

COMMUNITY MIDDLE SCHOOL

95 GROVERS MILL ROAD

This site currently has 333,000 square feet of impervious cover, creating 9.74 million gallons of stormwater runoff and flushing 1,000 pounds of pollutants into Cranbury Brook each year.

Installing bioswales along paths that stormwater already flows and naturalizing the existing stormwater basin would capture and treat most of the runoff from the property. A rain garden in the front would beautify the school and provide educational opportunities as well as capturing some of the roof runoff.

These measures would remediate 87.8% of the site's impervious cover and could remove 158 pounds of pollutants from Cranbury Brook annually and restore 8.12 million gallons of water to the natural water cycle.

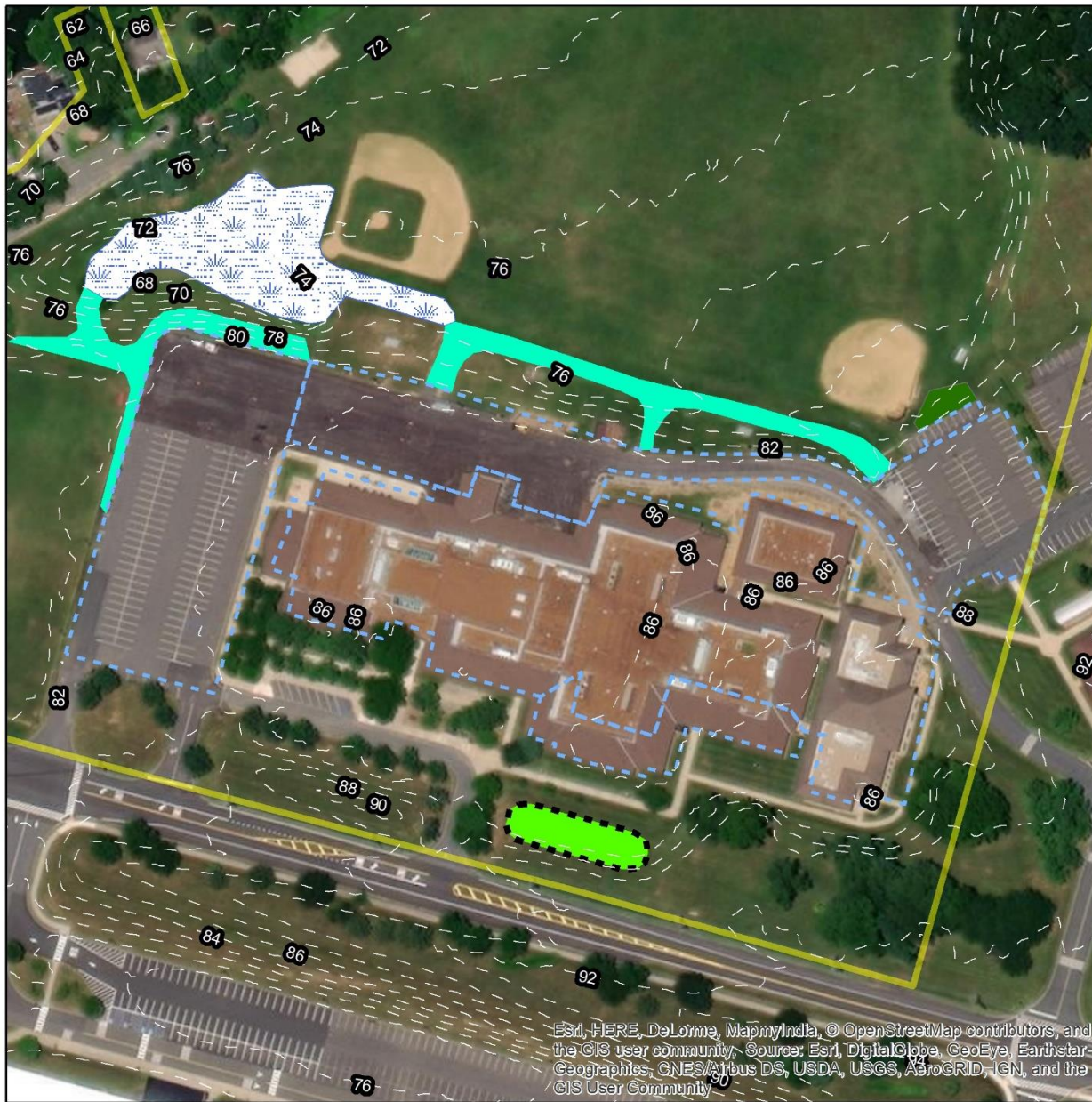


Table 1: Site Information



Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
332,838	23.0%	7.64	76.41	916.91	259,355	684,696	9,739,292

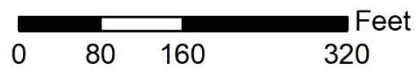
Table 2: BMPs

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			
Stormwater Basin Naturalization	30,521	0.42	2.10	75.67	297,456	4,019,522	\$152,605.20
Bioswale 1	11,008	0.15	0.76	27.29	130,389	1,761,945	\$55,039.80
Bioswale 2	13,376	0.18	0.92	33.16	137,635	1,859,871	\$66,881.70
Rain Garden	5,349	0.07	0.37	13.26	32,622	440,822	\$26,743.80
Vegetated Filter	1,864	0.01	0.13	3.59	2,956	39,939	\$5,591.43
Total	62,118	0.84	4.28	152.98	601,057	8,122,099	\$306,861.93



COMMUNITY MIDDLE SCHOOL 95 GROVERS MILL ROAD

-  Property Line
-  Drainage Area
-  VF
-  Rain Garden
-  Bioswale
-  Stormwater Basin
Naturalization



COMPUNNEL SOFTWARE GROUP, INC

103 MORGAN LANE

This site currently has 82,900 square feet of impervious cover, creating 2.43 million gallons of stormwater runoff and flushing 427 pounds of pollutants into Cranbury Brook each year.

An unused section in the rear of the parking lot could be depaved and replaced with a vegetated filter, and installing a bioswale along the front parking spaces that leads to a naturalized stormwater basin would capture and treat much of the runoff from the parking lot.

These measures would remediate 29.3% of the site's impervious cover and could remove 21.5 pounds of pollutants from Cranbury Brook annually and restore 676,000 gallons of water to the natural water cycle.

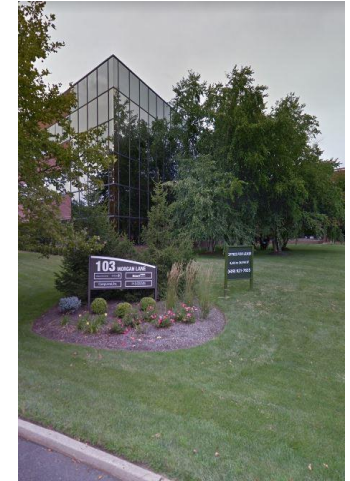
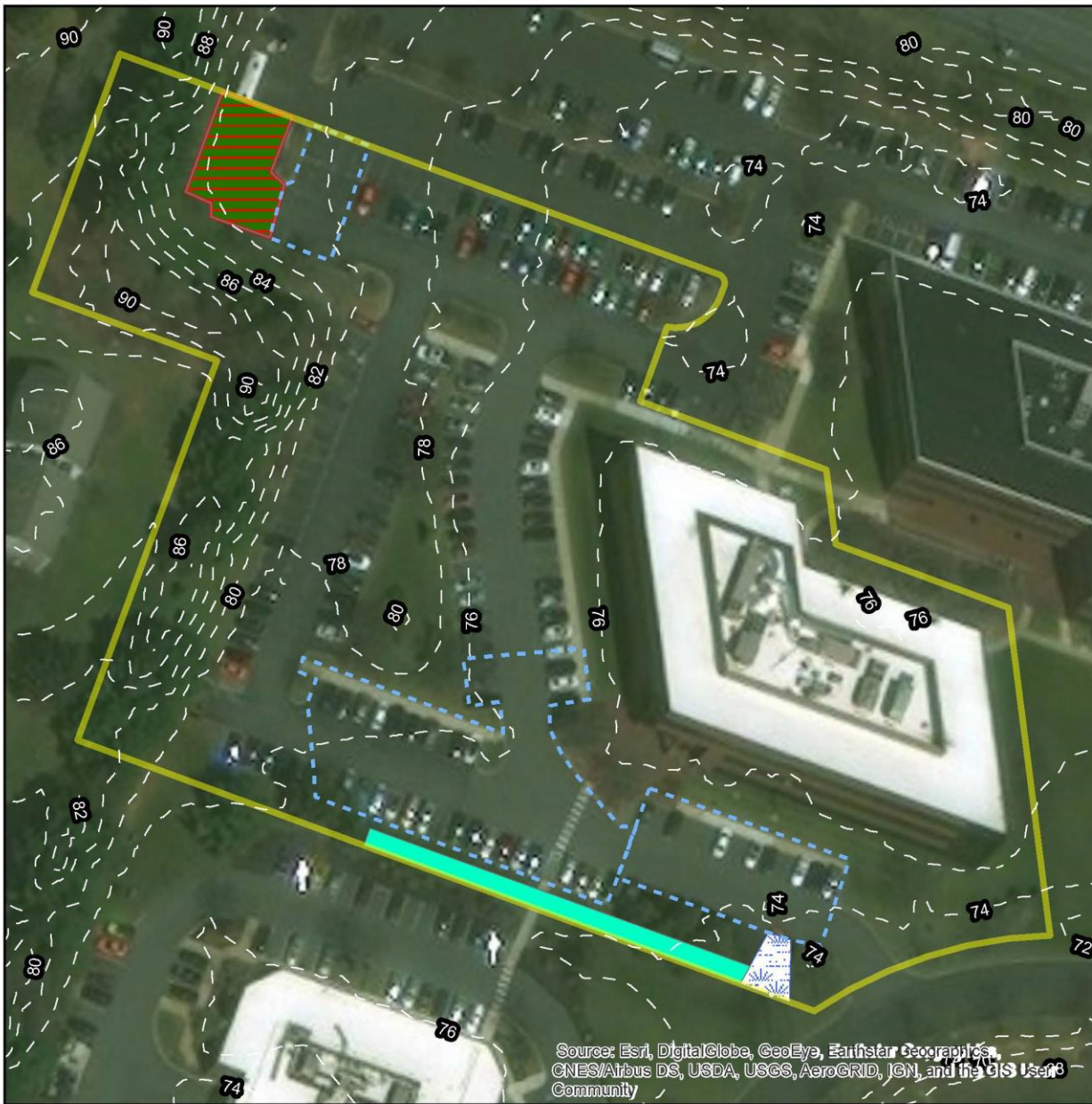


Table 1: Site Information







Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
82,903	53.1%	4.00	41.87	380.64	64,599	170,543	2,425,842

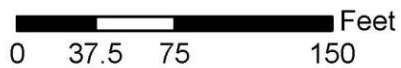
Table 2: BMPs

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			
Depave	2,731	0.00	0.00	0.00	5,618	75,915	\$5,461.88
Vegetated Filter	2,731	0.04	0.41	8.78	4,442	60,021	\$8,192.82
Stormwater Basin Naturalization	631	0.02	0.10	2.61	11,872	160,430	\$3,156.40
Bioswale	2,216	0.06	0.34	9.16	28,096	379,667	\$11,081.85
Total	8,310	0.12	0.85	20.54	50,028	676,034	\$27,892.95



**COMPUNNEL SOFTWARE
GROUP, INC.
103 MORGAN LANE**

-  Property Line
-  Drainage Area
-  Bioswale
-  Vegetated Filter
-  Stormwater Basin Naturalization
-  Depave



FIRST PRESBYTERIAN CHURCH 500 PLAINSBORO ROAD

This site currently has 26,200 square feet of impervious cover, creating 765,000 gallons of stormwater runoff and flushing 78.6 pounds of pollutants into Cranbury Brook each year.

A rain garden along the side of the annex building could capture runoff from the roof, while tree filter boxes installed in the parking lot could capture and treat runoff from the parking spaces.

These measures would remediate 9.1% of the site's impervious cover and could remove 1.77 pounds of pollutants from Cranbury Brook annually and restore 66,000 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
26,151	46.5%	0.60	6.00	72.04	20,377	53,797	765,216

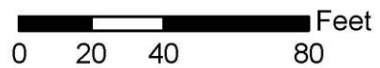
Table 2: BMPs

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	541	0.01	0.04	1.34	2,926	39,537	\$2,704.90
Tree Filter Box (3)	162	0.00	0.02	0.36	1,971	26,638	\$1,944.00
Total	703	0.01	0.06	1.70	4,897	66,174	\$4,648.90



**FIRST PRESBYTERIAN CHURCH
500 PLAINSBORO ROAD**

-  Property Line
-  Drainage Area
-  Tree Filter Box
-  Rain Garden



INTEGRA LIFESCIENCES CORPORATION

104 MORGAN DRIVE

This site currently has 118,000 square feet of impervious cover, creating 3.46 million gallons of stormwater runoff and flushing 608 pounds of pollutants into the X each year.

Naturalizing the existing stormwater basin on the property would remediate 100% of the site's impervious cover and could remove 168 pounds of pollutants from Cranbury Brook annually and restore 3.45 million gallons of water to the natural water cycle.

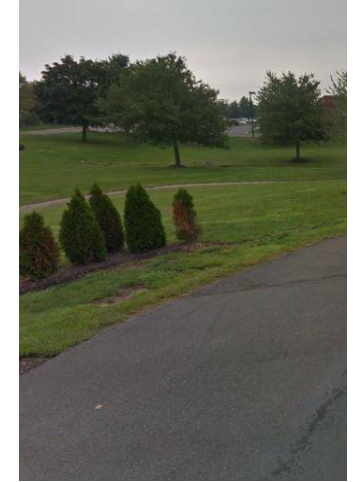
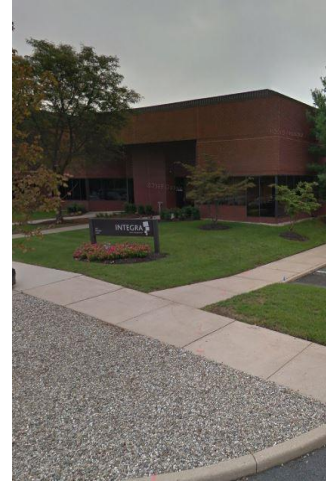
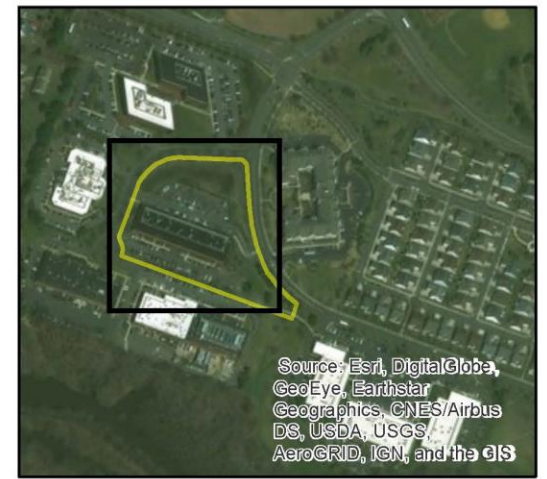


Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
118,092	47.4%	5.69	59.64	542.20	92,020	242,932	3,455,533

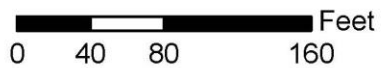
Table 2: BMPs

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			
Stormwater Basin Naturalization	38,854	1.12	5.89	160.55	254,969	3,445,406	\$194,268.80
Total	38,854	1.12	5.89	160.55	254,969	3,445,406	\$194,268.80



**INTEGRA LIFESCIENCES
CORPORATION
104 MORGAN LANE**

-  Property Line
-  Drainage Area
-  Stormwater Basin
Naturalization



J.V.B. WICOFF ELEMENTARY SCHOOL

510 PLAINSBORO ROAD

This site currently has 100,000 square feet of impervious cover, creating 2.93 million gallons of stormwater runoff and flushing 302 pounds of pollutants into Cranbury Brook each year.

A bioswale and rain garden system installed where stormwater naturally flows would remediate 54.0% of the site's impervious cover and could remove 33.9 pounds of pollutants from Cranbury Brook annually and restore 1.51 million 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
100,277	25.0%	2.30	23.02	276.25	78,138	206,284	2,934,238

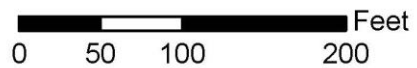
Table 2: BMPs

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			
Vegetated Filter	1,988	0.01	0.14	3.83	2,855	38,578	\$5,965.44
Bioswale	7,064	0.10	0.49	17.51	83,975	1,134,762	\$35,319.60
Rain Garden	4,616	0.06	0.32	11.44	24,665	333,302	\$23,080.55
Total	13,669	0.17	0.94	32.79	111,496	1,506,642	\$64,365.59



**J.V.B. WICOFF
ELEMENTARY SCHOOL
510 PLAINSBORO ROAD**

-  Property Line
-  Drainage Area
-  Rain Garden
-  Bioswale
-  Vegetated Filter



MILLSTONE RIVER SCHOOL

75 GROVERS MILL ROAD

This site currently has 293,000 square feet of impervious cover, creating 8.58 million gallons of stormwater runoff and flushing 882 pounds of pollutants into Cranbury Brook each year.

Naturalizing the property's existing stormwater basin would remediate 98.2% of the site's impervious cover and could remove 215 pounds of pollutants from Cranbury Brook annually and restore 8 million gallons of water to the natural water cycle.

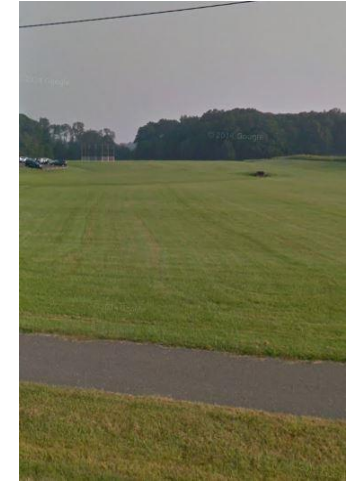


Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
293,154	18.5%	6.73	67.30	807.59	228,432	603,060	8,578,074

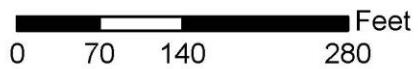
Table 2: BMPs

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			
Stormwater Basin Naturalization	84,072	1.16	5.79	208.44	592,158	8,001,836	\$420,360.35
Total	84,072	1.16	5.79	208.44	592,158	8,001,836	\$420,360.35



**MILLSTONE RIVER SCHOOL
75 GROVERS MILL ROAD**

-  Property Line
-  Drainage Area
-  Stormwater Basin Naturalization



PLAINSBORO RESCUE SQUAD

621 PLAINSBORO ROAD

This site currently has 23,800 square feet of impervious cover, creating 697,000 gallons of stormwater runoff and flushing 71.6 pounds of pollutants into the X each year.

To capture and treat runoff from the roof, a bioswale and rain garden system could be installed along the side of the building, while a strip of porous pavement in some of the parking spaces would remediate part of the parking lot.

These measures would remediate 35.2% of the site's impervious cover and could remove 7.03 pounds of pollutants from Cranbury Brook annually and restore 233,000 gallons of water to the natural water cycle.

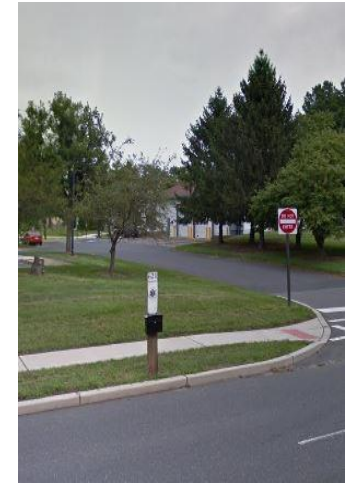
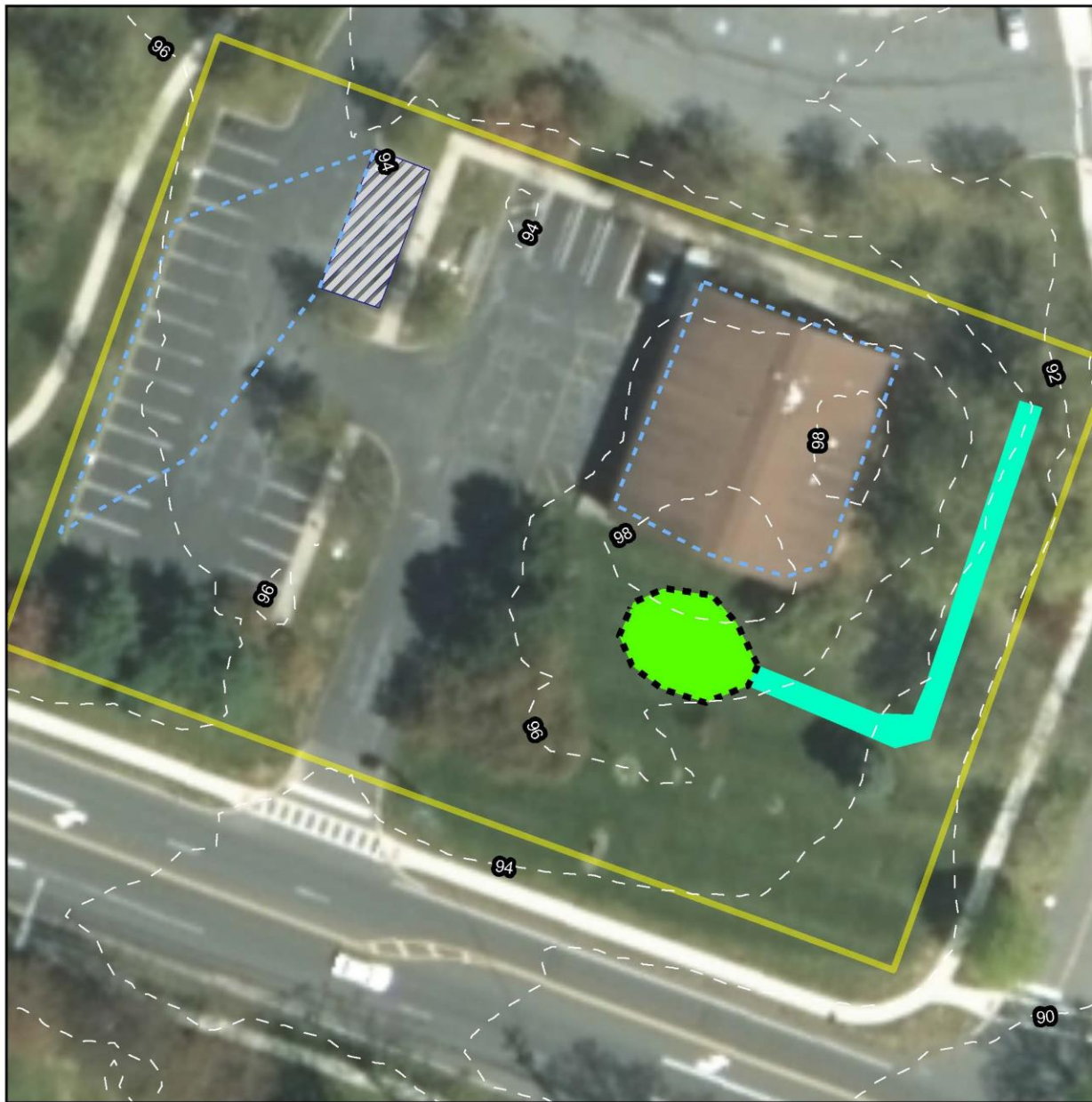


Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
23,811	44.7%	0.55	5.47	65.59	18,554	48,983	696,740

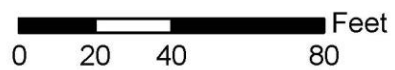
Table 2: BMPs

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	783	0.01	0.09	1.73	7,867	106,308	\$9,396.84
Rain Garden	953	0.01	0.07	2.36	5,124	69,238	\$4,763.40
Bioswale	1,079	0.01	0.07	2.68	4,257	57,531	\$5,394.80
Total	2,815	0.04	0.23	6.76	17,248	233,077	\$19,555.04



**PLAINSBORO RESCUE SQUAD
625 PLAINSBORO ROAD**

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



101 MORGAN LN LLC & FOLGER REALTY LLC

101 MORGAN LANE

This site currently has 114,000 square feet of impervious cover, creating 3.33 million gallons of stormwater runoff and flushing 585 pounds of pollutants into Cranbury Brook each year.

Depaving an unused portion of the parking lot and replacing it with a vegetated filter would remediate some of the rear parking lot area, while a vegetated filter strip and bioswale system combined with naturalizing the site's small stormwater basin could treat additional parking lot runoff as well as runoff from the roof.

These measures would remediate 38.3% of the site's impervious cover and could remove 70.6 pounds of pollutants from Cranbury Brook annually and restore 1.21 million gallons of water to the natural water cycle.

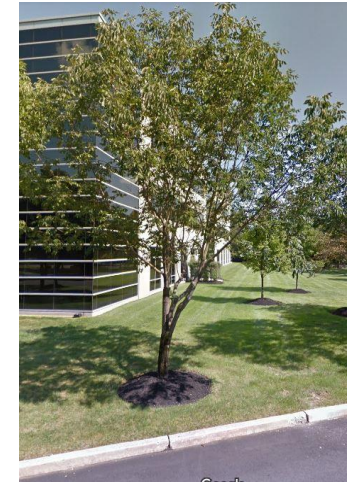
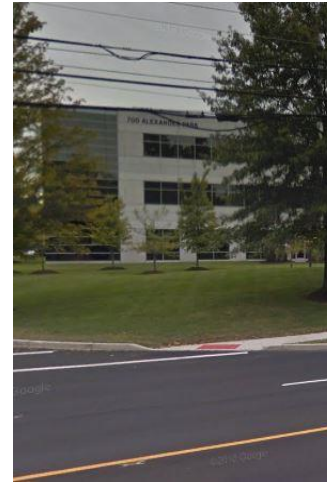


Table 1: Site Information







Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
113,729	55.8%	5.48	57.44	522.17	88,620	233,957	3,327,869

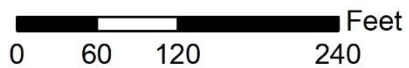
Table 2: BMPs

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			
Vegetated Filter	13,856	0.20	2.10	44.53	23,009	310,927	\$41,568.63
Bioswale 1	2,924	0.08	0.44	12.08	21,043	284,350	\$14,620.15
Bioswale 2	2,224	0.06	0.34	9.19	28,493	385,024	\$11,118.05
Stormwater Basin Naturalization	830	0.02	0.38	1.14	17,096	231,015	\$4,150.00
Total	19,834	0.37	3.26	66.95	89,641	1,211,315	\$71,456.83



**101 MORGAN LN LLC
& FOLGER REALTY LLC
101 MORGAN LANE**

-  Property Line
-  Drainage Area
-  Bioswale
-  Vegetated Filter
-  Stormwater Basin Naturalization
-  Depave



TOWN CENTER ELEMENTARY SCHOOL

700 WYNDHURST DRIVE

This site currently has 208,000 square feet of impervious cover, creating 6.08 million gallons of stormwater runoff and flushing 624 pounds of pollutants into Cranbury Brook each year.

Naturalizing the school's existing stormwater basin would remediate 100% of the site's impervious cover and could remove 156 pounds of pollutants from Cranbury Brook annually and restore 5.94 million gallons of water to the natural water cycle.

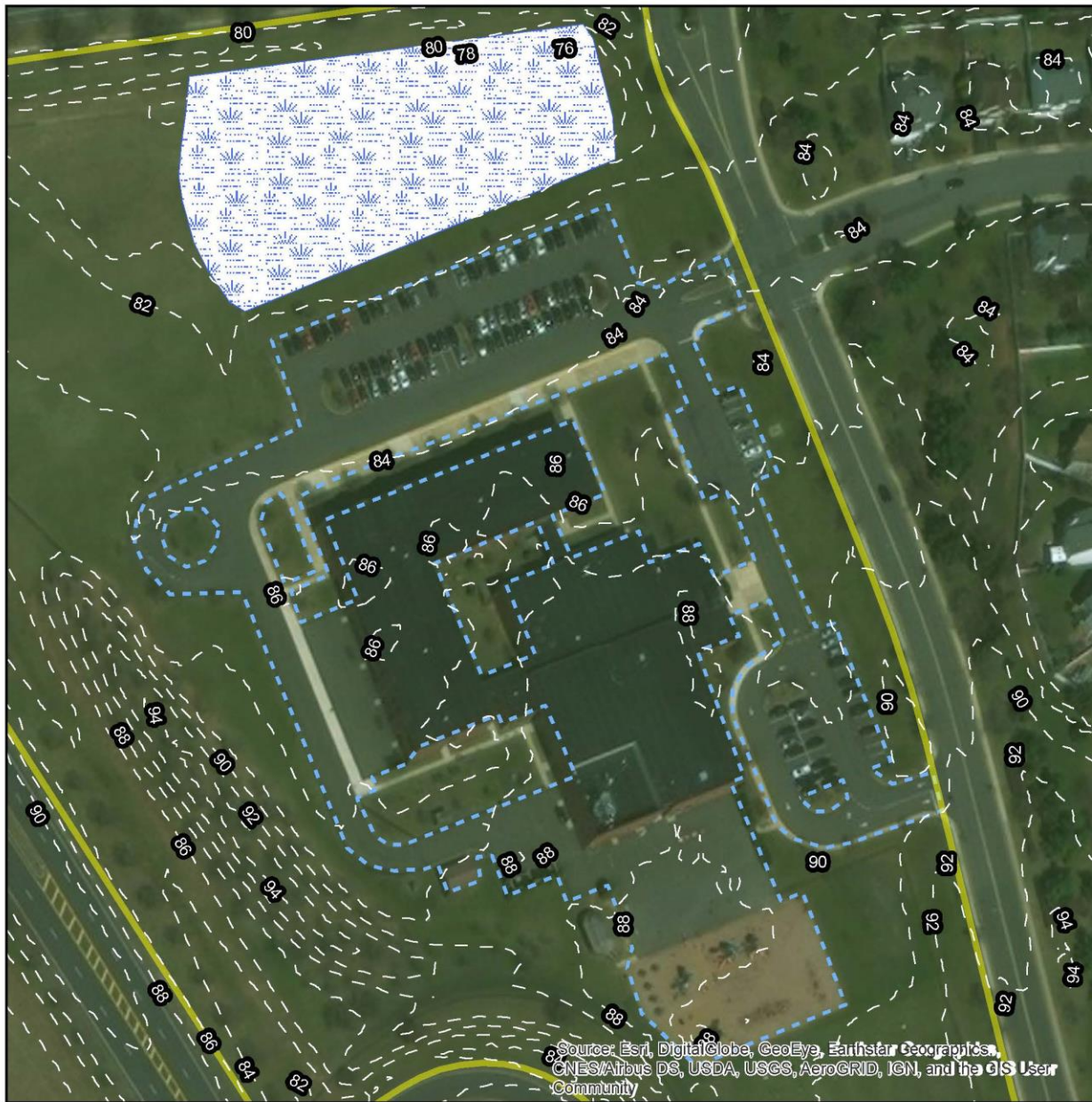


Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
207,647	20.3%	4.77	47.67	572.03	161,803	427,160	6,076,039

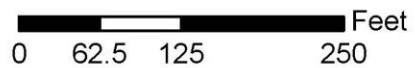
Table 2: BMPs

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			
Stormwater Basin Naturalization	61,054	0.84	4.20	151.37	439,546	5,939,597	\$305,268.35
Total	61,054	0.84	4.20	151.37	439,546	5,939,597	\$305,268.35



**TOWN CENTER
ELEMENTARY SCHOOL
700 WYNDHURST DRIVE**

-  Property Line
-  Drainage Area
-  Stormwater Basin Naturalization



XENOBIOTIC LABORATORIES, INC

107 MORGAN LANE

This site currently has 107,000 square feet of impervious cover, creating 3.12 million gallons of stormwater runoff and flushing 532 pounds of pollutants into Cranbury Brook each year.

Naturalizing the existing stormwater basin on this property would remediate 100% of the site's impervious cover and could remove 57.0 pounds of pollutants from Cranbury Brook annually and restore 3.03 million gallons of water to the natural water cycle.

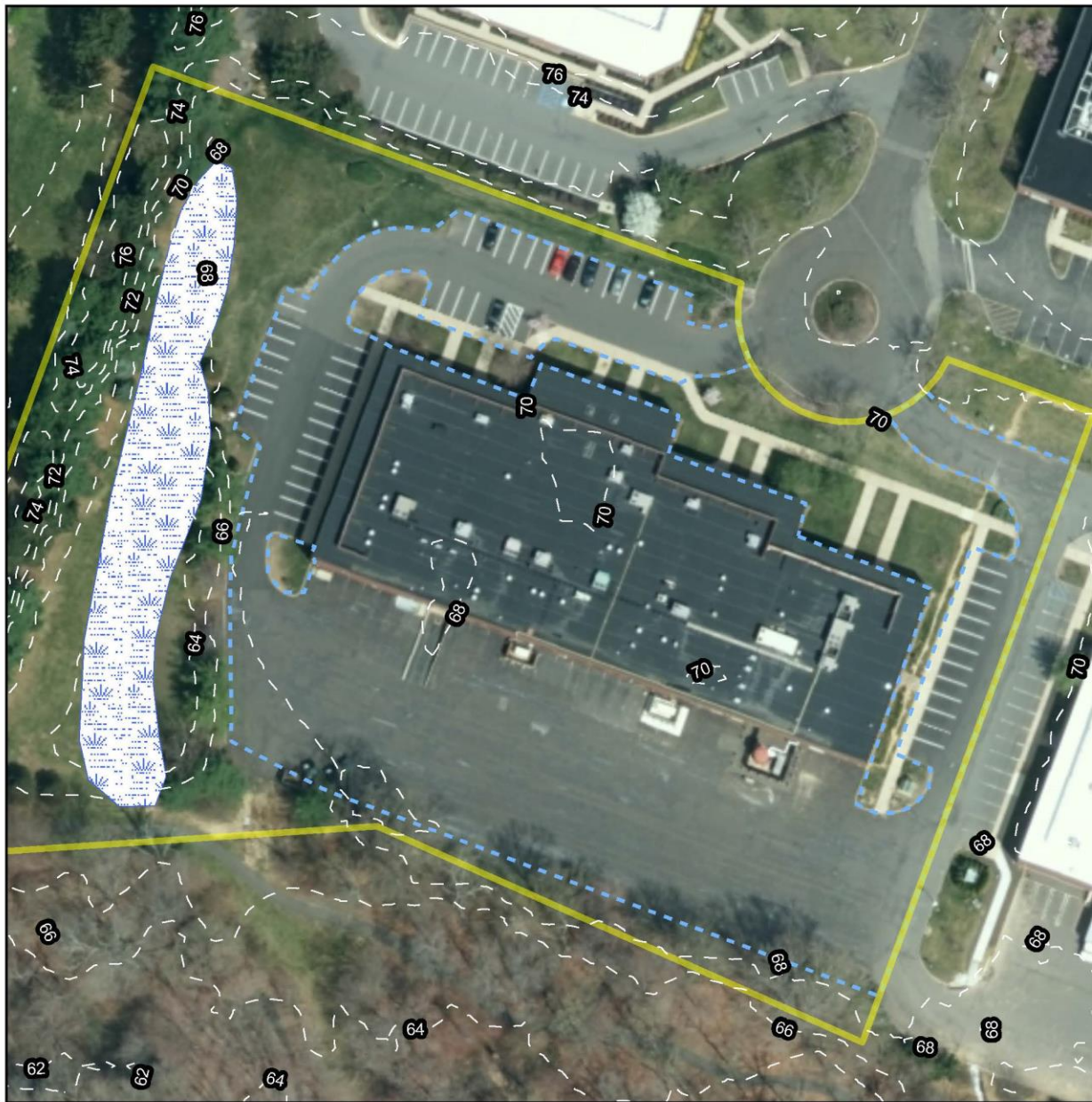


Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
106,644	53.5%	3.67	39.17	489.64	83,100	219,383	3,120,558

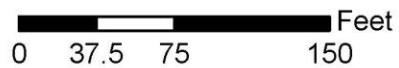
Table 2: BMPs

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			
Stormwater Basin Naturalization	13,371	0.28	1.47	55.25	224,203	3,029,664	\$66,854.60
Total	13,371	0.28	1.47	55.25	224,203	3,029,664	\$66,854.60



**XENOBIOTIC LABORATORIES, INC
107 MORGAN LANE**

-  Property Line
-  Drainage Area
-  Stormwater Basin
Naturalization



FIRMENICH, INC

250 PLAINSBORO ROAD

This site currently has 986,000 square feet of impervious cover, creating 28.9 million gallons of stormwater runoff and flushing 4,920 pounds of pollutants into Devil's Brook each year.

Installing strategically placed strips of porous pavement in parking spaces could remediate much of the parking lot runoff on the property, while a bioswale along the central building would treat some of the runoff before it reaches the retention pond.

These measures would remediate 20.9% of the site's impervious cover and could remove 151 pounds of pollutants from Devil's Brook annually and restore 5.74 million 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
986,120	39.4%	33.96	362.21	4,527.64	768,405	2,028,590	28,855,178

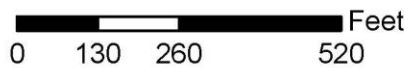
Table 2: BMPs

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	11,901	0.25	2.19	43.71	142,785	1,929,454	\$142,809.72
Porous Pavement 2	9,646	0.20	1.77	35.43	123,057	1,662,868	\$115,750.44
Porous Pavement 3	8,634	0.18	1.59	31.71	61,078	825,344	\$103,603.32
Porous Pavement 4	3,393	0.07	0.62	12.46	34,367	464,409	\$40,721.64
Bioswale	4,918	0.10	0.54	20.32	63,385	856,520	\$24,588.80
Total	38,492	0.80	6.71	143.64	424,672	5,738,596	\$427,473.92



**FIRMENICH, INC
250 PLAINSBORO ROAD**

-  Property Line
-  Drainage Area
-  Bioswale
-  Porous Pavement



QUEENSHIP OF MARY ROMAN CATHOLIC CHURCH

16 DEY ROAD

This site currently has 112,000 square feet of impervious cover, creating 3.27 million gallons of stormwater runoff and flushing 336 pounds of pollutants into Devil's Brook each year.

Naturalizing the existing stormwater basin could treat much of the parking lot runoff and a rain garden planted in the natural depression next to the building could capture roof runoff. A vegetated filter strip would prevent runoff from flooding the neighboring parking lot.

These measures would remediate 86.2% of the site's impervious cover and could remove 86.5 pounds of pollutants from Devil's Brook annually and restore 2.68 million gallons of water to the natural water cycle.

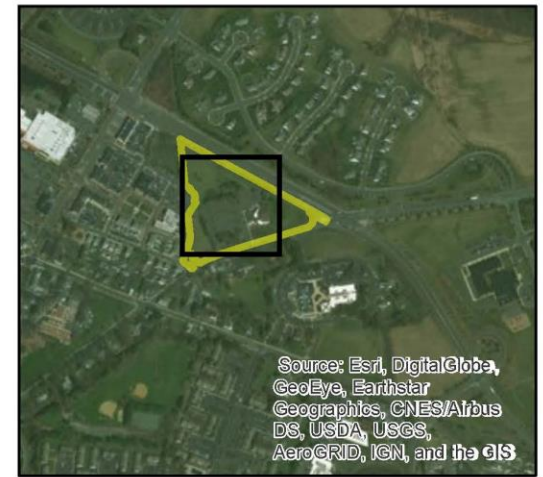


Table 1: Site Information






Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
111,792	24.0%	2.57	25.66	307.97	87,110	229,971	3,271,173

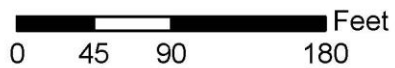
Table 2: BMPs

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			
Stormwater Basin Naturalization	13,708	0.19	0.94	33.99	143,121	1,934,001	\$68,539.85
Rain Garden	4,139	0.06	0.29	10.26	21,398	289,155	\$20,694.10
Vegetated Filter	20,318	0.14	1.40	39.18	33,670	454,987	\$60,955.26
Total	38,165	0.39	2.63	83.43	198,190	2,678,143	\$150,189.21



**QUEENSHIP OF MARY
ROMAN CATHOLIC CHURCH
16 DEY ROAD**

-  Property Line
-  Drainage Area
-  Rain Garden
-  Vegetated Filter
-  Stormwater Basin
Naturalization



ZENSAR TECHNOLOGIES 103 COLLEGE ROAD EAST

This site currently has 112,000 square feet of impervious cover, creating 3.26 million gallons of stormwater runoff and flushing 574 pounds of pollutants into Devil's Brook each year.

A bioswale installed around an already existing depression around the perimeter of the property would remediate 35.5% of the site's impervious cover and could remove 28.2 pounds of pollutants from Devil's Brook annually and restore 1.10 million gallons of water to the natural water cycle.

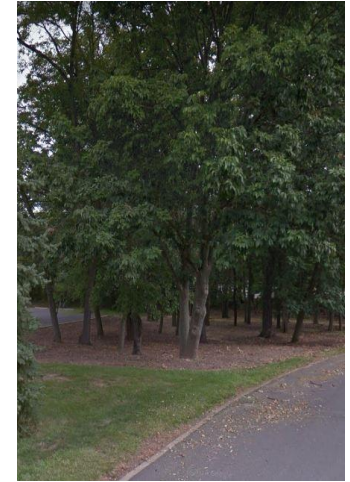


Table 1: Site Information

Impervious Cover		Existing Annual Loads (lb/yr)			Runoff Volume (gal)		
Square Footage	Percentage	TP	TN	TSS	Water Quality Storm	Two Year Storm	Annual Rainfall
111,508	52.2%	5.38	56.32	511.98	86,890	229,389	3,262,882

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	6,546	0.19	0.99	27.05	81,342	1,099,174	\$32,728.30
Total	6,546	0.19	0.99	27.05	81,342	1,099,174	\$32,728.30



ZENSAR TECHNOLOGIES 103 COLLEGE ROAD EAST

-  Property Line
-  Drainage Area
-  Bioswale

