



Integrated Planning

Objective:

Protect and restore water quality, biodiversity, open space, and ecosystems

Strategy:

Consider multiple benefits when developing flood hazard reduction, open space, recreation and habitat projects

Why is this strategy important?

King County faces resource restraints at the same time that pressures on ecosystems are increasing. Prioritizing projects with multiple benefits ensures that we are using our own resources efficiently and effectively to make the greatest positive impact. The benefits included are:

- Sustainable agriculture support
- Flood mitigation
- Habitat support
- Fisheries support
- Recreation
- Open Space
- Transportation improvements
- Water Quality

How is our performance?

This is a new measure starting in 2012. King County has been implementing projects with multiple elements for years without identifying or accounting for major secondary benefits. This measure will assist decision-makers in ranking and selecting projects for development, making use of funding efficiencies.

For 2011-2012, there are 17 stormwater projects that have been identified as potentially having multiple benefits. Twelve of those projects have documented multiple benefits. King County is currently working to develop criteria for including projects in this measure to calculate the proportion of projects that provide multiple benefits.

Moving forward

Annually, projects from various Stormwater, Flood, Fisheries and Ecological long range plans and capital programs will be comparatively reviewed using the multiple-benefit criteria along with other factors such as existing Capital Improvement Program (CIP) development status, staff work load, funding opportunities, and need to accomplish a project's primary mission. Management and staff will begin work on a more formal methodology for CIP multiple benefit project review during 2013 business and budget planning process. Based on this review, additional projects could be selected for implementation and funding.

King County Water Quality Compliance for State and National Standards

	2011 Compliance	Target
Compliance with air quality limits and conditions as regulated via Puget Sound Clean Air Agency (PSCAA) permits on regional wastewater plants and offsite stations	99.90%	100%
Wastewater (Effluent) Limit compliance with National Pollution Discharge Elimination System (NPDES) permit limits for the county's major regional wastewater treatment plants	100%	100%
Reclaimed water permit compliance	98.90%	100%
Storm water System National Pollutant Discharge Elimination System (NPDES) permit	100%	100%

King County Combined Sewer Overflow Events

	Combined Sewer Overflow Events	Volume of Wastewater (Millions of Gallons)
2011 actual	196	666.4
2011 predicted (based on Hydraulic modeling)		800
1980s		2,300