CITY OF CORVALLIS City of Corvallis Urban Stream and Detention Pond Maintenance

Corvallis, Oregon



From top: Mechanical removal of invasive species (i.e. Himalayan Blackberry, Reed Canary Grass, Poison Hemlock) along Dunawi Creek, while leaving native species unharmed (i.e. Oregon Ash, Snowberry and Swamp Rose); Mechanical maintenance of native grasses within bioswale to improve water conveyance during heavy rain events, thus minimizing impacts to surrounding infrastructure. A s the Latin origin of its name suggests, the City of Corvallis, Oregon is located in the heart of a valley, along the Willamette River. In an effort to improve the quality of water flowing into local streams and the Willamette River, the City of Corvallis Department of Public Works Removing invasive plant species and foreign debris from local streams and stormwater detention ponds improves water quality and biodiversity benefits to the City of Corvallis, Oregon.

launched a "maintenance" initiative to improve local streams and city-owned stormwater detention ponds. Both the ponds and streams play an important role in the city's stormwater infrastructure.

Through an on-call contract with the City, Biohabitats is leading these maintenance efforts, which involve the removal of invasive species and foreign debris.

Informed by a deep understanding of stormwater Best Management Practices, and using recyclable products wherever possible, Biohabitats is providing all permits, labor, materials, tools, equipment and supplies to perform the maintenance work. Biohabitats is also responsible for advance coordination of the work, communicating the task order scope with neighbors and minimizing site disturbance during entrance and egress.

To date, projects under this contract have involved the removal of more than 20 acres of invasive species, such as Himalayan Blackberry (Rubus armeniacus), English Ivy (Hedera helix), Reed Canary Grass (Phalaris arundinacea), Poison Hemlock (Conium maculatum) and over 12 tons of debris.

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