

Ecosystem Services Improvement Index													
Initiative	Unit	Worst Case	FY15 Baseline	FY 18 Actual	FY 19 Actual	FY 20 Actual	FY 21 Actual	FY 22 Actual	FY23 Actual	FY 23 Target	FY24 Target	FY25 Long	Best Case Scenario
<b>1 Protection and Conservation of Core Ecosystems</b>													
1a.	Limit development on farmland (acres)	Farmland area in acres	260	290.55	290.61	279.51	279.46	265.22	266.72	265.25	266.72	280.00	290
1b.	Maintain/Restore Floodplains (percent)	Percentage of non-developed land in floodplain	40	43.71	47.58	46.79	46.55	43.09	42.86	45.07	42.86	45.07	95.0
1c.	Maintain/Restore Wetlands (acres)	Wetland and urban meadow area in acres	86	84.42	97.14	99.85	101.81	103.51	101.20	101.66	101.45	101.66	116
1d.	Conserve/Restore forested areas (acres)	Forested area in acres	134	143.59	149.59	143.59	143.59	143.59	143.59	145.46	143.59	145.46	149
1e.	Protect, restore, & maintain cultural and historic natural landscapes (acres)	Cultural, historic, & restoration sites in acres	104	104.44	108.66	117.03	143.40	143.40	140.84	139.77	144.40	140.14	159.00
<b>2 Stormwater Management &amp; Water Quality</b>													
2a.	Improve Stormwater Management (runoff curve number)	Runoff Curve Number	89	88.60	88.60	88.70	88.8	88.1	88.40	88.70	88.40	88.70	87
2b.	Improve Water Quality	<i>In Research Phase</i>											
2c.	Increase Green Infrastructure (acres)	Area of GI features in acres	41	41.85	41.85	43.63	44.21	45.70	45.70	46.10	46.20	46.20	82
<b>3 Vegetation, Soil, &amp; Biodiversity</b>													
3a.	Increase Tree canopy (percent)	Percentage of canopy	14	14.18	14.08	14.08	13.81	13.57	13.96	13.85	13.96	13.85	20.00
3b.	Increase Vegetation (percent)	Percentage of vegetation cover	35	42.39	42.39	41.53	41.72	40.17	40.12	39.07	40.12	39.07	50.00
3c.	Improve soil health across campus	<i>In Research Phase</i>											
3d.	Conserve biodiversity of wildlife on campus	<i>In Research Phase</i>											
<b>4 Quality of Life</b>													
4a.	Support mental restoration, physical activity, and social connection through greenspaces (acres)	Area of recreational greenspaces in acres	150	177.31	176.48	176.86	161.5	159.22	159.22	160.26	159.40	160.26	184
4b.	Support student and faculty research through Living Labs (# of projects)	Number of LL sites	25	26.00	26.00	34.00	41.0	47.0	56.00	60.00	65.00	65.00	125
4c.	Reduce urban heat island effects	<i>In Research Phase</i>											

Ecosystem Services Index Score						
Worst Case Scenario	Best Case Scenario	Baseline	FY 22 Actual	FY23 Actual	FY 24 Target	Long Term Target
0	100					
260	290	101.8%	17.4%	22.4%	22.4%	66.7%
40	95	6.7%	5.2%	9.2%	9.2%	99.1%
86	116	-5.3%	50.7%	52.2%	52.2%	96.7%
134	149	64.0%	63.9%	76.4%	76.4%	63.9%
104	160	0.8%	65.8%	63.9%	64.5%	98.2%
89	87	16.0%	24.0%	12.0%	12.0%	68.0%
41	82	2.1%	11.5%	12.4%	12.7%	97.3%
14	20	10.5%	7.1%	5.4%	5.4%	84.6%
35	50	49.3%	34.1%	27.1%	27.1%	80.0%
150	184	80.3%	27.1%	30.2%	30.2%	97.1%
25	125	1.0%	31.0%	35.0%	40.0%	99.0%

Average Score	29.7%	30.7%	31.5%	32.0%	86.4%
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