BERLIN TOWNSHIP: GREEN INFRASTRUCTURE SITES



SITES WITHIN THE BIG TIMBER CREEK NORTH BRANCH SUBWATERSHED

1. Berlin Park

2. Berlin Township Senior Citizens

SITES WITHIN THE GREAT EGG HARBOR RIVER SUBWATERSHED

- 3. Berlin Township Police Department
- 4. Farmers Insurance James Watkins
- 5. Fellowship Baptist Church
- 6. Fire District 1 Berlin Township

BERLIN PARK



Subwatershed:	Big Timber Creek
Site Area:	625,645 sq. ft.
Address:	190 Lucas Avenue West Berlin, NJ 08091
Block and Lot:	Block 515, Lot 1



A large section of parking spaces can be converted to porous asphalt to capture and infiltrate stormwater runoff from the parking lot. A cistern can be installed near the center building for non-potable reuse of stormwater. A rain garden can be installed in the turfgrass area between multiple walkways to capture, treat, and infiltrate stormwater runoff. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervio	ous Cover	Exis Imperv	sting Loads f vious Cover	from (lbs/yr)	Runoff Volume from Impervious Cover (Mgal)		
%	sq. ft.	ТР	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 44"	
21	129,020	6.2	65.2	592.4	0.101	3.54	

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	0.045	8	3,330	0.13	435	\$2,175
Pervious pavement	0.233	39	17,190	0.65	1,600	\$40,000
Rainwater harvesting	0.008	1	500	0.02	500 (gal)	\$1,000





Berlin Park

- bioretention system
- pervious pavement
 - rainwater harvesting
- **C** drainage area
- [] property line
 - 2015 Aerial: NJOIT, OGIS

100'

50

BERLIN TOWNSHIP SENIOR CITIZENS



Subwatershed:	Big Timber Creek
Site Area:	152,830 sq. ft.
Address:	240 Pine Avenue West Berlin, NJ 08091
Block and Lot:	Block 527, Lot 6



Two downspout planter boxes can be installed in the corner of the building to treat the stormwater runoff from the rooftop. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervio	ous Cover	Exis Imperv	sting Loads f vious Cover	rom (lbs/yr)	Runoff Volume from Impervious Cover (Mgal)		
%	sq. ft.	ТР	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 44"	
25	38,810	1.9	19.6	178.2	0.030	1.06	

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 (units)	Estimated Cost
Planter boxes	n/a	2	n/a	n/a	2 (boxes)	\$2,000





Berlin Township Senior Citizens

planter box

drainage area

[] property line

2015 Aerial: NJOIT, OGIS



BERLIN TOWNSHIP POLICE DEPARTMENT



Subwatershed:	Great Egg Harbor River
Site Area:	142,610 sq. ft.
Address:	135 NJ-73 West Berlin, NJ 08091
Block and Lot:	Block 1402, Lot 1.01



A rain garden can be installed in the existing detention basin to capture, treat, and infiltrate the stormwater runoff from the parking lot. A section of parking spaces north of the building can be converted to porous pavement to capture and infiltrate runoff from surrounding parking lot areas. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervio	ous Cover	Exis Imperv	sting Loads f vious Cover	`rom (lbs/yr)	Runoff Volume from In	npervious Cover (Mgal)
%	sq. ft.	ТР	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 44"
81	115,575	5.6	58.4	530.6	0.090	3.17

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	0.219	37	16,140	0.61	2,105	\$10,525
Pervious pavement	0.113	19	8,290	0.31	800	\$20,000





Berlin Township Police Department

- bioretention system
- pervious pavement
- C drainage area
- [] property line
 - 2015 Aerial: NJOIT, OGIS



FARMERS INSURANCE – JAMES WATKINS



Subwatershed:	Great Egg Harbor River
Site Area:	37,965 sq. ft.
Address:	399 NJ-73 West Berlin, NJ 08091
Block and Lot:	Block 1101, Lots 1 & 2



A rain garden can be installed north of the building to capture, treat, and infiltrate stormwater runoff from the rooftop. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervio	ous Cover	Exis Imperv	sting Loads f vious Cover	rom (lbs/yr)	Runoff Volume from Impervious Cover (Mgal)		
%	sq. ft.	ТР	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 44"	
81	30,690	1.5	15.5	140.9	0.024	0.84	

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	0.016	3	1,210	0.05	160	\$800





Farmers Insurance -James Watkins

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



FELLOWSHIP BAPTIST CHURCH



Subwatershed:	Great Egg Harbor River
Site Area:	163,265 sq. ft.
Address:	22 Zulker Avenue West Berlin, NJ 08091
Block and Lot:	Block 102, Lot 13



Two rain gardens can be installed south of the building to capture, treat, and infiltrate stormwater runoff from the rooftop. A preliminary soil assessment suggests that more soil testing would be required before determining the soil's suitability for green infrastructure.

Impervio	ous Cover	Exis Imperv	sting Loads f vious Cover	rom (lbs/yr)	Runoff Volume from Impervious Cover (Mgal)				
%	sq. ft.	ТР	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 44"			
21	34,760	1.7	17.6	159.6	0.027	0.95			

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 systems	0.123	21	9,070	0.34	1,180	\$5,900	





Fellowship Baptist Church

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



FIRE DISTRICT 1 BERLIN TOWNSHIP



Subwatershed:	Great Egg Harbor River
Site Area:	19,125 sq. ft.
Address:	186 Haddon Avenue West Berlin, NJ 08091
Block and Lot:	Block 615, Lot 5



A section of parking spaces can be converted to porous asphalt to capture and infiltrate stormwater runoff from the parking lot. A cistern can be installed to the north of the building to capture stormwater runoff from the rooftop for non-potable uses such as washing vehicles. A preliminary soil assessment suggests that the soils have suitable drainage characteristics for green infrastructure.

Impervio	ous Cover	Exis Imperv	sting Loads f vious Cover	rom (lbs/yr)	Runoff Volume from In	npervious Cover (Mgal)
%	sq. ft.	ТР	TN	TSS	For the 1.25" Water Quality Storm	For an Annual Rainfall of 44"
67	12,835	0.6	6.5	58.9	0.010	0.35

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	0.080	13	5,920	0.22	600	\$15,000	
Rainwater harvesting	0.028	5	1,000	0.04	1,000 (gal)	\$2,000	





Fire District 1 Berlin Township

- pervious pavement
- rainwater harvesting
- **C** drainage area
- **[]** property line
 - 2015 Aerial: NJOIT, OGIS



		i							Evicting Annual Londo (Commonoial)		Runoff Volumes from I.C.		Runoff Volumes from I.C.		
		1					I.C.	I.C.	Existing Ai	inuai Loads (Commercial	Water Quality Storm		Water Quality Storm	
	Subwatershed/Site Name/Total Site Info/GI Practice	Area	Area	Block	Lot	I.C.	Area	Area	TP	TN	TSS	(1.25" over 2-hours)	Annual	(1.25" over 2-hours)	Annual
		(ac)	(SF)			%	(ac)	(SF)	(lb/yr)	(lb/yr)	(lb/yr)	(cu.ft.)	(cu.ft.)	(Mgal)	(Mgal)
	Big Timber Creek North Branch Sites	17.87	778,475				3.85	167,830	8.1	84.8	770.6	17,482	615,377	0.131	4.60
1	Berlin Park Total Site Info	14.36	625,645	515	1	20.6219	2.96	129,020	6.2	65.2	592.4	13,440	473,073	0.101	3.54
2	Berlin Township Senior Citizens Total Site Info	3.51	152,830	527	6	25.3942	0.89	38,810	1.9	19.6	178.2	4,043	142,303	0.030	1.06
	Great Egg Harbor River Sites	8.33	362,965				4.45	193,860	9.3	97.9	890.1	20,194	710,820	0.151	5.32
3	Berlin Township Police Department Total Site Info	3.27	142,610	1402	1.01	81.0427	2.65	115,575	5.6	58.4	530.6	12,039	423,775	0.090	3.17
4	Farmers Insurance - James Watkins Total Site Info	0.87	37,965	1101	1,2	80.8376	0.70	30,690	1.5	15.5	140.9	3,197	112,530	0.024	0.84
5	Fellowship Baptist Church Total Site Info	3.75	163,265	102	13	21.2905	0.80	34,760	1.7	17.6	159.6	3,621	127,453	0.027	0.95
6	Fire District 1 Berlin Township Total Site Info	0.44	19,125	615	5	67.1111	0.29	12,835	0.6	6.5	58.9	1,337	47,062	0.010	0.35

Summary of Proposed Green Infrastructure Practices

$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			Potential Mar	nagement Area			Max Volume	Peak Discharge					
Subscience/GSite Name/Total Site Info/GI Practice Area (SF) Area (ac) Protential (Mgallyr) Potential (Bbryr) Potential (galstorm) Potential (galstorm) Potential (gf) BMP Cost (Sunit) Unit Cost (S) Tranted (S) Rig Timber Creek North Branch Sites 11,405 0.26 0.286 49 21,020 0.80 S45,175 7% 1 Berlin Park Bioreletition system 1,735 0.04 0.045 8 3,330 0.13 435 S5 SF \$2,175 1% Perious pavement 8,960 0.21 0.233 39 0.13 435 S5 SF \$40,000 7% Total Site Info 10.995 0.25 0.286 48 21,020 0.800 S1 500 52 gal \$10,000 % 2 Rerlin Township Senior Clizeus P 10 0.01 n/a n/a n/a s2,100 hox \$2,000 1% 2 Great Egg Harbor River Sites 22,265					Recharge	TSS Removal	Reduction	Reduction	Size of	Unit		Total	I.C.
Image: construct of system (SF) (ac) (Mgalyr) (Ibs/yr) (gal/sturm) (cfs) (Sumit) (S) % Big Timber Creek North Branch Sites 11,405 0.26 0.286 49 21,020 0.80 \$\$45,175 7% Biorstention system 1,735 0.04 0.045 8 3,330 0.13 435 55 SF \$\$40,000 7% Particin System 1,735 0.04 0.008 1 500 0.02 500 \$22 gal \$1,000 7% Rainwater harvesting 300 0.01 0.008 1 500 0.02 500 \$22 gal \$1,000 7% Total Site Info 10.095 0.25 0.286 48 21,020 0.80 \$22,000 1% \$2,000 1% Total Site Info 0.01 0.000 2 0 0.00 2 \$10 0.00 \$2 \$10 0.00 \$2 \$10 0.00 \$2		Subwatershed/Site Name/Total Site Info/GI Practice	Area	Area	Potential	Potential	Potential	Potential	BMP	Cost	Unit	Cost	Treated
Big Timber Creek North Branch Sites 11,405 0.26 0.286 49 21,020 0.80 545,175 7% I Berlin Park Biorectation system 1,735 0.04 0.045 8 3,330 0.13 435 S5 SF \$2,1,75 1% Pervious paveneut Rainware Harvesting 0.00 0.023 39 17,190 0.65 1,600 \$22 SF \$40,000 7% Total Site Info 0.099 0.25 0.286 48 21,020 0.80 50 52 SF \$40,000 7% Planter boxes 410 0.01 n/a 2 n/a n/a 2 \$1,000 \$2,000 1% \$2,000 1% Planter boxes 410 0.01 n/a 2 0.00 2 \$1,000 \$2,000 1% \$2,000 1% Planter boxes 21,226 0.51 0.580 97 41,630 1.57 \$5 \$5 \$1,002 \$2,000 4%			(SF)	(ac)	(Mgal/yr)	(lbs/yr)	(gal/storm)	(cfs)		(\$/unit)		(\$)	%
1 Berlin Park Biopenetation system 1,735 0.04 0.045 8 3,330 0.13 435 S5 SF S2,175 1% Pervious pavenent 3,00 0.01 0.008 1 500 0.02 500 \$25 \$26 \$57 \$54,000 7% 2 Berlin Township Senior Citizes 10,999 0.25 0.286 48 21,020 0.00 2 \$1,000 \$52,000 \$1% \$34,317 9% 2 Berlin Township Senior Citizes 410 0.01 n/a 2 n/a n/a 2 \$1,000 bax \$2,000 1% 7 total Site Info 410 0.01 n/a 2 0 0.00 2 \$1,000 bax \$2,000 1% 7 total Site Info 410 0.01 n/a 2 n/a n/a 2 \$1,000 bax \$2,000 1% 7 total Site Info 410 0.01 0.000 2 0 0.00 55 SF \$50,000 7% \$54,225		Big Timber Creek North Branch Sites	11,405	0.26	0.286	49	21,020	0.80				\$45,175	7%
Biorecention system 1.735 0.04 0.045 8 3.330 0.13 435 55 SF 52,175 1% Pervious pavement 8.960 0.21 0.233 39 17,190 0.65 1,600 525 SF \$40,000 7% Rainwater harvesting 300 0.01 0.008 1 500 0.02 500 52 SF \$40,000 7% Rainwater harvesting 10.995 0.25 0.286 48 21,020 0.80 2 SI,000 box \$2,000 1% Intal Site Info 410 0.01 n/a 2 n/a n/a 2 \$1,000 box \$2,000 1% Total Site Info 410 0.01 n.000 2 0 0.00 2 \$1,000 \$2,000 1% Berlin Township Police Department 54,125 0.58 97 41,630 1.57 \$54,225 11% Berlin Township Police Department 54,120	1	Berlin Park											
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Rainwater harvesting 300 0.01 0.008 1 500 0.02 500 \$2. gal \$1,000 0% Total Site Info 10,995 0.25 0.286 48 21,020 0.80 0.80 500 \$2. gal \$1,000 0% 2 Berlin Township Senior Citizens " " " " \$2.000 box \$2,000 1% 7 total Site Info 410 0.01 0.000 2 0 0.00 2 \$1,000 box \$2,000 1% 3 Berlin Township Police Department " " * \$5		Pervious pavement	8,960	0.21	0.233	39	17,190	0.65	1,600	\$25	SF	\$40,000	7%
Total Site Info 10,995 0.25 0.286 48 21,020 0.80 S43,175 9% 2 Berlin Township Senior Citizens Planter boxes 410 0.01 n/a 2 n/a n/a 2 \$1,000 box \$2,000 1% 7 total Site Info 410 0.01 n/a 2 0 0.00 2 0 0.00 1% \$2,000 1% \$2,000 1% 6 creat Egg Harbor River Sites 22,265 0.51 0.580 97 41,630 1.57 55 SF \$10,525 11% 3 Berlin Township Police Department 8,415 0.19 0.219 37 16,140 0.61 2,105 \$5 SF \$20,002 4% Pervious pavement 4,320 0.10 0.113 19 8,210 0.92 \$55 SF \$20,002 4% \$30,525 11% \$30,525 11% \$30,525 11% \$30,525 11% \$30,525 11% \$30,525 11% \$30,525 \$5F \$800 2% \$30,525 \$5F		Rainwater harvesting	300	0.01	0.008	1	500	0.02	500	\$2	gal	\$1,000	0%
2 Berlin Township Senior Citizens 410 0.01 n/a 2 n/a n/a 2 \$1,000 box \$2,2000 1% 7 total Site Info 410 0.01 0.000 2 0 0.00 2 0 0.00 box \$2,000 1% 7 total Site Info 22,265 0.51 0.580 97 41,630 1.57 554,225 11% 3 Berlin Township Police Department 8,415 0.19 0.219 37 16,140 0.61 2,105 \$5 \$5F \$50,000 4% 4 7 total Site Info 4,320 0.10 0.113 19 8,290 0.31 800 \$25 \$5F \$50,000 4% 5 Fortial Site Info 12,735 0.29 0.332 56 24,430 0.92 160 \$5 \$5F \$50,000 4% 5 Fortial Site Info 630 0.01 0.016 3 1,210 0.05 160 \$5 \$5F \$5,900 14% 6 Felowship Baptist Church		Total Site Info	10,995	0.25	0.286	48	21,020	0.80				\$43,175	9%
Planter boxes 410 0.01 n/a 2 n/a n/a 2 \$1,000 box \$2,000 1% Total Site Info 410 0.01 0.000 2 0 0.00 2 0 0.00 2 \$1,000 \$2,000 1% Great Egg Harbor River Sites 22,265 0.51 0.580 97 41,630 1.57 55 SF \$10,525 7% 3 Berlin Township Police Department 8,415 0.19 0.219 37 16,140 0.61 2,105 \$5 SF \$10,525 7% 9 9,200 0.31 800 52 SF \$10,525 7% 9 9,230 0.32 56 24,430 0.92 0.31 800 \$25 SF \$30,525 11% 4 Farmers Insurance - James Watkins Bioretention system 630 0.01 0.016 3 1,210 0.05 160 \$5 SF \$5,900 14% 5 Fellowship Baptist Church Bioretention systems 4,725 0.11 0.123 21<	2	Berlin Township Senior Citizens											
Total Site Info 410 0.01 0.000 2 0 0.00 S2,000 1% Great Egg Harbor River Sites 22,265 0.51 0.580 97 41,630 1.57 S5 S5 S1 1% Bioretention system 8,415 0.19 0.219 37 16,140 0.61 2,105 \$5 SF \$10,525 7% Pervious pavement 4,320 0.10 0.113 19 8,290 0.31 800 \$25 SF \$20,000 4% 4 Farmers Insurance - James Watkins 630 0.01 0.016 3 1,210 0.05 160 \$5 SF \$800 2% 5 Fellowship Baptist Church 630 0.01 0.123 21 9,070 0.34 1,180 \$5 SF \$5,900 14% 6 Fire District I Berlin Township 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 SF \$5,900 14% 6 Fire District I Berlin Township 4,725 0.11 0.123		Planter boxes	410	0.01	n/a	2	n/a	n/a	2	\$1,000	box	\$2,000	1%
Great Egg Harbor River Sites 22,265 0.51 0.580 97 41,630 1.57 \$54,225 11% 3 Bioretention system Pervious pavement Total Site Info 8,415 0.19 0.219 37 16,140 0.61 2,105 \$55 \$5F \$10,525 7% 4 Farmers Insurance - James Watkins Bioretention system Total Site Info 630 0.01 0.016 3 1,210 0.05 160 \$55 \$F \$800 2% 5 Fellowship Baptist Church Bioretention systems Total Site Info 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 \$F \$5,900 14% 6 Fire District 1 Berlin Township Rainwater harvesting 3,085 0.07 0.080 13 \$5,920 0.22 600 \$25 \$F \$15,000 24% 6 Fire District 1 Berlin Township Rainwater harvesting 1,090 0.30 0.028 5 1000 0.04 1,000 \$2 \$2 \$14% 701 0.109 18 6,920 0.22 600 \$25 \$F \$15,000		Total Site Info	410	0.01	0.000	2	0	0.00				\$2,000	1%
3 Berlin Township Police Department Bioretention system 8,415 0.19 0.219 37 16,140 0.61 2,105 \$5 \$SF \$10,525 7% Pervious pavement 4,320 0.10 0.113 19 8,290 0.31 800 \$25 \$SF \$20,000 4% 7 total Site Info 12,735 0.29 0.332 56 24,430 0.92 \$S \$S<		Great Egg Harbor River Sites	22,265	0.51	0.580	97	41,630	1.57				\$54,225	11%
Bioretention system 8,415 0.19 0.219 37 16,140 0.61 2,105 \$5 SF \$10,525 7% Pervious pavement 4,320 0.10 0.113 19 8,290 0.31 800 \$25 SF \$20,000 4% Total Site Info 12,735 0.29 0.32 56 24,430 0.92 SF \$\$20,025 11% 4 Farmers Insurance - James Watkins Bioretention system 630 0.01 0.016 3 1,210 0.05 160 \$\$ SF \$\$800 2% 5 Fellowship Baptist Church Bioretention systems 4,725 0.11 0.123 21 9,070 0.34 1,180 \$\$ <	3	Berlin Township Police Department											
Pervious parement 4,320 0.10 0.113 19 8,290 0.31 800 \$25 SF \$20,000 4% Total Site Info 12,735 0.29 0.332 56 24,430 0.92 0.31 800 \$25 SF \$20,000 4% 4 Farmers Insurance - James Watkins 630 0.01 0.016 3 1,210 0.05 160 \$5 SF \$800 2% 7 total Site Info 630 0.01 0.016 3 1,210 0.05 160 \$5 SF \$800 2% 5 Fellowship Baptist Church Sioretention systems 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 SF \$5,900 14% 6 Fire District 1 Berlin Township Pervious pavement 3,085 0.07 0.080 13 5,920 0.22 600 \$25 SF \$15,000 24% 6 Fire District 1 Berlin Township Pervious pavement 3,085 0.07 0.080 13 5,920 0.22 600		Bioretention system	8,415	0.19	0.219	37	16,140	0.61	2,105	\$5	SF	\$10,525	7%
Total Site Info 12,735 0.29 0.332 56 24,430 0.92 \$30,525 11% 4 Farmers Insurance - James Watkins Bioretention system 630 0.01 0.016 3 1,210 0.05 160 \$5 \$F \$800 2% 7 total Site Info 630 0.01 0.016 3 1,210 0.05 160 \$5 \$F \$\$800 2% 5 Fellowship Baptist Church Bioretention systems 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 \$F \$5,900 14% 6 Fire District 1 Berlin Township Pervious pavement Rainwater harvesting 3,085 0.07 0.080 13 5,920 0.22 600 \$25 \$F \$15,000 24% Rainwater harvesting 1,090 0.03 0.028 5 1,000 0.04 1,000 \$2 gal \$2,000 8% 70tal Site Info 4,175 0.10 0.109 18 6,920 0.26 10.00 \$2 gal \$2,000 8%		Pervious pavement	4,320	0.10	0.113	19	8,290	0.31	800	\$25	SF	\$20,000	4%
4 Farmers Insurance - James Watkins Bioretention system 630 0.01 0.016 3 1,210 0.05 160 \$5 SF \$800 2% 7 Total Site Info 630 0.01 0.016 3 1,210 0.05 160 \$5 SF \$800 2% 5 Fellowship Baptist Church 5 SF 0.11 0.123 21 9,070 0.34 1,180 \$5 SF \$5,900 14% 6 Fire District 1 Berlin Township 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 SF \$5,900 14% 6 Fire District 1 Berlin Township 9,070 0.34 1,180 \$5 SF \$1,000 24% Rainwater harvesting 1,090 0.03 0.028 5 1,000 0.04 1,000 \$2 gal \$2,000 8% 7 total Site Info 4,175 0.10 0.109 18 6,920 0.26 0.26 \$1,000 \$2 gal \$2,000 8% <td></td> <td>Total Site Info</td> <td>12,735</td> <td>0.29</td> <td>0.332</td> <td>56</td> <td>24,430</td> <td>0.92</td> <td></td> <td></td> <td></td> <td>\$30,525</td> <td>11%</td>		Total Site Info	12,735	0.29	0.332	56	24,430	0.92				\$30,525	11%
Bioretention system 630 0.01 0.016 3 1,210 0.05 160 \$5 \$F \$800 2% Total Site Info 630 0.01 0.016 3 1,210 0.05 160 \$5 \$F \$800 2% 5 Fellowship Baptist Church Bioretention systems 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 \$F \$5,900 14% 6 Fire District 1 Berlin Township Pervious pavement Rainwater harvesting 3,085 0.07 0.080 13 5,920 0.22 600 \$25 \$F \$15,000 24% 7 total Site Info 1,090 0.03 0.028 5 1,000 0.04 1,000 \$2 gal \$2,000 8% 7 total Site Info 4,175 0.10 0.109 18 6,920 0.26 0.26 \$100 \$2 gal \$2,000 8%	4	Farmers Insurance - James Watkins											
Total Site Info 630 0.01 0.016 3 1,210 0.05 \$800 2% 5 Fellowship Baptist Church Bioretention systems 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 \$5 \$5,900 14% 7 total Site Info 4,725 0.11 0.123 21 9,070 0.34 1,80 \$5 \$5 \$5,900 14% 6 Fire District 1 Berlin Township		Bioretention system	630	0.01	0.016	3	1,210	0.05	160	\$5	SF	\$800	2%
5 Fellowship Baptist Church Bioretention systems 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 \$F \$5,900 14% 7 total Site Info 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 \$F \$5,900 14% 6 Fire District 1 Berlin Township		Total Site Info	630	0.01	0.016	3	1,210	0.05				\$800	2%
Bioretention systems 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 \$F \$5,900 14% Total Site Info 4,725 0.11 0.123 21 9,070 0.34 1,180 \$5 \$F \$5,900 14% 6 Fire District 1 Berlin Township Pervious pavement 3,085 0.07 0.080 13 5,920 0.22 600 \$25 \$F \$15,000 24% Rainwater harvesting 1,090 0.03 0.028 5 1,000 0.04 1,000 \$2 gal \$2,000 8% Total Site Info 4,175 0.10 0.109 18 6,920 0.26 0.26 \$17,000 33%	5	Fellowship Baptist Church											
Total Site Info 4,725 0.11 0.123 21 9,070 0.34 \$5,900 14% 6 Fire District 1 Berlin Township Pervious pavement Rainwater harvesting Total Site Info 3,085 0.07 0.080 13 5,920 0.22 600 \$25 SF \$15,000 24% Rainwater harvesting Total Site Info 1,090 0.03 0.028 5 1,000 0.04 1,000 \$2 gal \$2,000 8% 7 0.10 0.109 18 6,920 0.26 5 \$17,000 33%		Bioretention systems	4,725	0.11	0.123	21	9,070	0.34	1,180	\$5	SF	\$5,900	14%
6 Fire District 1 Berlin Township Pervious pavement 3,085 0.07 0.080 13 5,920 0.22 600 \$25 \$F \$15,000 24% Rainwater harvesting 1,090 0.03 0.028 5 1,000 0.04 1,000 \$2 gal \$2,000 8% Total Site Info 4,175 0.10 0.109 18 6,920 0.26 5 \$17,000 33%		Total Site Info	4,725	0.11	0.123	21	9,070	0.34	·			\$5,900	14%
Pervious pavement3,0850.070.080135,9200.22600\$25\$F\$15,00024%Rainwater harvesting1,0900.030.02851,0000.041,000\$2gal\$2,0008%Total Site Info4,1750.100.109186,9200.265\$17,00033%	6	Fire District 1 Berlin Township											
Rainwater harvesting1,0900.030.02851,0000.041,000\$2gal\$2,0008%Total Site Info4,1750.100.109186,9200.2651,00033%		Pervious pavement	3,085	0.07	0.080	13	5,920	0.22	600	\$25	SF	\$15,000	24%
Total Site Info 4,175 0.10 0.109 18 6,920 0.26 \$17,000 33%		Rainwater harvesting	1,090	0.03	0.028	5	1,000	0.04	1,000	\$2	gal	\$2,000	8%
		Total Site Info	4,175	0.10	0.109	18	6,920	0.26			÷	\$17,000	33%