

Bethel Holy Temple Church of God in Christ



Subwatershed: Great Egg Harbor River

Site Area: 43,831 sq. ft.

Address: 533 8th Street
Newtonville, NJ 08346

Block and Lot: Block 1601, Lot 20



The southern half of parking spaces northeast of the building can be replaced with pervious pavement to capture and infiltrate stormwater. 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"
38	16,691	0.8	8.4	76.6	0.013	0.46

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
Pervious pavement	0.075	13	5,510	0.21	515	\$12,875

GREEN INFRASTRUCTURE RECOMMENDATIONS



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-  pervious pavement
-  drainage area
-  property line
-  2015 Aerial: NJOIT, OGIS

