24	5	1306 COMMISSIONERS RD	SEEMAN, WILLIAM E SR	15.38	Raccoon Creek
South Harrison Township	24	22	FERRELL RD	PRATT, FRANCIS	5.92	Raccoon Creek
South Harrison Township	24	27	HARSNVL FEREL	DOUGHTY, ALBERT C	2.53	Raccoon Creek
South Harrison Township	24	29	FERRELL RD	CAMP, LETITIA D, SUZANNE & JOHN	21.00	Raccoon Creek
South Harrison Township	24	30	RT 77	MOOD, J RICHARD	3.22	Raccoon Creek
South Harrison Township	24	31	986 LINCOLN RD	FRANKLIN, MERRILL R JR	6.48	Raccoon Creek
South Harrison Township	24	43.01	337 FERRELL ROAD	DANIELS,BRUCE B &JANE F-LIFE ESTATE	8.14	Raccoon Creek
South Harrison Township	24	72	1016 MONROEVILLE RD	PECK, THEODORE J	10.24	Raccoon Creek
South Harrison Township	24	73	RT 694	STEAGER, BRIAN E	10.35	Raccoon Creek
South Harrison Township	26	4	244 PORCHES MILL RD	GIORDANO, PAUL J & DEBORAH L		Raccoon Creek
South Harrison Township	26	5	216 PORCHES MILL RD	SORBELLO, MARIE	15.35	
South Harrison Township	27	2	SH-45	MARINO BROTHERS	0.14	Raccoon Creek
South Harrison Township	28	2	750 ELDRIDGES HILL ROAD	STRING, ALVIN W JR		Raccoon Creek
South Harrison Township	28	9	SH-45	DIOCESE OF CAMDEN		Raccoon Creek
South Harrison Township	28	11	RT 668	TOMARCHIO, SEBASTIANO J&JOSEPHINE A	42.94	Raccoon Creek
South Harrison Township	28	26	772 ELDRIDGES HILL ROAD	HACKETT, RAYMOND W JR	1.75	Raccoon Creek
South Harrison Township	28	31	RT 668	TOMARCHIO, SEBASTIANO & JOSEPHINE A	_	Raccoon Creek
South Harrison Township	29	3	RT 617	PETRONGOLO EVERGREEN PLANTATION		Raccoon Creek
South Harrison Township	29	4	747 ELDRIDGES HILL RD	STRING, ALVIN W JR		Raccoon Creek
South Harrison Township	29	5	773 ELDRIDGES HILL RD	EISENHART, ERICH E & TRACI A		Raccoon Creek
South Harrison Township	31	3	37 LINCOLN MILL RD	HUGGINS, WILLIAM W		Raccoon Creek
South Harrison Township	31	4	67 LINCOLN MILL RD	SPARKS, RICHARD D JR & THERESA A		Raccoon Creek
South Harrison Township	31	4.01	71 LINCOLN MILL RD	SPARKS, JOHN & CAROL A		Raccoon Creek
South Harrison Township	31	7	39 FERRELL RD	CLIFFORD, MICHAEL W & ELIZABETH A		Raccoon Creek
South Harrison Township	31	7.04	39 FERRELL RD	CLIFFORD, MICHAEL W & ELIZABETH A		Raccoon Creek
South Harrison Township	31	8	1 FERRELL RD	STRING, ALVIN JR		Raccoon Creek
Ocam Hamson Township	01	U	I I LININLLL IND	OTTAINO, ALVINOIT	19.90	Naccoult Older

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Municipality	Block	Lot	Property Address	Owner's Name	, ,	Project Area
South Harrison Township	31	24	LINCOLN MILL RD	MERIGHI, MILFORD A		Raccoon Creek
South Harrison Township	32	1	LINCOLN MILL RD	MALIGNAGGI, CARMEN A		Raccoon Creek
South Harrison Township	32	3	LINCOLN MILL RD	SPARKS, RICHARD D JR & JOHN S		Raccoon Creek
South Harrison Township	32	3.01	LINCOLN MILL RD	MALIGNAGGI, CARMEN A		Raccoon Creek
South Harrison Township	32	3.02	82 LINCOLN MILL RD	MERIGHI, MILFORD A		Raccoon Creek
South Harrison Township	32	4	LINCOLN MILL RD	HUGGINS, WILLIAM W		Raccoon Creek
South Harrison Township	32	18	923 MONROEVILLE RD	CRISPIN, GEORGE A		Raccoon Creek
South Harrison Township	32	23	48 LINCOLN MILL RD	GREGG, ANNE C	22.37	Raccoon Creek
South Harrison Township	32	24	LINCOLN MILL RD	MERIGHI, MILFORD A	9.47	Raccoon Creek
South Harrison Township	32	37	1211 COMMISSIONERS RD	RIFFITTS, JOSEPH J		Raccoon Creek
South Harrison Township	33	1	1204 COMMISSIONERS RD	BUCKLEY, JAMES T & BEATRICE C		Raccoon Creek
South Harrison Township	35	1	COMMISSIONERS RD	BANCROFT NEUROHEALTH		Raccoon Creek
South Harrison Township	35	3	MONROEVILLE ROAD	BANCRAFT NEUROHEALTH		Raccoon Creek
South Harrison Township	36	5	LINCOLN RD	FISCHER, WILLIAM	16.76	Raccoon Creek
South Harrison Township	36	6	LINCOLN RD	DIRSKA, FRANK & LISA M	23.45	Raccoon Creek
South Harrison Township	36	8	LINCOLN RD	OLDMANS CREEK LLC	29.58	Raccoon Creek
South Harrison Township	36	9	997 LINCOLN ROAD	I, MARY	12.53	Raccoon Creek
South Harrison Township	36	10	LINCOLN RD	MULLIGAN, PATRICK	11.73	Raccoon Creek
South Harrison Township	36	11	LINCOLN RD	MULLIGAN, PATRICK	12.40	Raccoon Creek
South Harrison Township	36	12	LINCOLN RD	OLDMANS CREEK LLC	9.83	Raccoon Creek
South Harrison Township	36	15	RT 666	OLDMANS CREEK LLC	8.52	Raccoon Creek
South Harrison Township	36	17	LINCOLN RD	OLDMANS CREEK LLC	1.30	Raccoon Creek
South Harrison Township	36	18	RT 666	OLDMANS CREEK LLC	31.40	Raccoon Creek
Swedesboro Borough	52	1	WOODSTOWN RD	VALLEY VIEW LAND CO INC	15.21	
Swedesboro Borough	52	13	WOODSTOWN RD	VALLEY VIEW LAND CO INC	13.34	
Washington Township	5	1	448 WOODBURY-TRNRSVL ROAD	WASHINGTON DEVELOPMENT CO	6.64	
Washington Township	7	1.02	236 MT PLEASANT ROAD	PLUMLEY, JOSEPH R & KENSLER, MARY E	3.35	
Washington Township	7	1.04	236 MT PLEASANT ROAD	PLUMLEY, JOSEPH R & KENSLER, MARY E	4.32	
Washington Township	7	3.02	132 EGG HARBOR ROAD	DISALVATORE, ANTOINETTE - EST	2.65	
Washington Township	7	4	132 EGG HARBOR ROAD	DISALVATORE, ANTOINETTE - EST	5.30	
Washington Township	12	2	29 FARRIER AVENUE	WHITE, THOMAS H & BEVERLY A	1.30	
Washington Township	12	3	57 FARRIER AVENUE	WHITE, THOMAS & BEVERLY	6.74	
Washington Township	12	3.01	29 FARRIER AVENUE	WHITE, THOMAS H & BEVERLY A	5.80	
Washington Township	12	3.02	57 FARRIER AVENUE	WHITE, THOMAS & BEVERLY	0.13	
Washington Township	12	10	29 FARRIER AVENUE	WHITE, THOMAS H & BEVERLY A	0.52	
Washington Township	15	12	135 COUNTY HOUSE ROAD	OAK VIEW NURSERY	5.56	
Washington Township	15	12.09	111 COUNTY HOUSE ROAD	DENJEN LLC	5.41	
Washington Township	16	1.01	110 COUNTY HOUSE ROAD	OAK VIEW NURSERY	15.84	
Washington Township	16	4	257 DELSEA DRIVE	PLATT, DAVID H	1.39	
Washington Township	16	4.08	110 COUNTY HOUSE ROAD	OAK VIEW NURSERY	11.59	
Washington Township	16	4.09	229 DELSEA DRIVE	WASHINGTON DEVELOPMENT CO	6.45	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Washington Township	16	4.14	229 DELSEA DRIVE	WASHINGTON DEVELOPMENT CO	0.39
Washington Township	16	6	257 DELSEA DRIVE	PLATT, DAVID H	16.39
Washington Township	16	7	310 SALINA ROAD	PLATT, DAVID H	18.38
Washington Township	16	8	338 SALINA ROAD	GUY, BYRON JACK EST OF%GLORIA FAUST	45.93
Washington Township	17.11	56	122 SALINA ROAD	MICHAEL, JIM & JUNE	6.96
Washington Township	18.06	4	226 EGG HARBOR ROAD	SAIA, A JOSEPH & LORETTA E	9.76
Washington Township	20.01	2	421 SALINA ROAD	ZIMMERMAN, CHARLES JR & A B DENNIS	53.35
Washington Township	26	1	238 SALINA ROAD	DEL BORRELLO, PETER M & ELIZABETH	17.43
Washington Township	51.01	1	605 DELSEA DRIVE	PARKE PLACE COMMUNITY LLC	8.33
Washington Township	51.09	1	12 PARK PLACE BLVD	PARKE PLACE VILLAGE LTD, LLC	5.53
Washington Township	52	1.01	612 DELSEA DRIVE	TEE RENTAL, LLC	1.94
Washington Township	52	1.17	114 DENSTEN ROAD	TEE RENTAL, LLC	3.85
Washington Township	82.13	22.01	128 CHAPEL HEIGHTS ROAD	CUCCINELLO, AUDREY M	10.11
Washington Township	82.21	29.04	244 CHAPEL HEIGHTS ROAD	KANDLE LAND ASSOCIATES LLC	0.80 Chapel Heights
Washington Township	82.21	29.05	246 CHAPEL HEIGHTS ROAD	KANDLE LAND ASSOCIATES LLC	0.66 Chapel Heights
Washington Township	82.109	26	237 THIES ROAD	CIMASZEWSKI, ALECIA	5.56
Washington Township	82.109	26.01	123 THIES ROAD	THIES, FRANCES E	6.91
Washington Township	84.08	1	GLASSBORO-CROSSKEYS ROAD	MIMOSA DEVELOPMENT	6.43
Washington Township	86	1	316 FRIES MILL ROAD	SHAHROKH, R & M TASCHAYYODI, M&S	34.82
Washington Township	86.15	9	2200 GLASSBORO-CROSSKEYS	SMITH, ROBERT H.	14.96
Washington Township	109.23	4.01	355 JOHNSON ROAD	SCOTT, JOHN P & LORRAINE	14.83
Washington Township	109.23	5	125 STAGE COACH ROAD	WAGNER, CHARLOTTE SCOTT & GEORGE W	28.18
Washington Township	109.23	5.03	131 STAGE COACH ROAD	WAGNER, GEORGE W & CHARLOTTE G	5.11
Washington Township	112.01	7	130 STAGE COACH ROAD	SCOTT, JOHN P & LORRAINE	6.62
Washington Township	112.01	7.05	120 STAGE COACH ROAD	SCOTT, JOHN P & LORRAINE	9.41
Washington Township	113	15.01	4500 ROUTE 42	WAGNER, CHARLOTTE SCOTT & ETALS	23.93
Washington Township	115	3.01	255 HURFFVILLE-CROSSKEYS	MELCHERT, RICHARD H	33.57
Washington Township	115	6	208 FRIES MILL ROAD	FRIES MILL ASSOC PRTNRS%C&D BREWING	26.10
Washington Township	115	7	301 WATSON DRIVE	TURKEY TROT LLC ETALS%JOHN WATSON	42.26
Washington Township	115	24	500 TUCKAHOE ROAD	ACP SOFINT ASSOC @ AMER CONT. PROP	137.91
Washington Township	115.03	24	BERLIN-CROSSKEYS RD	ACP SOFINT ASSOC @ AMER CONT. PROP	9.12
Washington Township	116.41	1	243 BELLS LAKE ROAD	GOOSELANE PROPERTIES, LLC	13.61
Washington Township	117	1.01	122 BELLS LAKE ROAD	HEIN, WALTER E & FLORENCE A	1.00
Washington Township	117	2	122 BELLS LAKE ROAD	HEIN, WALTER E & FLORENCE A	31.55
Washington Township	129	2	140 JOHNSON ROAD	GIANNONE, SALVATORE	5.69
Washington Township	194.12	7.05	279 GREENTREE ROAD	ROBERTS, BARRY & DIANE	8.81
Washington Township	194.12	7.07	267 GREENTREE ROAD	ROBERTS, BARRY & DIANE	2.94
Washington Township	195	26	53 HURFF LANE	GIANNONE, SALVATORE & ROSE	8.76
Washington Township	198	11	455 HURFFVILLE-GRNLCH RD	CHEW, DAVID E & KIM A	9.72 Washington North
Washington Township	198	12.06	449 HURFFVILLE-GRNLCH RD	TAYLOR, KEITH & SUSAN	5.99 Washington North
Washington Township	199	16	328 HURFFVILLE-GRNLCH RD	FRANCHI, PHILIP JR	19.51

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Washington Township	199	17	268A EGG HARBOR ROAD	FRANCHI, PHILLIP JR & FRANCHI,DIANA	19.49	
Washington Township	199	18	340 HURFFVILLE-GRNLCH RD	FRANCHI, DIANA	8.49	
Washington Township	199	19	344 HURFFVILLE-GRNLCH RD	FRANCHI, DIANA	3.06	
Washington Township	199	19.01	340 HURFFVILLE-GRNLCH RD	FRANCHI, DIANA	9.14	
Washington Township	199	20	348 HURFFVILLE-GRNLCH RD	FRANCHI, MARK	14.97	
Washington Township	199	21	402 HURFFVILLE-GRNLCH RD	FRANCHI, DIANA	17.40	
Washington Township	247	16	140 JOHNSON ROAD	GIANNONE, SALVATORE	5.06	
West Deptford Township	326	5	TILDEN ROAD	HAMEL, ANN B.D. & JAMES J.		Repaupo-Mantua Creek
West Deptford Township	328	1.01	10 LEONARD LANE	SOLVAY SOLEXIS, INC	184.66	
West Deptford Township	333	1	CROWN POINT ROAD	DUFFY, BRIAN M	0.31	
West Deptford Township	333	10	CROWN POINT ROAD	DUFFY, BRIAN M	0.14	
West Deptford Township	333	11	CROWN POINT ROAD	DUFFY, BRIAN M	1.36	
West Deptford Township	333	12	CROWN POINT ROAD	DUFFY, BRIAN M	23.42	
West Deptford Township	344	2.02	140 CROWN POINT ROAD	MARONE CONTRACTORS, INC	36.65	
West Deptford Township	346.01	6.02	METROPOLITAN AVENUE	THE CALABRESE GROUP, LLC	6.07	
West Deptford Township	346.07	22	663 MANTUA GROVE ROAD	PRESS, SUZANNE M & HENRY W JR	7.15	
West Deptford Township	346.07	22.01	653 MANTUA GROVE ROAD	T ZANDER & SONS INC	10.06	
West Deptford Township	346.07	24	691 MANTUA GROVE ROAD	WM C & BETTY E URBAN REVOCABLE TRS.	7.97	
West Deptford Township	346.07	25	OFF MANTUA GROVE ROAD	H A MOORE ESTATE @ JUDITH STEWARD	27.08	
West Deptford Township	350.03	45.02	KINGS HWY & PARADISE ROAD	COLONIAL PIPELINE CO % JOHN SAPP		Repaupo-Mantua Creek
West Deptford Township	350.04	35	MANTUA GROVE RD	PREI MANTUA GROVE ASSOCIATES,L.P.	77.13	
West Deptford Township	350.04	35.01	MANTUA GROVE ROAD	COIM USA REAL ESTATE, INC	38.99	
West Deptford Township	350.04	35.03	MANTUA GROVE RD	PREI MANTUA GROVE ASSOCIATES,L.P.	96.81	
West Deptford Township	350.04	35.04	MANTUA GROVE RD	PREI MANTUA GROVE ASSOCIATES,L.P.	56.20	
West Deptford Township	351	8	951 KINGS HIGHWAY	HEISS, FRANKLIN D	10.58	
West Deptford Township	351.12	4.02	JESSUP ROAD	HERITAGE DAIRY STORES INC	5.23	
West Deptford Township	351.12	4.07	JESSUP ROAD	HERITAGE DAIRY STORES INC	7.99	
West Deptford Township	351.27	7.11	981 KINGS HIGHWAY	MOORE, MATTHEW J SR & SUSAN MARY	16.13	
West Deptford Township	352	3	OFF JESSUP ROAD	DE HART, WILLIAM C & MARY ELLEN		Repaupo-Mantua Creek
West Deptford Township	352	4.02	399 JESSUP ROAD	MARPLE, JOHN A		Repaupo-Mantua Creek
West Deptford Township	353	1	KINGS HIGHWAY	FEINBERG & MCBURNEY INVESTMENT CO	10.31	Ropaupo Mariau Orock
West Deptford Township	353	2.02	976 KINGS HIGHWAY	MOORE, CHRISTOPHER & FRANCES	13.23	
West Deptford Township	353	2.04	KINGS HIGHWAY	MOORE, MATTHEW J & SUSAN M	6.00	
West Deptford Township	353	4	950 KINGS HIGHWAY	ZIMM, PHILIP & SUSAN	9.96	
West Deptford Township	354	2	JESSUP ROAD	MOORE, HENRIETTA M & KATHRYN B		Repaupo-Mantua Creek
West Deptford Township	354	3	JESSUP ROAD	MOORE, HENRIETTA M & KATHRYN B		Repaupo-Mantua Creek
West Deptford Township	356.26	3	202 PARKVILLE STATION RD	MOORE, KATHRYN B		Repaupo-Mantua Creek
West Deptford Township	357	4	1030 KINGS HIGHWAY	PHIFER, WM JR, HUGH & SHARON RATTAY		Repaupo-Mantua Creek
West Deptford Township	374	2.08	OGDEN STATION ROAD	PARADISE ROAD GROUP, LLC		Repaupo-Mantua Creek
West Deptford Township	374	3.02	PARKVILLE STATION ROAD	KINGS GROVE GROUP, LLC		Repaupo-Mantua Creek
West Deptford Township	374	3.21	OGDEN STATION ROAD	KINGS GROVE GROUP, LLC		Repaupo-Mantua Creek

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
West Deptford Township	374	3.22	OGDEN STATION ROAD	KINGS GROVE GROUP, LLC	5.03	Repaupo-Mantua Creek
West Deptford Township	374	5	200 OGDEN STATION ROAD	DI SIMONE, DE ANNA & BLAIR PARKIN		Repaupo-Mantua Creek
West Deptford Township	375	1	249 OGDEN STATION ROAD	ZANDER, HARRY W S/M		Repaupo-Mantua Creek
West Deptford Township	375	3.02	213 OGDEN STATION ROAD	GRAY, JOHN J & LISA-MARIE VARSACI		Repaupo-Mantua Creek
West Deptford Township	375.01	5	OGDEN STATION ROAD	HANGSTERFER, WILLIAM	65.80	
West Deptford Township	375.01	5.02	OGDEN STATION ROAD	HANGSTERFER'S LABOR INC	1.83	
West Deptford Township	375.01	5.03	OGDEN STATION ROAD	HANGSTERFER'S LABOR INC	3.38	
West Deptford Township	375.01	7	OFF OGDEN STATION ROAD	HANGSTERFER'S LABORATORIES INC	6.81	
West Deptford Township	376	5.01	ODGEN STATION ROAD	HANGSTERFER'S LABORATORIES INC	12.06	
West Deptford Township	422	1	15 W SECOND AVENUE	BONNER, THOMAS H & ANDREA	5.86	
Woolwich Township	1	1	2330 OLDMANS CREEK ROAD	RAPISARDI, ROSARIO J		Oldmans Creek
Woolwich Township	1	2	2250 OLDMANS CREEK RD	HOMESTEAD II LLC		Oldmans Creek
Woolwich Township	1	3	2200 OLDMANS CREEK RD	MACCARONE, SUSAN	126.20	
Woolwich Township	1	5.01	OLDMANS CREEK RD	SORBELLO, THOMAS A & ETALS		Oldmans Creek
Woolwich Township	1	6	2036 OLDMANS CREEK RD	VS WOOLWICH, INC.	205.91	Oldmans Creek
Woolwich Township	1	8	1998 OLDMANS CREEK RD	RIZZI, FRANCESCO A & JOSEPH H JR CO		Oldmans Creek
Woolwich Township	1	11	1958 OLDMANS CREEK RD	MAUGERI FARMS LLC		Oldmans Creek
Woolwich Township	2	2	322 CENTER SQUARE RD	SUMMIT VENTURE LLC	74.28	
Woolwich Township	2	3	AMESBURY BOULEVARD	SUMMIT VENTURES LLC	33.88	
Woolwich Township	2	6	1213 AUBURN ROAD	SUMMIT VENTURES LLC	0.14	
Woolwich Township	2	7	1213 AUBURN ROAD	SUMMIT VENTURES LLC	6.86	
Woolwich Township	2	8	1261 AUBURN ROAD	GNCC C/O W. R. GRACE & CO	83.19	
Woolwich Township	2	9	1301 AUBURN ROAD	WMP REALTY CO	124.17	
Woolwich Township	2	10	1355 AUBURN ROAD	WMP REALTY CO.	77.46	Oldmans Creek
Woolwich Township	2	11	1911 OLDMANS CREEK RD	WMP REALTY CO.		Oldmans Creek
Woolwich Township	2	12	1991 OLDMANS CREEK RD	MAUGERI FARMS LLC	93.62	Oldmans Creek
Woolwich Township	2	13	2063 OLDMANS CREEK RD.	NICOLOSI BROS		Oldmans Creek
Woolwich Township	2	14	2101 OLDMANS CREEK RD	SORBELLO, THOMAS A & ETALS		Oldmans Creek
Woolwich Township	2	15	2157 OLDMANS CREEK RD.	SORBELLO, THOMAS A & ETALS		Oldmans Creek
Woolwich Township	2	16	2273 OLDMANS CREEK RD.	CJR REALTY CO	28.43	Oldmans Creek
Woolwich Township	2	17	2273 OLDMANS CREEK RD.	CJR REALTY CO		Oldmans Creek
Woolwich Township	2	18	1332 TOWNSHIP LINE RD.	NANKERVIS, VERNA ET ALS	41.18	Oldmans Creek
Woolwich Township	2	18.02	1332 TOWNSHIP LINE ROAD	NANKERVIS, VERNA ET AL		Oldmans Creek
Woolwich Township	2	23	1310 TOWNSHIP LINE RD.	DESTEFANO, EDWARD & KATHLINE		Oldmans Creek
Woolwich Township	2	24	1240 TOWNSHIP LINE RD.	SUMMIT VENTURES LLC	64.10	
Woolwich Township	2.09	25	1198 TOWNSHIP LINE RD.	STEIN, ANNA LORRAINE	10.20	
Woolwich Township	3	6	140 HIGH HILL ROAD	DAYBREAK FAMILY LIMITED		Oldmans Creek
Woolwich Township	3.07	14.01	1110 TOWNSHIP LINE RD.	STECHER, EMILY	12.19	
Woolwich Township	4	2	1030 AUBURN ROAD	WOOLWICH FAMILY PARTNERS LLC	4.48	
Woolwich Township	4	3	1050 AUBURN ROAD	SUMMIT VENTURES LLC	9.98	
Woolwich Township	4	4	1080 AUBURN ROAD	SUMMIT VENTURES LLC	16.19	

					Acres	
Municipality	Block	Lot	Property Address	Owner's Name	(GIS)	Project Area
Woolwich Township	6	6	2120 US 322	SAVOY FAMILY LP	96.28	
Woolwich Township	7	2	225 LOCKE AVE.	GATTUSO LAND INC.	58.43	Oldmans Creek
Woolwich Township	7	4	2062 US 322	GLA ASSOCIATES LLC	5.33	
Woolwich Township	7	4.01	2062 US 322	LOCKE PARTNERS LLC % S EISNER	25.19	
Woolwich Township	7	5	2020 US 322	BONACCORSI, MARY & CARMELA ETALS	76.45	
Woolwich Township	10	3	41 PAULSBORO ROAD	OTTO C RODE, INC.	24.96	
Woolwich Township	10	4	1600 US 322	TOMAC LIMITED PARTNERSHIP	29.65	
Woolwich Township	10	5	26 GARWIN ROAD	CALTABIANO, SALVATORE A & MARGARET	20.28	
Woolwich Township	11	1	341 STONE MEETING HOUSE R	MACCARONE, SAMUEL	34.21	Oldmans Creek
Woolwich Township	11	2	310 OAK GROVE ROAD	NAR FARMS LLC		Oldmans Creek
Woolwich Township	11	6	2137 US 322	MURPHY'S FARM MARKET LLC	4.76	
Woolwich Township	11	6.01	2131 US 322	MUSUMECI, JOSEPH J & ANNE M	5.94	
Woolwich Township	11	6.04	2115 US 322	MURPHYS FARM MARKET LLC	0.80	
Woolwich Township	11	21	2271 US 322	CEDARVALE FAMILY LTD PARTNERSHIP	44.43	Oldmans Creek
Woolwich Township	12	2	2021 US 322	PROJECT 1215 LLC	17.72	
Woolwich Township	12	3	2057 US 322	MADDEN, WILLIAM J	41.42	
Woolwich Township	12	5	300 PAULSBORO ROAD	ST CLARE OF ASSISI PARISH		Oldmans Creek
Woolwich Township	12	6	110 VIERECK ROAD	VIERECK, LARRY E & DAVID W		Oldmans Creek
Woolwich Township	13	2	51 VIERECK ROAD	CLENDENING, JEAN V	53.79	Oldmans Creek
Woolwich Township	13	2.02	439 OAK GROVE ROAD	VIERECK, LARRY E & DAVID W		Oldmans Creek
Woolwich Township	13	3	489 STONE MEETING HOUSE R	RACITE, DOMINIC		Oldmans Creek
Woolwich Township	13	4	527 STONE MEETING HOUSE R	SARBELLO, ROSE M & JOSEPH ETAL		Oldmans Creek
Woolwich Township	13	5	386 PAULSBORO ROAD	EASTLACK, CONCETTA		Oldmans Creek
Woolwich Township	13	5.01	450 PAULSBORO ROAD	ST CLARE OF ASSISI PARISH	26.13	Oldmans Creek
Woolwich Township	14	3	325 PAULSBORO ROAD	MUSUMECI, JOSEPH & HELEN	73.80	
Woolwich Township	14	5	369 PAULSBORO ROAD	SANDY HILL FARMS @ C EASTLACK		Oldmans Creek
Woolwich Township	14	5.01	361 PAULSBORO ROAD	SANDY HILL FARMS @C EASTLACK	20.29	
Woolwich Township	14	5.03	403 PAULSBORO ROAD	BELFIORE @ C EASTLACK		Oldmans Creek
Woolwich Township	14	6.01	429 PAULSBORO ROAD	BEAIL-FARKAS, MAUREEN		Oldmans Creek
Woolwich Township	14	6.02	421 PAULSBORO ROAD	BEAIL-FARKAS, MAUREEN		Oldmans Creek
Woolwich Township	14	9	451 PAULSBORO ROAD	MUSUMECI TRST & MUSUMECI, P & A		Oldmans Creek
Woolwich Township	14	12	190 MILL ROAD	RUSSO HOMES LLC		Oldmans Creek
Woolwich Township	14	13	423 PAULSBORO ROAD	STILES, LYNNE H & ETALS		Oldmans Creek
Woolwich Township	14	17	155 RULON ROAD	PAYNE, NAOMI MRS	53.79	
Woolwich Township	14	26	340 GARWIN ROAD	GAROZZA, CATHERINE MRS		Oldmans Creek
Woolwich Township	14	27	340 GARWIN ROAD	GAROZZA, CATHERINE MRS		Oldmans Creek
Woolwich Township	14	28	140 MILL ROAD	GAROZZA, CATHERINE MRS		Oldmans Creek
Woolwich Township	14	29	380 GARWIN ROAD	GAROZZA, CATHERINE MRS		Oldmans Creek
Woolwich Township	14	30	154 MILL ROAD	DESANTIS, MARY ANN		Oldmans Creek
Woolwich Township	15	2	1601 US 322	PROJECT 1215 LLC	13.19	
Woolwich Township	16	5	341 KINGS HIGHWAY	CLENDINING INV LLC & VIERECK LLC	20.44	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Woolwich Township	17	6	361 GARWIN ROAD	GAROZZA, CATHERINE	60.46	Oldmans Creek
Woolwich Township	18	4	101 KINGS HIGHWAY	CASELLA BROS	116.95	
Woolwich Township	18	6	90 ASBURY STATION ROAD	CASELLA BROS	51.57	
Woolwich Township	18	7	90 ASBURY STATION ROAD	CASELLA BROS		Oldmans Creek
Woolwich Township	19	1	191 MILL ROAD	PREVITERA, ALFIO & CATHLEEN		Oldmans Creek
Woolwich Township	19	2	382 ASBURY STATION ROAD	GIESCHEN, DANIEL D & ALISON V		Oldmans Creek
Woolwich Township	19	4	139 MILL ROAD	GAROZZA, CATHERINE MRS		Oldmans Creek
Woolwich Township	19	5	139 MILL ROAD	GAROZZA, CATHERINE MRS	2.74	Oldmans Creek
Woolwich Township	20	1	351 SWEDESBORO AVE.	GARDNER, PHILLIP C/O ETHEL		Oldmans Creek
Woolwich Township	20	3	369 ASBURY STATION RD.	CURIALE, ANTHONY & CHRISTINA		Oldmans Creek
Woolwich Township	20	4	351 ASBURY STATION RD.	HELM, WM W & EILEEN		Oldmans Creek
Woolwich Township	20	6	15 MILL ROAD	HELM, WM W & EILEEN		Oldmans Creek
Woolwich Township	21	1	50 MILL ROAD	KING'S VIEW ESTATES LLC		Oldmans Creek
Woolwich Township	21	3	181 ASBURY STATION RD.	KING'S VIEW ESTATES LLC		Oldmans Creek
Woolwich Township	21	4	139 ASBURY STATION RD.	KING'S VIEW ESTATES LLC	56.08	Oldmans Creek
Woolwich Township	21	5	111 ASBURY STATION RD.	BEIER, ERNEST III & DIANE	9.86	Oldmans Creek
Woolwich Township	22	2	81 ASBURY STATION RD.	CASELLA BROS	33.87	
Woolwich Township	22	3	105 ASBURY STATION RD.	BEIER, ERNEST III & DIANE	32.51	Oldmans Creek
Woolwich Township	22	4	33 ASBURY STATION RD.	CASELLA BROS	53.18	
Woolwich Township	24	2	1810 OLDMANS CREEK RD.	WMP REALTY, CO.	22.79	Oldmans Creek
Woolwich Township	26	1	331 MORAVIAN CHURCH ROAD	ARROYO, EFRAIN, JR. & NEREIDA	20.84	
Woolwich Township	27	3.02	2523 KINGS HIGHWAY	BROWN, CLINTON E & ANDREA M	5.51	
Woolwich Township	27	3.03	2527 KINGS HIGHWAY	BROWN, CLINTON E & ANDREA M	5.54	
Woolwich Township	27	3.04	9 INDEPENDENCE COURT	PRATT, CRAIG & DAWN M	5.88	
Woolwich Township	27	3.12	10 INDEPENDENCE COURT	OWINGS, JAMES BLAKE & LINDA	5.46	
Woolwich Township	28	1	1410 AUBURN ROAD	WMP REALTY CO	37.41	Oldmans Creek
Woolwich Township	28	3	1366 AUBURN ROAD	WMP REALTY CO.	40.55	Oldmans Creek
Woolwich Township	28	4	1314 AUBURN ROAD	WMP REALTY CO.	29.25	Oldmans Creek
Woolwich Township	28	5	1278 AUBURN ROAD	SUMMIT VENTURES LLC	26.49	
Woolwich Township	28	6.01	1222 AUBURN ROAD	SUMMIT VENTURES LLC	26.99	
Woolwich Township	28	14	2183 KINGS HIGHWAY	SUMMIT VENTURES LLC	84.59	
Woolwich Township	28	15	81 RAINEY ROAD	HI-LO FARM INC @ANGELO BORZIO	35.46	
Woolwich Township	28	16	123 RAINEY ROAD	SUMMIT VENTURES LLC C/O SCHATZ ASC	77.78	
Woolwich Township	28.01	2	VILLAGE GREEN DRIVE	SUMMIT VENTURES LLC	11.25	
Woolwich Township	28.02	11	50 CENTER SQUARE ROAD	ZAPPALA, HARRY R & CHARLOTTE A	7.96	
Woolwich Township	28.02	13.01	2131 KINGS HIGHWAY	SUMMIT VENTURES LLC	31.36	
Woolwich Township	28.04	7	1180 AUBURN ROAD	SUMMIT VENTURES LLC	39.98	
Woolwich Township	32	1	2170 KINGS HIGHWAY	SUMMIT VENTURES LLC	14.56	
Woolwich Township	32	3	2130 KINGS HIGHWAY	SUMMIT VENTURES LLC	5.26	
Woolwich Township	32	6	149 WOODSTOWN ROAD	JULY HOLDINGS LLC	4.94	
Woolwich Township	35	5.04	132 HOMESTEAD COURT	BEINKE, FRITZ & THERESA L	5.52	

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS) Project Area
Woolwich Township	36	1.14	2610 KINGS HIGHWAY	PAGESY, CHARLES A & BRENDA B	5.58
Woolwich Township	36	2.02	1358 OLDMANS CREEK RD	SCHULTZ, JAMES A & JANICE	6.77
Woolwich Township	36	4	555 WOODSTOWN ROAD	CCTS TAX LIENS I, LLC	23.71
Woolwich Township	36	5	20 OLIPHANTS MILL ROAD	HARGRAVE, JAMES D & IRENE B	25.99
Woolwich Township	36	6.17	190 COLONY PLACE	CASTANO, ALBERT & GERALYNN	7.18
Woolwich Township	36	10	555 WOODSTOWN ROAD	SCHMIDT, FRANCES & DONALD ETALS	10.19
Woolwich Township	36.01	2	119 COLONY PLACE	TETRICK, TIMOTHY A & ASHLEY R	5.59
Woolwich Township	36.01	3	127 COLONY PLACE	TETRICK, TIMOTHY A & ASHLEY R	5.61
Woolwich Township	38	2	1216 OLDMANS CREEK RD.	BARBAGALLO, CHERYL	6.04 Oldmans Creek
Woolwich Township	38	2.01	1080 OLDMANS CREEK RD	BARBAGALLO, CHERYL	4.74 Oldmans Creek
Woolwich Township	38	5	600 WOODSTOWN ROAD	SCHMIDT, FRANCES A & DONALD W	12.70 Oldmans Creek
Woolwich Township	39	1	670 WOODSTOWN ROAD	SORBELLO, THOMAS A & MARIE	10.16 Oldmans Creek
Woolwich Township	40	9	2330 KINGS HIGHWAY	STEVEN M EISNER DEFINED BENEFIT PEN	9.80
Woolwich Township	40	10	349 WOODSTOWN ROAD	FICHERA EST. @ FRANK FICHERA	35.70
Woolwich Township	40	11	339 WOODSTOWN ROAD	FICHERA, FRANK ETAL	4.69
Woolwich Township	41	1	141 HARRISONVILLE RD.	ROBERTS, KENNETH A & WHITE, HELEN A	46.68 Oldmans Creek
Woolwich Township	41	1.01	298 WOODSTOWN ROAD		9.48 Oldmans Creek
Woolwich Township	41	3.01	199 HARRISONVILLE RD.	FICHERA, DIANE DOLBOW, ROBERT W & PATRICIA L	5.77 Oldmans Creek
Woolwich Township	41	3.02	221 HARRISONVILLE RD.	WOLFROM, GARY M & DAWN M	7.54 Oldmans Creek
Woolwich Township	41	4.02	235 HARRISONVILLE RD.	MUSUMECI, ANTHONY & ADRIENNE	7.86 Oldmans Creek
Woolwich Township	41	4.03	227 HARRISONVILLE RD.	MUSUMECI, ANTHONY G	6.93 Oldmans Creek
Woolwich Township	41	5.03	384 WOODSTOWN ROAD	MC LAUGHLIN, KIRK & MICHELE	6.53 Oldmans Creek
Woolwich Township	41	5.04	386 WOODSTOWN ROAD	MC LAUGHLIN, KIRK & MICHELE	1.93 Oldmans Creek
Woolwich Township	41	5.05	376 WOODSTOWN ROAD	VOLPE, ANTHONY M & DONNA J	6.51 Oldmans Creek
Woolwich Township	41	6.01	263 HARRISONVILLE RD.	WEATHERILL, ROBERT C & LORI G	6.08 Oldmans Creek
Woolwich Township	41	6.02	243 HARRISONVILLE RD.	GRANT, FRANK S,JR & MARIANNE	6.16 Oldmans Creek
Woolwich Township	41	6.03	241 HARRISONVILLE RD.	LETT, DAVID J & SUSAN S	8.31 Oldmans Creek
Woolwich Township	41	8	RUSSELL MILL M09	SORBELLO, THOMAS & MARIE ETALS	43.78 Oldmans Creek
Woolwich Township	41	10	857 RUSSELL MILL ROAD	SORBELLO, THOMAS A	33.72 Oldmans Creek
Woolwich Township	42	1	361 HARRISONVILLE RD.	VILLECCO, ANDREW J & JOCELYN	11.85 Oldmans Creek
Woolwich Township	42	2	870 RUSSELL MILL ROAD	SORBELLO, FRANK M & JENNIE L	23.56 Oldmans Creek
Woolwich Township	42	2.03	1015 OLDMANS CREEK RD.	SORBELLO, FRANK M & JENNIE L	16.30 Oldmans Creek
Woolwich Township	43	3	107 DAVIDSON ROAD	KING, DAVID & FEUCHT, CAROLINE	16.27 Oldmans Creek
Woolwich Township	43	5	131 DAVIDSON ROAD	ROBERTS, KENNETH A & WHITE, HELEN A	9.56 Oldmans Creek
Woolwich Township	43	9	693 RUSSELL MILL ROAD	DIBELLA, MICHAEL S & JANE B	5.24 Oldmans Creek
Woolwich Township	43	9.02	707 RUSSELL MILL ROAD	DIBELLA, MICHAEL S & JANE B	2.00 Oldmans Creek
Woolwich Township	43	10	160 HARRISONVILLE RD.	ROBERTS, KENNETH A & WHITE, HELEN A	36.39 Oldmans Creek
Woolwich Township	43	15	318 HARRISONVILLE RD.	VILLECO, JERRY J	25.12 Oldmans Creek
Woolwich Township	44	9.01	696 RUSSELL MILL ROAD	VUONG, JENNI	10.62 Oldmans Creek
Woolwich Township	46	6.01	90 DAVIDSON ROAD	DAVIDSON, ELMA C. C/O J. SHARKEY	0.56 Oldmans Creek
Woolwich Township	46	11	285 MONROEVILLE RD	FINOCCHIARO, ALFRED J	13.47 Oldmans Creek

Municipality	Block	Lot	Property Address	Owner's Name	Acres (GIS)	Project Area
Woolwich Township	46	11.02	DAVIDSON ROAD	BUSHEY, MARIAN D	, ,	Oldmans Creek
Woolwich Township	46	11.03	MONROEVILLE RD.	FINOCCHIARO, ROSANNE T		Oldmans Creek
Woolwich Township	46	12	525 RUSSELL MILL ROAD	DIBELLA, CARMEN A & JOSEPHINE		Oldmans Creek
Woolwich Township	46	12.01	525 RUSSELL MILL ROAD	DIBELLA, CARMEN A & JOSEPHINE		Oldmans Creek
Woolwich Township	47	2	263 FRANKLINVILLE RD.	HORNER, WILLIAM C		Oldmans Creek
Woolwich Township	47	2.01	251 FRANKLINVILLE RD	HORNER, WM C		Oldmans Creek
Woolwich Township	47	5.04	331 RUSSELL MILL ROAD	FINOCCHIARO, MARY LOUISE		Oldmans Creek
Woolwich Township	48	1	431 FRANKLINVILLE RD.	AVSEC, TIMOTHY & DIANE		Oldmans Creek
Woolwich Township	48	2	431 FRANKLINVILLE RD.	AVSEC, TIMOTHY & DIANE		Oldmans Creek
Woolwich Township	48	4.01	396 RUSSELL MILL ROAD	PETRONGOLO, GREGORY		Oldmans Creek
Woolwich Township	48	4.01	396 RUSSELL MILL ROAD	PETRONGOLO, GREGORY		Oldmans Creek
Woolwich Township	48	6	404 RUSSELL MILL ROAD	MANGANO, SAMUEL A		Oldmans Creek
Woolwich Township	48	9.01	480 MONROEVILLE RD.	SUIT, CURTIS & CHRISTINE		Oldmans Creek
Woolwich Township	48	9.01	480 MONROEVILLE RD.	SUIT, CURTIS & CHRISTINE SUIT, CURTIS & CHRISTINE		Oldmans Creek
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Woolwich Township		10	486 MONROEVILLE RD.	SUIT, CURTIS D & CHRISTINE O		Oldmans Creek
Woolwich Township	48	11	490 MONROEVILLE RD	SAILEY, VIRGINIA K ETAL		Oldmans Creek
Woolwich Township	49	2	440 FRANKLINVILLE RD.	ATLANTIC CITY ELECTRIC CO % RE CO		Oldmans Creek
Woolwich Township	50	2	490 FRANKLINVILLE RD.	BENNY A SORBELLO FAMILY LLC		Oldmans Creek
Woolwich Township	50	2.08	HIGH STREET	MACCHERONE,SANTO JOSEPH		Oldmans Creek
Woolwich Township	50	3	490 FRANKLINVILLE RD.	MACCHERONE, SANTO JOSEPH		Oldmans Creek
Woolwich Township	50	4	510 FRANKLINVILLE RD.	EASTLACK, WILLARD L		Oldmans Creek
Woolwich Township	54	3	538 KINGS HIGHWAY	LAUGHLIN JR, JOSEPH D & JOANN		Oldmans Creek
Woolwich Township	54	9.01	110 FRANKLINVILLE RD.	THOMAS, WILBERT A III & MARGUERITE		Oldmans Creek
Woolwich Township	55	4.01	290 FRANKLINVILLE RD.	EASTLACK, PATRICIA M		Oldmans Creek
Woolwich Township	55	4.02	272 FRANKLINVILLE RD.	HORNER, WILLIAM C		Oldmans Creek
Woolwich Township	55	7	169 RUSSELL MILL ROAD	DORSETT, LAWRENCE & ANN		Oldmans Creek
Woolwich Township	56	1	170 RUSSELL MILL ROAD	RUSSELL MILL INVESTMENTS LP		Oldmans Creek
Woolwich Township	56	3	90 RUSSELL MILL ROAD	CARDILLO, JOSEPH & CONSTANCE	23.94	Oldmans Creek
Woolwich Township	57	3	380 KINGS HIGHWAY	CLENDINING INV LLC & VIERECK LLC	30.49	
Woolwich Township	57	5	1240 US 322	WOOLWICH COMMONS LLC	45.18	
Woolwich Township	57	7	200 BACK CREEK ROAD	CAVALLARO, ALFRED L ETAL	18.15	Oldmans Creek
Woolwich Township	57	7.01	190 BACK CREEK ROAD	CAVALLARO, ALFRED L ETAL		Oldmans Creek
Woolwich Township	57	8	1180 US 322	WOOLWICH COMMONS LLC	22.65	
Woolwich Township	57	9	1150 US 322	WOOLWICH COMMONS LLC	16.55	
Woolwich Township	57	10	1160 US 322	WOOLWICH COMMONS LLC	5.13	
Woolwich Township	59	6.01	1058 US 322	STEWARD, HARRY R & JUDITH	6.08	
Woolwich Township	59	6.02	1056 US 322	STEWARD, HARRY R & JUDITH	7.04	
Woolwich Township	59	8	1050 US 322	STEWARD, HARRY R & JUDITH	44.37	
Woolwich Township	59	10	1004 US 322	LEONE, JOSPEH A	10.92	
Woolwich Township	60	1	190 KINGS HIGHWAY	MAIN STREET AT WOOLWICH LLC	76.86	
Woolwich Township	60	2	144 KINGS HIGHWAY	MIDATLANTIC DEVELOPMENT GROUP LLC	43.23	

					Acres
Municipality	Block	Lot	<b>Property Address</b>	Owner's Name	(GIS) Project Area
Woolwich Township	61	1	32 PANCOAST ROAD	WOOLWICH 322, LLC	66.79
Woolwich Township	61	2	24 KINGS HIGHWAY	SORBELLO, FRED J & JOAN M	64.12
Woolwich Township	61	6	138 PANCOAST ROAD	DYSON, CHARLES H. IRREVOCABLE TRUST	79.67
Woolwich Township	61	6.01	138 PANCOAST ROAD	DYSON, CHARLES H. IRREVOCABLE TRUST	0.62
Woolwich Township	61	7	ALONG TURNPIKE	GARGIULO, FRANCES	41.00
Woolwich Township	61	9	138 PANCOAST ROAD	DYSON, CHARLES H. IRREVOCABLE TRUST	0.03
Woolwich Township	62	2	1017 US 322	STEWARD, HARRY R & JUDITH	16.81

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