

**Lower Raritan Watershed Management Area  
Watershed Restoration Subcommittee  
Strategy Worksheet LRWR-S1C4**

<p><b>Strategy Name:</b> Technical Assistance for Riparian Restoration and Protection <b>LRWR-S1C4.</b> Develop and implement a program of technical assistance for landowners, land managers, watershed associations and municipalities in order to support riparian restoration and protection.</p>	<p>Strategy Priority: M (H/M/L)</p>
<p><b>Objectives Addressed by Strategy:</b> <b>LRWR-O1C.</b> By 2005, technical, institutional and stakeholder capacity will support coordinated watershed restoration efforts. <b>LRLM-O1B.</b> Following implementation of the watershed management plan, stream ecosystems will sustain healthy populations of target plant and wildlife species. <b>RBEO-O2A.</b> Stakeholder participants involved in Plan implementation thoroughly understand Raritan Basin issues and watershed management techniques. <b>RBEO-O2B.</b> Stakeholder participants involved in Plan implementation have a core competence in the application of watershed management techniques to Raritan Basin issues.</p>	<p>Strategy Schedule: (Begin/End)</p>
<p><b>Narrative Description of Strategy:</b> Riparian areas are transitional land areas between uplands and streams that serve a wide variety of functions with respect to stream health, wildlife uses, and the economic and social values of people. They support surface water ecosystems, and help protect streams, lakes, rivers and other waterways from environmental degradation.</p> <p>Defining riparian areas is a difficult task due to the large number of influencing factors that require consideration, including soil characteristics, hydrology, and landscape features. Riparian areas vary in width, shape, and character and do not stop at a uniform distance away from a stream or watercourse. Riparian areas for the Raritan Basin were defined by a number of distinct parameters as discussed in the Riparian Area Methodology and the “Surface Water and Riparian Areas of the Raritan River Basin” (SWRA) technical report.</p> <p>This strategy will complement LRWR-S1C3: Facilitation of Community Based Riparian Restoration by providing the technical assistance to various groups and landowners desiring to conduct restoration activities in the Lower Raritan WMA. Important components of the strategy include determining what types of assistance are needed by Lower Raritan stakeholders (results from LRWR-S1C1: Coordinated Restoration Effort, Action Step 1) and the appropriate framework for providing this assistance. The strategy also contains steps to hold a training workshop for interested volunteers. This workshop shall use the workshops conducted by NJRC&amp;D and NRCS in the North Branch Raritan watershed as models, but should be adapted for the Lower Raritan WMA.</p> <p><b>Areawide WQM Plan Consistency Determination Issues:</b> NA</p>	

Action Plan (Steps or Tasks)	Responsible Parties for Planning, Design & Implementation <sup>1</sup>	Responsible Parties for Oversight	Resource Needs <sup>2</sup>	Committed or Recommended Resources	Major Challenges and Opportunities	Evaluation Method & Indicators	Schedule and Milestones for Implementation
1. Using the results of LRWR-S1C1: Coordinated Restoration Effort, Action Step 1, determine types and content of technical assistance needed by stakeholders in the Lower Raritan, the	C: R: LRWR (if active), LRSC <sup>3</sup> , stakeholder panel from LRWR-S1C1, RCE	C: R: LRMC-WRA LRWVG LRWVAC <sup>4</sup>	L	C: R: LRWR-S1C1	Challenge: Getting appropriate parties and funding to support technical assistance	Determination of framework for technical assistance program	

**LRWR-S1C4: Technical Assistance for Riparian Restoration and Protection**

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appropriate institutional framework for providing technical assistance and the resources needed to support a technical assistance program.							
2. Implement the technical assistance program. See: RBEO-S2A1/S2B1: Training for Stakeholder Participants	C: R: LRWR (if active), LRSC, stakeholder panel from LRWR-S1C1	C: R: LRMC-WRA LRWVG LRWVAC	L-M	C: RBEO-S2A1/S2B1  R: Existing resources, foundation grants	Challenge: Obtaining funding  Opportunity: Chance to build a technical assistance team familiar with watershed goals and objectives capable of providing a variety of expertise to stakeholders	Provision of appropriate technical support for stakeholder restoration projects	
3. Plan and hold a workshop on restoration techniques for local volunteers interested in conducting restoration projects. The workshop should cover topics such as the components of a stream, restoration techniques, project design, long-term monitoring and stewardship.	C: R: LRWR, stakeholder panel from LRWR-S1C1, LREO, RRA, NRCS, NJRC&D, ACOE, Robin Sotier Associates	C: R: LRMC-WRA LRWVG LRWVAC	L	C: R: Existing resources, foundation grants, program fees	Opportunity: Developing a core of trained volunteers  Opportunity: Developing restoration proponents and volunteers who understand complexity and need for partnering in restoration projects	Attendance at program(s)  Volunteers utilizing techniques learned at the workshop	

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See:  
LRWR-S1C3: Facilitation of Community Based Riparian Restoration, Action Step 4.

<sup>1</sup> C = Committed, R = Recommended

<sup>2</sup> General Estimates: Low = \$5,000 - \$50,000; Moderate = \$50,000 - \$250,000; High = \$250,000 - \$1 million; Very High = over \$1 million

<sup>3</sup> All qualifiers in #1 (e.g. if active) for subcommittees apply throughout the action plan.

LRSC = Lower Raritan WMA Steering Committee or equivalent

RCE = Rutgers Cooperative Extension

NJRC&D = North Jersey Resource Conservation & Development Council

<sup>4</sup> LRMC-WRA = Lower Raritan-Middlesex County Water Resources Association

LRWMA = Lower Raritan Watershed Management Area Committee or equivalent

LRWR = Lower Raritan Watershed Restoration Subcommittee

LREO = Lower Raritan Education & Outreach Subcommittee

NRCS = Natural Resources Conservation Service

RRA = Rahway River Association

LRWMA = Lower Raritan Watershed Management Group