



## NATALIE WHITE, WPIT

### Staff Scientist

Natalie White is a versatile ecologist who has focused on ecological restoration since graduating in 2015. She has contributed to numerous restoration projects in environments ranging from large river systems to tidal flats, in roles that have varied from leading a crew to assisting with project design. Natalie participates in a variety of project types at Confluence, from wetland delineations to fish exclusion to report writing. She also applies her strong editing skills to Confluence's Quality Control processes by reviewing documents for clarity and consistency.

### Representative Projects

**Ash Way Roadway Improvement, Snohomish County Public Works, Lynnwood, WA.** *Staff Scientist.* Provided project management coordination and supported senior staff complete the field effort to identify and delineate critical areas. This project proposes improvements to 2.2 miles of Ash Way between 18<sup>th</sup> Avenue W and the intersection of Gibson Road and Admiralty Way. Assisted in report production by completing the wetland ratings using the Washington State Wetland Rating System for Western Washington.

**Biomonitoring for Holden Mine Remediation Project, Rio Tinto, Lucerne, WA.** *Staff Scientist.* Managed the logistics of this multi-day remote field effort by ordering field equipment and making travel arrangements. Project involved extensive fish and macroinvertebrate sampling along Railroad Creek as a way to assess the effectiveness of Rio Tinto's remediation efforts at Holden Mine—a former copper mine active between 1938 and 1957. Assisted senior staff complete the field effort by participating in both the macroinvertebrate and fish sampling, which was done in accordance with the Performance Standards Verification Plan developed for the project.

**14<sup>th</sup> Avenue W Roadway Extension Critical Area Study, Snohomish County Public Works, Bothell, WA.** *Staff Scientist.* Provided project management coordination and supported senior staff during the field effort. The County is proposing to extend 14<sup>th</sup> Avenue W to Locust Way. Completed delineation of wetlands and OHWM of streams using Corps Wetlands Delineation Manual (1987) and the local Regional Supplement (Corps 2010), and identified and delineated the OHWM and bankfull width of streams in accordance with WAC 222-16-010 and Determining the Ordinary High Water Mark on Streams in Washington State (Ecology Publication # 16-06-029).

**Eelgrass Surveying and Mapping, Plauche and Carr, Samish Bay, WA.** *Research Assistant.* Supported the field effort to document and map the presence of eelgrass in Samish Bay in order to provide permitting support



### EDUCATION

B.A., Environmental Studies/English Literature, University of Washington, Seattle, WA, 2015  
Certificate, Wetland Science and Management, University of Washington, Seattle, WA, 2019

### CERTIFICATIONS

Public Operator Pesticide License, Washington State Department of Agriculture, #94288

### EXPERTISE

Wetland Ecology and Delineation  
Plant Identification  
Critical Areas Studies  
Mitigation Monitoring  
Fish Exclusion  
Data Collection and Analysis  
GIS

### ADDITIONAL TRAINING

Wilderness First Responder, Aerie Backcountry Medicine, 2017  
ArcGIS Training, University of Washington, 2019



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**Mitigation Site Performance Monitoring, King County Department of Natural Resources and Parks, King County (various locations), WA.** *Staff Scientist.* Performing quarterly maintenance monitoring and yearly compliance monitoring for four sites throughout King County. Conducting quarterly site inspections to ensure maintenance is being performed and communicating any observations to King County project manager via quarterly reports. Annual monitoring involves documenting site conditions and collecting transect data and plant counts to assess whether the mitigation area is meeting performance standards.

**Juanita Creek Fish Exclusion, Dungeness Construction, Kirkland, WA.** *Staff Scientist.* Assisted senior staff complete fish exclusion along a reach of Juanita Creek to allow Dungeness Construction to replace an outdated culvert.

**Various Restoration Projects, Applied Ecology, King County, WA.** *Field Specialist.* Completed restoration projects throughout King County, in partnership with Seattle Department of Transportation, Green Seattle Partnership, Forterra, and the King County Parks Department. Projects included such activities as invasive species removal, native planting, erosion control, and tree thinning in riparian, wetland, and upland environments. Monitored the status of restoration projects by completing vegetation and habitat feature surveys. Also assisted with project design, budgeting, and management.