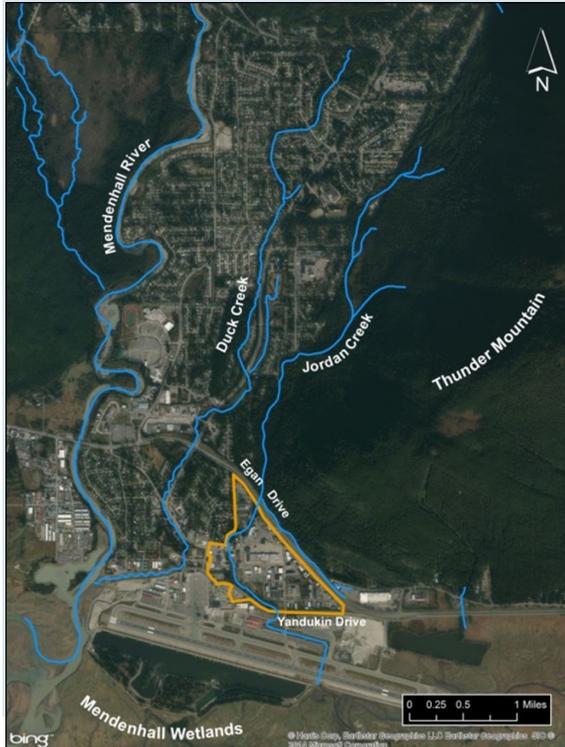


## Calling on Jordan Creek Landowners

Are you a landowner within the lower Jordan Creek watershed (shown below) interested in green infrastructure? If so, we would like to hear from you!

It is likely we have some recommendations for your property and can seek grant funding to implement a project on your property at little to no cost to you.

Please see our contact information on the back panel.



## Alaska Green Infrastructure Resources

City and Borough of Juneau (CBJ). 2010. Manual of Stormwater Best Management Practices. [http://www.juneau.org/engineering/SW\\_BMP/documents/Aug\\_2010\\_Manual\\_Stormwater\\_BMPs\\_000.pdf](http://www.juneau.org/engineering/SW_BMP/documents/Aug_2010_Manual_Stormwater_BMPs_000.pdf)

Fairbanks Green Infrastructure Group. <http://www.fairbankssoilwater.org/resources-green-infrastructure.htm>

MOA Watershed Management Services. 2008. Low Impact Development Design Guidance Manual. [http://www.muni.org/Departments/works/project\\_manage-ment/Publications/LID\\_Design\\_Guidance\\_1208.pdf](http://www.muni.org/Departments/works/project_manage-ment/Publications/LID_Design_Guidance_1208.pdf)

For more information, contact:  
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## Get your water out of the Gutter: Jordan Creek Stormwater Information For Landowners

*Working together for healthy  
watersheds*



## Jordan Creek: An Impaired Fish Stream

Jordan Creek is an anadromous stream that supports coho, pink, and chum salmon along with Dolly Varden char, and cutthroat trout. However, Jordan Creek is also listed by the Alaska Dept. of Environmental Conservation as an impaired waterbody due to sediment, high turbidity, low dissolved oxygen and debris attributed to urban run-off. Fine sediment and other pollutants attributed to stormwater runoff occurring in the densely developed lower portion of the watershed can adversely impact fish and fish habitat.



**Photo:** Stormwater outfall on Jordan Creek at Glacier Highway.



### Stormwater Pollution and Green Infrastructure

Stormwater is the water that flows across our yards, streets, and parking lots after rainfall and snowmelt. In developed areas, stormwater picks up a variety of pollutants such as petroleum hydrocarbons, heavy metals, fertilizers, pesticides, fine sediment, and fecal matter, which it eventually discharges into our streams.

Stormwater flow is traditionally managed using ditches and storm sewer systems designed to concentrate and quickly move water. Traditional stormwater infrastructure discharges directly into our streams with little time for pollutants to settle out.

Green infrastructure uses vegetation and natural processes to manage and treat stormwater to minimize impacts on the environment. Examples of green infrastructure include rain gardens, bioswales, planter boxes, and constructed wetlands. Green infrastructure options can be selected and designed to fit site-specific conditions.

The Juneau Watershed Partnership (JWP) and United States Fish and Wildlife Service (USFWS) recently completed a stormwater inventory and assessment for the Lower Jordan Creek watershed to identify opportunities to manage the quantity and quality of stormwater entering the stream.

### Upcoming Project

The Juneau Watershed Partnership, Southeast Alaska Watershed Council and Central Council of Tlingit and Haida have partnered to construct a rain garden at the Edward K. Thomas Building in the Airport Shopping Center. The rain garden will treat stormwater from ~36,000 sq. ft. of parking lot. Construction is anticipated in late September 2015.

Funding for this project was provided by the Alaska Dept. of Environmental Conservation Alaska Clean Water Actions Grant Program and the National Fish and Wildlife Foundation Wells Fargo Environmental Solutions for Communities Grant Program.

Landowners within the lower Jordan Creek watershed are encouraged to contact us if they are interested in viewing the rain garden during or after construction.

**Implementing green infrastructure throughout lower Jordan Creek can improve water quality and habitat conditions in this anadromous stream.**