Delaware River Watershed Initiative

2014 Progress Report

Depicts locations for the Academy of Natural Sciences’ monitoring sites and first round awards for the Open Space Institute protection re-grant fund and the National Fish and Wildlife Foundation restoration re-grant fund. Monitoring sites reflect both project-specific locations as well as locations used to characterize the sub-watershed clusters more generally. The locations of both restoration and protection projects reflect the priority areas identified in the implementation plans and expert analysis of water quality impacts.

Restoration Project Awards
For the first round of restoration funding, NFWF received 30 applications totaling over $5MM. After an expert review and selection process, NFWF awarded $2.4MM to 14 organizations for work in 19 priority locations where restoration can significantly advance the water quality goals of six target sub-watersheds. These awards will leverage $5.4MM in additional funds.

Protection Project Awards
The Open Space Institute received 16 applications totaling $5.8MM. In partnership with Penn State University, OSI developed sophisticated decision-support criteria for prioritizing watershed ground- and surface-water resources, ultimately approving 9 projects worth $2.0MM. These projects will protect 7,267 acres of forest lands essential to clean and sufficient water in four target sub-watersheds and leverage $17.9MM in additional funds.

The Academy of Natural Sciences currently maintains an detailed data from over 300 stream monitoring and water quality sampling sites. These include project-specific monitoring, distributed sites generalizing cluster conditions; and long-term monitoring sites also the Academy established to integrate conditions from across a sub-watershed, establish baselines and track progress over a decadal time period.
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<table>
<thead>
<tr>
<th>Delaware River Watershed</th>
<th>Counties</th>
<th>Long-Term Integrative Monitoring Sites</th>
<th>Project-Specific &amp; General Monitoring Sites</th>
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<td>9</td>
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Priority Areas

- Restoration Project Awards
- Protection Project Awards (acres)

- 12 - 111
- 112 - 548
- 549 - 810
- 811 - 1588
- 1589 - 2449

Targeted Sub-Watershed Clusters

- Poconos and Kittatinny
- Upper Lehigh
- New Jersey Highlands
- Middle Schuylkill
- Schuylkill Highlands
- Upstream Suburban Philadelphia
- Brandywine and Christina
- Kirkwood Cohansey Aquifer