

Ecosystem Services Improvement Index									
Initiative		Unit	Worst Case Scenario	FY15 Baseline	FY17 Actual	FY 18 Actual	FY 19 Target	FY25 Long Term Target	Best Case Scenario
1	Protection and Conservation of Core Ecosystems								
1a.	Limit development on farmland	Farmland area in acres	277	277.23	277.23	277.23	277.23	280.23	282.23
1b.	Maintain/Restore Floodplains	Percentage of non-developed land in floodplain	40	43.71	43.71	47.58	51.58	80	90
1c.	Maintain/Restore Wetlands	Wetland and urban meadow area in acres	37.7	38.7	55.7	51.94	53.94	75	77.4
1d.	Conserve/Restore forested areas	Forested area in acres	120	124.82	124.82	124.82	125.82	130.82	135.82
1e.	Protect and maintain cultural and historic natural landscapes	Cultural & historic sites in acres	67.01	67.01	67.01	67.01	67.01	70.01	72.01
2	Stormwater Management & Water Quality								
2a.	Improve Stormwater Management	Runoff Curve Number	88.7	88.6	88.6	88.6	87.7	87.3	86.5
2b.	Improve Water Quality through measurement of habitat scores	QHEI							
2c.	Increase Green Infrastructure (GI)	Area of GI features in acres	39.3	39.4	39.4	39.4	42.3	68.95	78.8
3	Vegetation, Soil, & Biodiversity								
3a.	Increase Tree canopy	Percentage of canopy	14	14.34	14.34	14.27	15.27	25	30
3b.	Increase Vegetation (shrubs, lawns)	Percentage of vegetation cover	30	35.11	35.11	35.11	35.91	37.11	40
3c.	Improve soil health across campus	Percentage Urban vs. Natural							
3d.	Conserve biodiversity of wildlife on campus	Biodiversity Number							
4	Quality of Life								
4a.	Support mental restoration, physical activity, and social connection through greenspaces	Area of recreational greenspaces in acres	75	78.45	78.45	77.62	81.25	85.45	93.45
4b.	Support student and faculty research through Living Labs (LL)	Number of LL sites	25	26	26	26	30	90	100
4c.	Reduce urban heat island effects	Temperature Map							
5	Planning for Ecosystem Services								
5a.	Number of projects SITE certified silver	Number of SITES certificaions							

10 Point Scale						
Worst Case Scenario	Best Case Scenario	Baseline	FY17 Actual	FY 18 Actual	FY 19 Target	Long Term Target
0	10					
277	282	0.44	0.44	0.44	0.44	6.2
40	90	0.74	0.74	1.52	2.32	8.0
38	77	0.25	4.53	3.59	4.09	9.4
120	136	3.05	3.05	3.05	3.68	6.8
67	72	0.00	0.00	0.00	0.00	6.0
89	87	0.45	0.45	0.45	4.55	6.4
39	79	0.03	0.03	0.03	0.76	7.51
14	30	0.21	0.21	0.17	0.79	6.9
30	40	5.11	5.11	5.11	5.91	7.1
75	93	1.87	1.87	1.42	3.39	5.7
25	100	0.13	0.13	0.13	0.67	8.7
Average Score		1.12	1.51	1.45	2.42	7.15