

# St. Mary's Church



**Subwatershed:** Panther Branch

**Site Area:** 186,573 sq. ft.

**Address:** 735 Union Road  
Vineland, NJ 08360

**Block and Lot:** Block 7702, Lot 9



Downspout planter boxes can be constructed along the two corners on either side of the entrance of the building to allow roof runoff to be reused. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.





Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 44"
18	34,389	1.7	17.4	157.9	0.027	0.94

Recommended Green Infrastructure Practices	Recharge Potential (Mgal/yr)	TSS Removal Potential (lbs/yr)	Maximum Volume Reduction Potential (gal/storm)	Peak Discharge Reduction Potential (cu. ft./second)	Estimated Size (sq. ft.)	Estimated Cost
Planter boxes	n/a	4	n/a	n/a	6 (boxes)	\$6,000

# GREEN INFRASTRUCTURE RECOMMENDATIONS



## St. Mary's Church

-  planter box
-  drainage area
-  property line
-  2015 Aerial: NJOIT, OGIS

