



NFWF



Chesapeake Bay Stewardship Fund



## Appendix A

### Applicable Metrics

### Chesapeake Bay Small Watershed Grants Program

Activity/Outcome	Recommended Metric*	Metric Description/Instructions
<b>Water Quality Improvement (All)</b>	<b>CBSF - BMP implementation for nutrient or sediment reduction - Lbs nitrogen/phosphorus/sediment avoided (annually)</b>	Use FieldDoc to develop estimates of the annual nitrogen, phosphorus, and/or sediment load reductions from your proposed project. Enter FieldDoc-generated pollutant load reduction totals in this field then upload your FieldDoc Project Summary in the "Uploads" section.
<b>Water Quality Improvement (Select all that apply)</b>	<b>CBSF - BMP implementation for nutrient or sediment reduction - Acres with BMPs</b>	Enter the total number of acres under agricultural or non-urban BMPs to reduce nutrient or sediment loading. Do not double-count individual acres which have multiple BMPs. If you're implementing load reduction practices on urban lands, report associated outcomes instead under the "CBSF - BMP implementation for stormwater runoff - Acres with BMPs" metric. Do not include cover crops, conservation tillage, enhanced cropland nutrient management, or managed grazing.
	<b>CBSF - BMP implementation for nutrient or sediment reduction - Acres with cover crops</b>	Enter the number of cropland acres with cover crops practices. Describe the cover crop practices in the NOTES section.
	<b>CBSF - BMP implementation for nutrient or sediment reduction - Acres with conservation tillage</b>	Enter the number of cropland acres with conservation tillage practices. Describe conservation tillage practices in the NOTES section.
	<b>CBSF - BMP implementation for nutrient or sediment reduction - Acres with enhanced nutrient management</b>	Enter the number of cropland acres with enhanced nutrient management practices other than or in addition to conservation tillage or cover crops. Describe the nutrient management practices in the NOTES section.
	<b>CBSF - BMP implementation for nutrient or sediment reduction - Acres with managed grazing</b>	Enter the number of acres with managed grazing (i.e., promoting plant growth above and below ground, improving wildlife habitat, and maximizing soil carbon through a variety of grazing approaches). Describe the grazing practices in the NOTES section.
	<b>CBSF - BMP implementation for stormwater runoff - Acres with BMPs</b>	Enter total drainage area treated by stormwater BMPs. If you wish to also provide the extent of specific BMPs themselves (i.e. square feet of bioretention), do so in the "NOTES" section.
	<b>CBSF - BMP implementation for stormwater runoff - Volume stormwater prevented</b>	Enter the number of gallons of stormwater runoff treated through stormwater BMPs (e.g. runoff treatment volume).
	<b>CBSF- Nature-based Infrastructure - number of trees planted</b>	Enter the number of trees planted for urban stormwater reduction. In the NOTES section, specify the landcover type prior to planting (barren, cropland, grassland, shrubland), # of acres, and average # of trees per acre.



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Activity/Outcome	Recommended Metric*	Metric Description/Instructions
Stream and Riparian Restoration and Conservation (Select all that apply)	CBSF - Riparian restoration - Miles restored	Enter the number of miles of riparian habitat restored through the implementation of forest or grass buffers that are at least 35 feet wide. If you're implementing livestock exclusion, report associated outcomes instead under the "CBSF - BMP implementation for livestock exclusion -- miles of fencing installed" metric. In the NOTES section, specify the landcover type prior to planting (barren, cropland, grassland, shrubland), the % of vegetation on the pre-project site (0-20%, 21-40%, 41-60%, 61-80%, 81-100%), the dominant vegetation being planted (Broadleaf, Conifer, Shrub, Grass, Marsh, Swamp), the buffer width, and the acres.
	CBSF - BMP implementation for livestock fencing - Miles of fencing installed	Enter the number of miles of livestock exclusion fencing installed. Assume activities include exclusion fencing and a 35-foot forest or grass buffer, unless otherwise noted.
	CBSF - Stream restoration - Miles restored	Enter the number of miles of stream restored for nutrient and sediment load reduction, consistent with qualifying conditions and restoration protocols established by the CBP.
	CBSF - Instream restoration - Miles restored	Enter the number of miles of instream habitat restoration activities not otherwise creditable for nutrient and sediment load reduction, consistent with qualifying conditions and restoration protocols established by the Chesapeake Bay Program. Projects implementing qualifying stream restoration practices for TMDL crediting should instead report those outcomes instead through the "CBSF - stream restoration - miles restored" metric.
	CBSF - Floodplain restoration - Acres restored	Enter the number of acres of floodplain restored for nutrient and sediment load reduction, consistent with qualifying conditions and restoration protocols established by the CBP. In the NOTES, indicate the % of vegetation on the pre-project site (0-20%, 21-40%, 41-60%, 61-80%, 81-100%) and the dominant vegetation being restored (Broadleaf, Conifer, Shrub, Grass, Marsh, Swamp). Also report any associated linear stream restoration outcomes through the "CBSF - Stream restoration - Miles restored" metric.
	CBSF - Wetland restoration - Acres restored	Enter the number of acres of wetland habitat restored, created, or enhanced. In the NOTES section, specify the landcover prior to restoration (Marsh, Tidal marsh, Wet meadow, Swamp) and indicate % of vegetation on pre-project site (0-20%, 21-40%, 41-60%, 61-80%, 81-100%).
Aquatic Habitat Connectivity and Restoration (Select all that apply)	CBSF - Fish passage improvements - Miles of stream opened	Enter the number of miles of stream habitat opened to fish populations through dam removals, culvert replacement, or other fish passage improvements. A mile opened is defined as number of new miles that restoration makes accessible for aquatic species. Only include the miles of main stem & smaller tributaries connected until the next barrier upstream (or headwaters), but NOT lakes, ponds, or distance downstream from the barrier removed. Consider utilizing the CBP's <a href="#">Fish Passage Prioritization Tool</a> to assess potential outcomes.
Terrestrial Habitat Connectivity, Conservation, and Restoration (Select all that apply)	CBSF - Conservation easements - Acres protected under easement	Enter the number of acres protected under long-term easement (permanent or >30-yr). Assuming the specific parcel(s) has been identified, in the NOTES indicate what % of natural land cover would have been cleared in the absence of the easement(s).
Tidal and Estuarine Habitat Connectivity, Conservation, and Restoration (Select all that apply)	CBSF - American oyster - Marine habitat restoration - Acres restored	Enter the number of acres of native oyster reef restored.
	CBSF - Wetland restoration - Acres restored	Enter the number of acres of wetland habitat restored, created, or enhanced. In the NOTES section, specify the landcover prior to restoration (Marsh, Tidal marsh, Wet meadow, Swamp) and indicate % of vegetation on pre-project site (0-20%, 21-40%, 41-60%, 61-80%, 81-100%).
	CBSF - Fish passage improvements - Miles of stream opened	Enter the number of miles of stream habitat opened to fish populations through dam removals, culvert replacement, or other fish passage improvements. A mile opened is defined as number of new miles that restoration makes accessible for aquatic species. Only include the miles of main stem & smaller tributaries connected until the next barrier upstream (or headwaters), but NOT lakes, ponds, or distance downstream from the barrier removed. Consider utilizing the CBP's <a href="#">Fish Passage Prioritization Tool</a> to assess potential outcomes.



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	<b>CBSF - Erosion control - Miles restored</b>	Enter the number of miles of tidal shoreline stabilized or restored through erosion control, including living shoreline restoration. Projects implementing qualifying stream restoration practices for TMDL crediting should report those outcomes instead through the "CBSF - Stream restoration - Miles restored" metric.
	<b>CBSF - Conservation easements - Acres protected under easement</b>	Enter the number of acres protected under long-term easement (permanent or >30-yr). Assuming the specific parcel(s) has been identified, in the NOTES indicate what % of natural land cover would have been cleared in the absence of the easement(s).
<b>Capacity Building and Partnership Development</b> (Select all that apply)	<b>CBSF - Outreach/Technical Assistance - # people reached</b>	Enter the number of individuals reached by outreach, training, or technical assistance activities. In the "NOTES" section, provide a summary of how individuals are reached (newsletter mailing list total, training attendance, etc.).
	<b>CBSF - Outreach/Technical Assistance - # people with changed behavior</b>	Enter the number of individuals measured as demonstrating changed behavior to benefit watershed restoration and protection. In the "NOTES" section, provide a summary of how behavior change will be measured and tracked. If you have questions on whether your project contains behavior change activities, please contact NFWF staff.
	<b>CBSF - Volunteer participation - # volunteers participating</b>	Enter the number of volunteers participating in project implementation, outreach, and education activities.
	<b>Number of jobs created</b>	Enter the # of individuals hired to directly work on the project (non-volunteers). Jobs should be directly engaged in grant activities, funded by the grant, and shouldn't have existed prior to the grant. The starting value for this metric should be zero and target value should be a whole number. In the NOTES section, provide the FTE for the jobs created.
	<b>Number of jobs sustained</b>	Enter the # of paid jobs that are partially or fully sustained through this grant. The starting value for this metric should be zero and target value should be a whole number. Jobs should have existed prior to the grant, be funded by the grant, and be directly engaged in project activities.
	<b>Number of participants receiving gov't agency cost share or financial assistance</b>	Enter the number of participants enrolled in government cost share or financial assistance programs. In the NOTES section, specify which program(s) (e.g., NRCS EQIP), how you will track enrollment. This should be equal to or less than the "number people with changed behavior"
	<b>Dollar value of government agency cost share or financial assistance</b>	Enter the dollar value of federal, state, or local government agency cost share or financial assistance. In the NOTES section, specify which program(s) (e.g., NRCS EQIP) and how the value was estimated.
	<b>Acres covered by government agency cost share or financial assistance</b>	Enter the number of acres covered by federal, state, or local government agency cost share or financial assistance. In the NOTES section, specify which program(s) (e.g., NRCS EQIP).
	<b>Number of people with changed behavior</b>	Enter the number of producers implementing new conservation practices with or without federal, state, local, or private financial assistance. This should be equal to or greater than the "# of participants receiving gov't agency cost share or financial assistance" metric.
* <i>Easygrants</i> metrics should be consistent with data entered into and/or derived from the FieldDoc platform.		