

BayStat, GDU Agency Goals and Actions Assessment Dashboard: December 11, 2010

GDU VII: Restore the Health of the Chesapeake Bay by 2020

Program	Lead Agency	Units	TNLRR	Goal, Units by 2011	Goal, Pounds of Nitrogen Reduced by 2011	Current Progress	Pounds of Nitrogen Reduced	% of Goal Achieved	GDU Assessment
GOAL, by 2011	ALL	pounds		3,750,000	3,750,000				
Expected Growth	ALL	acres	3.28	24,303	79,714				
	ALL	septics	12.00	6,000	72,000				
Revised Goal	ALL	pounds			3,901,714				
<b>Total, All Sectors</b>							<b>3,107,731</b>	<b>78%</b>	<b>OT</b>
<b>Agriculture</b>					<b>1,932,240</b>		<b>1,760,648</b>	<b>91%</b>	<b>A</b>
Cover Crops on Private Lands (2010) *	MDA	acres	6.00	145,000	870,000	170,000	1,020,000	117%	A
Cover Crops on Public Lands (2009)	MDA/DNR	acres		7,642		2,581		34%	B
Nutrient Management Plan Enforcement	MDA	acres	3.11	100,000	311,000	99,298	308,817	99%	A
Soil Conservation & Water Quality Plans	MDA	acres	0.62	257,049	159,370	80,798	50,095	31%	CB
Continuous No-Till Conservation	MDA	acres	1.00	150,000	150,000	150,000	150,000	100%	A
Precision Agriculture	MDA	acres	1.00	100,000	100,000	-	-	0%	CB
Heavy Use Poultry Area Concrete Pads	MDA	farms	220	400	88,000	310	68,200	78%	OT
Livestock Waste Structures	MDA	structures	531	145	76,995	81	43,011	56%	OT
Water Control Structures	MDA	structures	600	125	75,000	46	27,600	37%	B
Dairy Manure Incorporation Technology	MDA	acres	8.80	2,500	22,000	1,368	12,038	55%	B
Stream Protection with Fencing	MDA	acres	6.79	3,000	20,370	5,479	37,202	183%	A
Manure Transport	MDA	tons	2.00	10,000	20,000	8,867	17,734	89%	A
Poultry Manure Incorporation Technology	MDA	acres	5.20	2,500	13,000	-	-		CB
Poultry Waste Structures	MDA	structures	210.00	53	11,130	48	10,080	91%	A
Stream Protection without Fencing	MDA	acres	3.40	3,000	10,200	1,502	5,107	50%	CB
Runoff Control Systems	MDA	systems	69.00	75	5,175	156	10,764	208%	A
<b>Urban</b>					<b>1,771,149</b>		<b>1,237,967</b>	<b>70%</b>	<b>OT</b>
Wastewater Treatment Plants ENR	MDE	pounds	1	740,000	740,000	287,310	287,310	39%	B
Urban Nutrient Management Regulations	MDA	acres	1.75	220,000	385,000	220,000	385,000	100%	A
MD Healthy Air Act	MDE	pounds	1	305,882	305,882	305,882	305,882	100%	A
Blue Plains BNR Upgrade	MDE	pounds	1	190,000	190,000	190,000	190,000	100%	A
Stormwater Runoff Management Retrofits	MDE	acres	1.33	90,000	119,700	39,318	52,293	44%	B

Program	Lead Agency	Units	TNLRR	Goal, Units by	Goal, Pounds of Nitrogen	Current Progress	Pounds of Nitrogen Reduced	% of Goal Achieved	GDU Assessment
				2011	2011				
Septic Retrofits Inside of Critical Area	MDE	systems	12.16	1,080	13,133	928	11,285	86%	A
Septic Retrofits Outside of Critical Area	MDE	systems	5.23	1,920	10,042	1,169	6,114	61%	OT
Septic Hookups to WWTPs	MDE	pounds	1	7,000	7,000	0	-	0%	CB
75 State-owned DNR Septics	DNR	systems	5.23	75	392	16	84	21%	B
<b>Natural Filters on Private Land</b>					<b>251,490</b>		<b>81,972</b>	<b>33%</b>	<b>B</b>
Streamside Grass Buffers	MDA	acres	17.06	7,000	119,420	1,898	32,380	27%	CB
Streamside Forest Buffers	MDA	acres	28.72	3,000	86,160	410	11,775	14%	CB
Wetland Restoration	MDA	acres	28.72	1,000	28,720	532	15,279	53%	B
Retire Highly Erodible Land	MDA	acres	9.55	1,800	17,190	2,360	22,538	131%	A
<b>Natural Filters on Public Land</b>					<b>47,456</b>		<b>27,144</b>	<b>57%</b>	<b>OT</b>
Forest Brigade - 1,000,000 trees	DNR	trees	12.10	1,000,000	18,906	580,000	10,966	58%	OT
Wetland Restoration	DNR	acres	28.72	555	15,940	319	9,162	57%	OT
Streamside Forest Buffers	DNR	acres	28.72	345	9,908	165	4,739	48%	B
Marylanders Plant Trees - 50,000 trees	DNR	trees	12.10	50,000	1,210	49,000	1,186	98%	A
Streamside Grass Buffers	DNR	acres	17.06	69	1,177	64	1,092	93%	A
Grassland	DNR	acres	7.00	45	315	-	-	0%	CB

Cover crop is annual practice, goal is 145,000 acres above baseline of 179,366 (180,000) acres. Progress reflects 70% of 500,000 acres sign-up, or 350,000 acres

Manure transport is annual practice, goal is 10,000 tons above baseline of 35,000 tons transported out of watershed annually

Forest Brigade, assume 640 trees per acre to account for mortality

Marylanders Plant Trees, assume 500 trees per acre

Progress Overall
0-32% Considerably Behind
33-55% Behind
56-80% On Track
≥80% Ahead