

# ACTION PACKAGING AUTOMATION 15 OSCAR DRIVE

This site currently has 43,700 square feet of impervious cover, creating 1.28 million gallons of stormwater runoff and flushing 225 pounds of pollutants into the Upper Assunpink Creek each year.

Installing a rain garden in the rear of the property would remediate 36% of the site's impervious cover and could remove 28.5 pounds of pollutants from the Upper Assunpink Creek annually and restore 433,000 gallons of water to the natural water cycle.



Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
43,727	46.4%	2.11	22.08	200.76	34,073	90,497	1,279,497

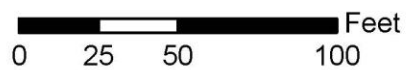
Table 2: BMPs

BMP Type	BMP Area (sq ft)	Reduction Potential (lb/yr)			Maximum Volume Reduction Potential (gal/storm)	Recharge Potential (gal/year)	Estimated Cost
		TP	TN	TSS			
Rain Garden	6,614	0.19	1.00	27.33	32,247	433,136	\$33,072.40
Total	6,614	0.19	1.00	27.33	32,247	433,136	\$33,072.40



## ACTION PACKAGING AUTOMATION 15 OSCAR DRIVE

-  Property Line
-  Drainage Area
-  Rain Garden



# CONGREGATION ANSHEI ROOSEVELT

## 20 HOMESTEAD LANE

This site currently has 5,420 square feet of impervious cover, creating 158,000 gallons of stormwater runoff and flushing 16.3 pounds of pollutants into the Upper Assumpink Creek each year.

Installing a bioswale along the side of the property in the back would remediate 76% of the site's impervious cover and could remove 1.78 pounds of pollutants from the Upper Assumpink Creek annually and restore 115,000 gallons of water to the natural water cycle.

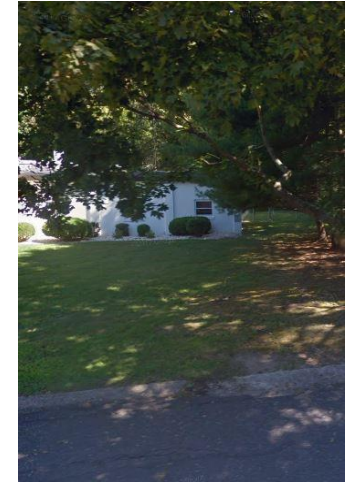
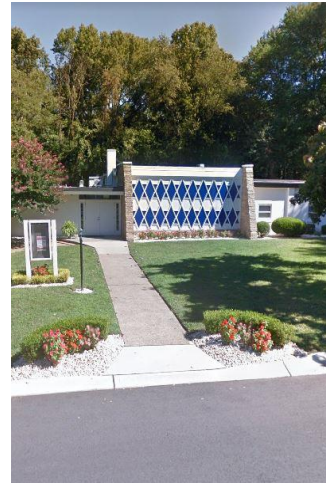
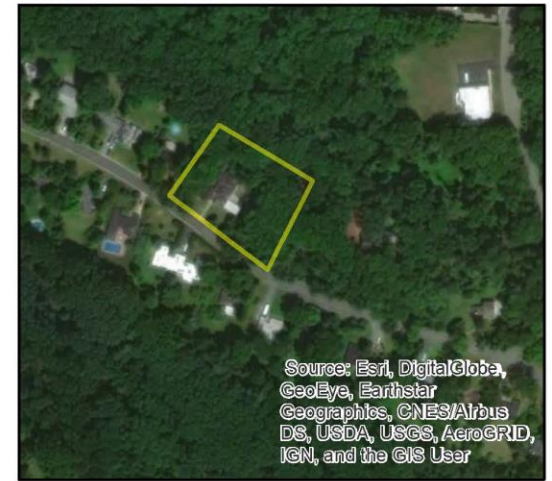


Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
5,416	9.1%	0.12	1.24	14.92	4,220	11,209	158,486

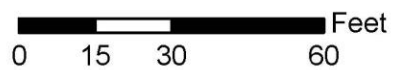
Table 2: BMPs

BMP Type	BMP Area (sq ft)	Reduction Potential (lb/yr)			Maximum Volume Reduction Potential (gal/storm)	Recharge Potential (gal/year)	Estimated Cost
		TP	TN	TSS			
Bioswale	695	0.01	0.05	1.72	8,569	115,091	\$3,476.85
Total	695	0.01	0.05	1.72	8,569	115,091	\$3,476.85



**CONGREGATION ANSHEI  
ROOSEVELT  
20 HOMESTEAD LANE**

-  Property Line
-  Drainage Area
-  Bioswale



# ROOSEVELT PUBLIC SCHOOL 2A SCHOOL LANE

This site currently has 51,300 square feet of impervious cover, creating 1.50 million gallons of stormwater runoff and flushing 154 pounds of pollutants into the Upper Assunpink Creek each year.

Porous pavement installed into the parking spaces in front of the building and a rain garden along the sidewalk would remediate 24% of the site's impervious cover and could remove 6.64 pounds of pollutants from the Upper Assunpink Creek annually and restore 347,000 gallons of water to the natural water cycle.



Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
51,267	7.4%	1.18	11.77	141.23	39,948	106,102	1,500,128

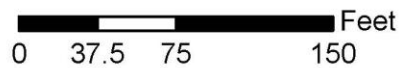
Table 2: BMPs

BMP Type	BMP Area (sq ft)	Reduction Potential (lb/yr)			Maximum Volume Reduction Potential (gal/storm)	Recharge Potential (gal/year)	Estimated Cost
		TP	TN	TSS			
Porous Pavement	1,958	0.03	0.22	4.31	22,137	297,337	\$23,490.24
Rain Garden	808	0.01	0.06	2.00	3,722	49,992	\$4,042.45
Total	2,766	0.04	0.28	6.32	25,859	347,329	\$27,532.69



## ROOSEVELT PUBLIC SCHOOL 2A SCHOOL LANE

-  Property Line
-  Drainage Area
-  Porous Pavement
-  Rain Garden



# UNITED STATES POST OFFICE 1 FARM LANE

This site currently has 11,100 square feet of impervious cover, creating 324,000 gallons of stormwater runoff and flushing 33.3 pounds of pollutants into the Upper Assumpink Creek each year.

A bioswale leading from the Post Office roof to the street's storm drain would capture and remediate 32% of the site's impervious cover and could remove 1.55 pounds of pollutants from the Upper Assumpink Creek annually and restore 97,900 gallons of water to the natural water cycle.

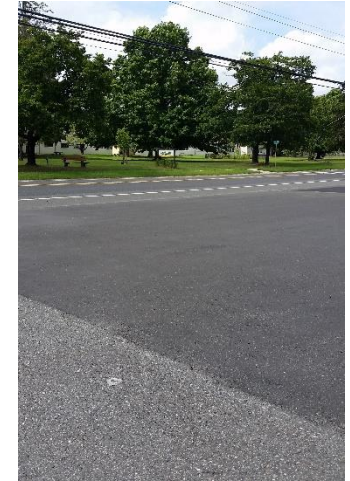
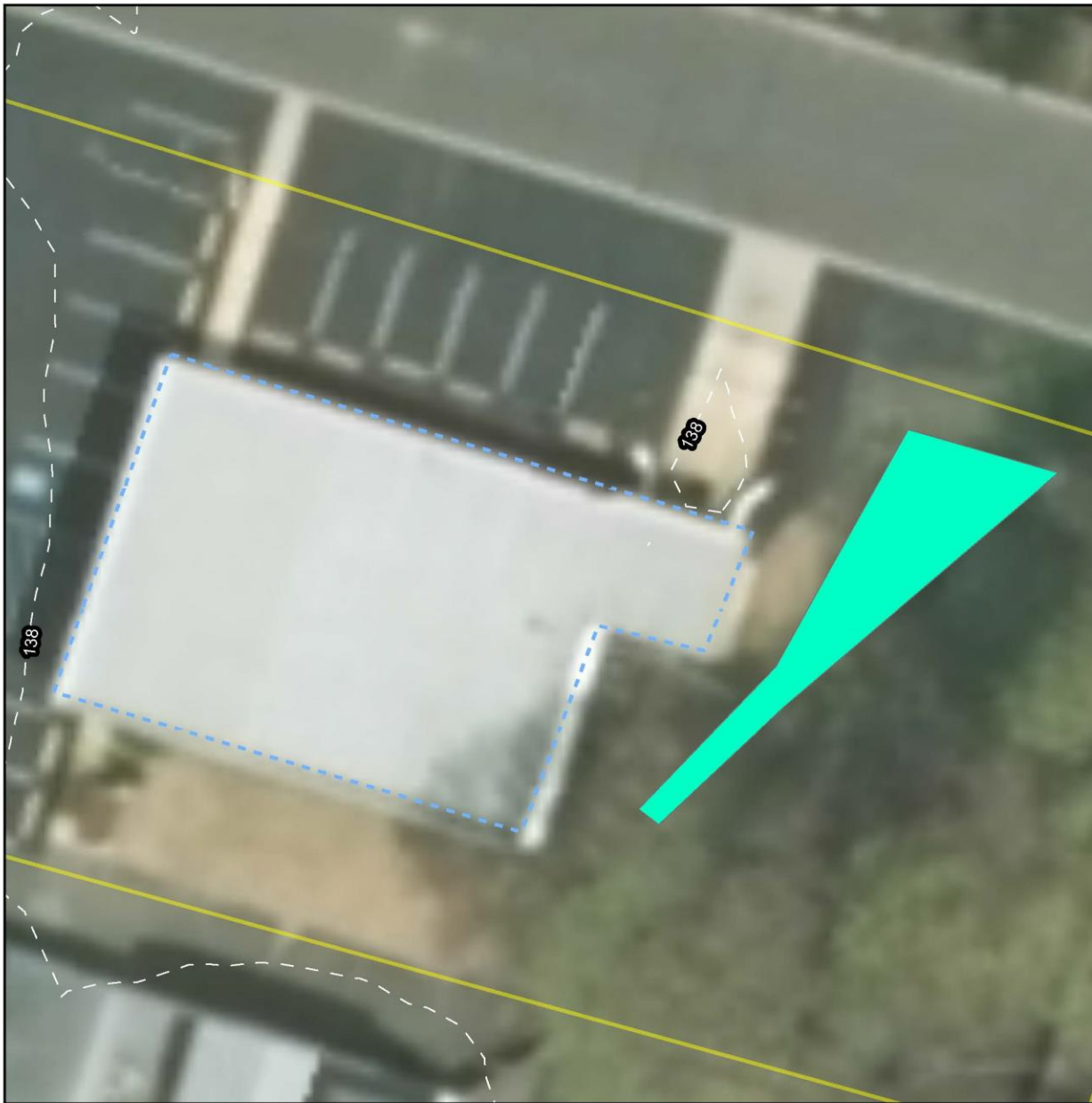


Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
11,068	56.5%	0.25	2.54	30.49	8,624	22,906	323,855

Table 2: BMPs

BMP Type	BMP Area (sq ft)	Reduction Potential (lb/yr)			Maximum Volume Reduction Potential	Recharge Potential (gal/year)	Estimated Cost
		TP	TN	TSS			
Bioswale	607	0.01	0.04	1.50	7,292	97,938	\$3,034.85
Total	607	0.01	0.04	1.50	7,292	97,938	\$3,034.85



**UNITED STATES POST OFFICE  
1 FARM LANE**

-  Property Line
-  Bioswale
-  Drainage Area

0 5 10 20 Feet

