

John C. Milanesi Elementary School



Subwatershed: Deep Run

Site Area: 1,030,509 sq. ft.

Address: 880 Harding Highway
Buena, NJ 08310

Block and Lot: Block 5301, Lot 1



A rain garden can be installed at the northwestern corner of the school to capture, treat, and infiltrate rooftop runoff. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.





Impervious Cover		Existing Loads from Impervious Cover (lbs/yr)			Runoff Volume from Impervious Cover (Mgal)	
%	sq. ft.	TP	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 44"
13	134,852	6.5	68.1	619.2	0.105	3.70

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
Bioretention system	0.099	17	7,290	0.27	955	\$4,775

GREEN INFRASTRUCTURE RECOMMENDATIONS



John C. Milanese Elementary School

-  bioretention system
-  drainage area
-  property line
-  2015 Aerial: NJOIT, OGIS

