

Chesapeake Bay Stewardship Fund

Demonstrating Environmental Results

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Evaluation Logic Frameworks



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Environmental Results

- Greater emphasis among federal and non-federal programs to demonstrate results
- “Logic Framework” to be completed as part of application



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Evaluation Logic Framework

A conceptual tool to show how a project would work by linking specific activities to (short-term) project outputs and (long-term) post-project outcomes

- summarizes the causes and effects in the project
- allows us to test theory behind project using simple statistics



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Evaluation Logic Framework

See handout

For example logic frameworks

First three columns (starting from left) provide a summary of your project



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Activities →	Project Outputs →	Post-Project Outcome →	Indicator →	Baseline →	Projected Project Output →	Projected Post-Project Outcome
Example 1: Remove dam	Restored stream flow and channel morphology	restore anadromous fish runs	Number of blockages to fish migration along river	12 blockages	11 blockages	0 blockages
Example 2: plant 5,000 native seedlings along stream	Increased density of tree seedlings on streambank	decrease nutrient loadings to the Bay	number of tree seedlings on streambank	5 seedlings	5,005 seedlings	2,500 young trees surviving after years
Example 3: engage schoolchildren in plantings	School children aware of the importance of forest buffers	increased public awareness of the importance of forest buffers	number of school children participating in program	25 school children	50 school children	250 school children

Column 1

Activity: specific actions that you will be able to undertake and complete with the grant funding. These actions should help you achieve the overall goals of your project.

Examples: Remove dam; plant 5,000 native seedlings along stream; engage public through outreach and education.



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Column 2

Short-term Project Output: immediate environmental or behavioral response(s) which will occur because of one or more of the grant activities. Only includes those responses which would be apparent by the time the grant ends.

Examples: restored stream flow and channel morphology; increased density of tree seedlings on streambank; public consciousness raised about stream restoration.



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Column 3

Long-term Project Outcome: longer-term or “big picture” environmental result(s) that you expect will ultimately occur because of a particular activity or activities. It may take years before all outcomes are achieved.

Examples: restore anadromous fish runs; decreased nutrient loadings to the Chesapeake Bay; increased public awareness of the importance of estuarine ecosystems.



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Evaluation Logic Framework

Next three/four columns ask you to use statistics (numbers and measurements) to describe what will happen to the environment or world as a result of your project



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Column 4

Indicator: Something that you can measure to help determine whether or not your project will provide environmental benefits in the future.

Examples: Number of blockages to fish migration along river; number of tree seedlings on streambank; number of citizens participating in outreach and education program.



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Column 5

Baseline: a numerical estimate of your indicator at the time the project starts.

If you already have baseline information for your project, you can provide us with actual measurements.

Examples: 12 blockages; 5 tree seedlings; 25 schoolchildren.



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Column 6

Predicted Post-Project Output: a numerical estimate of what your indicator would likely be at the time your grant is completed.

Examples: 11 blockages [*removed 1*]; 5,000 tree seedlings [*newly planted*]; 50 citizens [*25 more citizens educated*].



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Column 7

Predicted Post-project Outcome: a numerical estimate of what your indicator will be in the future (say, 5-10 years from now) when all of the potential environmental benefits of your project have been realized.

Examples: 0 blockages; 2,500 young trees surviving after 5 years; 250 citizens engaged in program in 5 years.



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For more information

Visit NFWF's evaluation website, www.nfwf.org/evaluation

Ask NFWF staff for help if anything is unclear.



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