



State of Oregon Department of Environmental Quality

# Appendix A, Green Project Reserve: Green Infrastructure

Contact: [Project Officer](#)

Cite the categorical project number(s) that best correlate to the project objectives described in the Green Project Components section of your Clean Water State Revolving Fund loan application.

All projects or project components counted toward the GPR requirement must clearly advance one or more of the objectives articulated in the category discussed below.

Oregon DEQ is required to finance a certain percentage of projects that utilize green infrastructure, address water and energy efficiency, or implement other environmentally innovative activities. DEQ refers to this percentage as the Green Project Reserve.

## 1.0 GREEN INFRASTRUCTURE

### Categorical Projects

**1.2-1** Implementation of green streets (combinations of green infrastructure practices in transportation rights-of-ways), for either new development, redevelopment or retrofits including: permeable pavement<sup>2</sup>, bioretention, trees, green roofs, and other practices such as constructed wetlands that can be designed to mimic natural hydrology and reduce effective imperviousness at one or more scales. Vactor trucks and other capital equipment necessary to maintain green infrastructure projects.

**1.2-2** Wet weather management systems for parking areas including: permeable pavement, bioretention, trees, green roofs, and other practices such as constructed wetlands that can be designed to mimic natural hydrology and reduce effective imperviousness at one or more scales. Vactor trucks and other capital equipment necessary to maintain green infrastructure projects.

**1.2-3** Implementation of comprehensive street tree or urban forestry programs, including expansion of tree boxes to manage additional stormwater and enhance tree health.

**1.2-4** Stormwater harvesting and reuse projects, such as cisterns and the systems that allow for utilization of harvested stormwater, including pipes to distribute stormwater for reuse.

**1.2-5** Downspout disconnection to remove stormwater from sanitary, combined sewers and separate storm sewers and manage runoff onsite.

**1.2-6** Comprehensive retrofit programs designed to keep wet weather discharges out of all types of sewer systems using green infrastructure technologies and approaches such as green roofs, green walls, trees and urban reforestation, permeable pavements and bioretention cells, and turf removal and replacement with native vegetation or trees that improve permeability.

**1.2-7** Establishment or restoration of permanent riparian buffers, floodplains, wetlands

and other natural features, including vegetated buffers or soft bioengineered stream banks. This includes stream day lighting that removes natural streams from artificial pipes and restores a natural stream morphology that is capable of accommodating a range of hydrologic conditions while also providing biological integrity. In highly urbanized watersheds this may not be the original hydrology.

**1.2-8** Projects that involve the management of wetlands to improve water quality and/or support green infrastructure efforts (e.g., flood attenuation).

**1.2-8a** Includes constructed wetlands.

**1.2-8b** May include natural or restored wetlands if the wetland and its multiple functions are not degraded and all permit requirements are met.

**1.2-9** The water quality portion of projects that employ development and redevelopment practices that preserve or restore site hydrologic processes through sustainable landscaping and site design.

**1.2-10** Fee simple purchase of land or easements on land that has a direct benefit to water quality, such as riparian and wetland protection or restoration.

## **Alternative formats**

DEQ can provide documents in an alternate format or in a language other than English upon request. Call DEQ at 800-452-4011 or email [deqinfo@deq.state.or.us](mailto:deqinfo@deq.state.or.us).