

APPENDIX B

HABITAT RESTORATION		
Project Activity	Recommended Metric	Additional Guidance
Beach habitat quality improvements	Miles restored	Enter the number of miles of restored or protected beach/shoreline habitat; do not double count with erosion/acres restored. In the NOTES, indicate whether vegetation is being planted.
Erosion control	Acres restored	Enter the number of acres restored; enter specific type of coastal/shoreline habitat and restoration in NOTES section.
Fish passage improvements	# of barriers assessed and/or with design plans	Enter the # of in-stream barriers with assessments or engineering and design plans completed through this grant. A barrier is any artificial in-stream structure (e.g., culverts, dams, dikes, fords, pipes, weirs) that may obstruct aquatic organism passage.
Fish passage improvements	# barriers rectified	Enter the number of fish passage barriers rectified through dam removals, culvert replacements, or other fish passage improvements ; enter species benefiting in NOTES section; if improving or increasing eastern brook trout patch sizes, specify in NOTES section.
Fish passage improvements	Miles of stream opened	A mile opened is defined as the number of new miles that restoration makes accessible for aquatic species. Enter the number of miles of stream opened to improve aquatic habitat connectivity; if Lake or Pond specify in NOTES section; if improving or increasing eastern brook trout patch sizes, specify in NOTES section.
Floodplain restoration	Acres restored	Enter the number of floodplain acres restored. 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).
Instream restoration	Miles restored	Enter the number of miles restored; briefly indicate the type of restoration in the NOTES section.
Land, wetland restoration	# trees planted	Enter the number of trees planted and sustained (tree plantings that are urban/green infrastructure can also be included). In the NOTES section, specify the landcover type prior to planting (barren, cropland, grassland, shrubland), # of acres, forest type planted (broadleaf, conifer, redwood, swamp--either broadleaf or conifer), density per acre, and mortality rate. Do not include any additional trees planted to replace mortality in the numerical metric value.
Living shorelines	Linear feet restored	Enter the # of linear feet of living shorelines restored.
Riparian restoration	Acres restored	Enter the number of riparian acres restored, including riparian buffers. In the NOTES section, specify the landcover type prior to planting (barren, cropland, grassland), the dominant vegetation being planted (Broadleaf, Conifer, Shrub, Grass, Marsh, Wet meadow, Swamp), and the average width of the riparian buffer. DO NOT include instream restoration miles in this measurement. If selecting this metric, please select BOTH riparian acres restored and riparian miles restored.
Riparian restoration	Miles restored	Enter the number of riparian miles restored, including riparian buffers. In the NOTES section, specify the landcover type prior to planting (barren, cropland, grassland), the dominant vegetation being planted (Broadleaf, Conifer, Shrub, Grass, Marsh, Wet meadow, Swamp), and the average width of the riparian buffer. DO NOT include instream restoration miles in this measurement. If selecting this metric, please select BOTH riparian miles restored and riparian acres restored.
Tidal marsh restoration	Acres restored	Enter # acres of salt marsh habitat restored. Do not double count with acres of wetland restored.



Wetland restoration	Acres restored	Enter # acres of WETLAND (not riparian or instream) habitat restored. In the NOTES, specify 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%).
HABITAT MANAGEMENT		
Project Activity	Recommended Metric	Additional Guidance
BMP implementation	Miles of stream with reduced and/or protected water temperature	Enter the number of stream miles with BMPs to reduce and/or protect water temperature. Use the NOTES section to describe the actual degree decrease (or maintenance) of temperature.
BMP implementation for fencing improvements	Miles of livestock fencing improved or installed	Enter miles of livestock fencing and indicate type of improvements or if the fencing is new construction in the NOTES section.
BMP implementation for nutrient or sediment reduction	Acres with BMPs	Enter number of acres; indicate the type of BMP(s) (e.g. manure storage, barnyard practices) and indicate method of calculating reduction in NOTES section. Please see the DWCF toolbox on the website for calculation resources. DO NOT include cover crops, conservation tillage, enhanced cropland nutrient management, or managed grazing.
BMP implementation for nutrient or sediment reduction	Acres with cover crops	Enter the number of cropland acres with cover crops practices. Please describe the cover crop practices in the NOTES section.
BMP implementation for nutrient or sediment reduction	Acres with conservation tillage	Enter the number of cropland acres with conservation tillage practices. Please describe conservation tillage practices in the NOTES section.
BMP implementation for nutrient or sediment reduction	Acres with enhanced nutrient management	Enter the number of cropland acres with enhanced nutrient management practices other than or in addition to conservation tillage or cover crops. Please describe the nutrient management practices in the NOTES section.
BMP implementation for nutrient or sediment reduction	Acres with managed grazing	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). Please describe the grazing practices in the NOTES section.
BMP implementation for nutrient or sediment reduction	Lbs N avoided (annually)	Please use FieldDoc to develop estimates of the annual nitrogen reductions from your proposed project. If using another method of calculating reductions please reference in NOTES section.
BMP implementation for nutrient or sediment reduction	Lbs P avoided (annually)	Please use FieldDoc to develop estimates of the annual phosphorus reductions from your proposed project. If using another method of calculating reductions please reference in NOTES section.
BMP implementation for nutrient or sediment reduction	Lbs sediment avoided (annually)	Please use FieldDoc to develop estimates of the annual sediment load reductions from your proposed project. If using another method of calculating reductions please reference in NOTES section.
BMP implementation for stormwater runoff	Acres with BMPs	Enter number of acres treated with stormwater BMP(s); indicate the type of BMP(s) (e.g., rain gardens, constructed wetlands, green roofs, rain barrels, etc.) and inches of rainfall that will be stored, infiltrated and/or filtered within a 48-hour rain event in NOTES section. Include method of calculation; please see the DWCF toolbox on the website for calculation resources.
BMP implementation for stormwater runoff	Volume stormwater prevented	Enter the volume (in gallons) of stormwater prevented from entering the system per year; indicate type of BMP(s) in the NOTES section; include method of calculation. Please see the DWCF toolbox on the website for calculation resources.



BMP implementation to mitigate recreational disturbance	Miles with BMPs	Enter the number of miles with BMPs to mitigate recreational disturbance.
Early successional forest - Improved mgmt. practices	Acres under improved management	Enter the number of acres under improved management; use the NOTES section to indicate full parcel size benefitting from acres under management.
Late successional forest - Improved mgmt. practices	Acres under improved management	Enter the number of acres under improved management; use the NOTES section to indicate full parcel size benefitting from acres under management.
Mature successional forest - Improved mgmt. practices	Acres under improved management	Enter the number of acres under improved management; use the NOTES section to indicate full parcel size benefitting from acres under management.
Improved management practices	Acres under improved management	Enter the number of acres under improved management, enter type of land (i.e. public or private), and enter specific practice(s) in NOTES section; DO NOT double count with acres of BMPs and please reference the 2023 Metrics Guidance for more specific metric options for working lands projects (e.g. agriculture such as salt marsh hay farming and forestry).
HABITAT CONSERVATION		
Project Activity	Recommended Metric	Additional Guidance
Acres protected under long term easement (permanent or >30-yr)	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).
Acres Acquired in fee	Acres acquired in fee	Enter the number of acres acquired in fee. Assuming the specific parcel(s) has been identified, in the NOTES indicate whether there was a competing offer (Yes/No) or potential zoning change (Yes/No), and what % of natural land cover would be cleared in the absence of the acquisition(s).
CAPACITY, OUTREACH, INCENTIVES		
Project Activity	Recommended Metric	Additional Guidance
Economic benefits	# jobs created	Enter the number of new jobs created; indicate workforce targeted in NOTES section (e.g. youth, veterans, non-traditional applicants). Do not include hired contractor positions as new jobs created.
Outreach/ Education/ Technical Assistance	# people reached	Enter the number of people who responded to an offer and inquiry delivered by outreach, training, or technical assistance activities; specify the percentage of individuals reached; indicate type of audience (farmers, community members, municipalities) and how individuals are reached in the NOTES section.
Outreach/ Education/ Technical Assistance	# people with changed behavior	Enter the number of individuals demonstrating a minimum level of behavior change; briefly describe methods of measurement and tracking in NOTES section. Characterize the audience (farmers, community members, municipalities) in the NOTES section.
Public Access	# acres with public access	Enter the number of acres now open to public access as a result of the project; include any associated river or stream miles also opened to public access as a result of project.
Volunteer participation	# volunteers participating	Enter the number of volunteers participating in project implementation, outreach, and education activities. DO NOT double count with # people reached.
PLANNING, RESEARCH, MONITORING		
Project Activity	Recommended Metric	Additional Guidance
Forest Management Planning	# of acres covered by dynamic forest plans	Enter the total acres for each dynamic forest plan (sum if several plans are created during a single planning exercise)



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Monitoring	# monitoring programs	Enter the number of monitoring programs established, underway or improved; briefly describe what is being monitored in the NOTES section.
Monitoring	# sites being monitored	Enter the number of streams/sites being monitored; briefly describe what is being monitored in NOTES section; include miles/acres/area covered by monitoring.
Project Management	Acres with transaction costs and project mgmt activities addressed	Enter the number of acres for which conservation easements and acquisitions will be facilitated; for land protection project management activities, e.g. surveys, appraisal, environmental report.
Research	Miles assessed	Enter the number of stream, river, beach or shoreline miles assessed; briefly describe the assessment aim in the NOTES section.
Restoration planning/design/permitting	Acres restored	Enter the number of acres for which planning, design, or permitting activities are being conducted under this project.
Tool development for decision-making	# tools used by decision-makers	Enter the number of tools developed that are used by decision-makers; briefly describe the tool in the NOTES section.