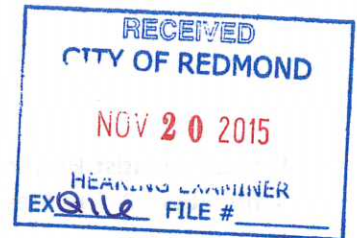


**James E. Rothwell**  
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**SUMMARY:**

**ECOLOGIST/PROFESSIONAL WETLAND SCIENTIST** with over 12 years of experience working in the environmental/natural resources field in both the private and public sectors. Areas of expertise include wetland delineation, characterization, and functional assessments; mitigation preparation, review, and monitoring; stream assessments; report preparation; local, state, and federal permitting; collaboration with regulatory agencies; review of and assistance with development plans.

**EMPLOYMENT:**

**Senior Ecologist/Professional Wetland Scientist**-Wetland Resources, Inc., Everett, WA  
May 2013 to present

- Perform wetland delineations, OHWM determinations, mitigation inspections, and additional fieldwork.
- Monitor mitigation projects for overall success, plant survivability, aerial coverage, etc.
- Prepare critical area reports, biological evaluations, mitigation plans, monitoring reports, and other documents.
- Prepare local, state, and federal permit applications (CWA 404/401, ESA, NWP's, critical areas regulations, etc.).

**Ecologist/Professional Wetland Scientist (on-call)**-Perteet, Inc., Everett, WA  
January 2012 to April 2013

- Oversaw local, state, and federal permitting processes (CWA 404/401, ESA, NWP's, critical areas regulations, etc.).
- Performed wetland delineations, OHWM determinations, and additional fieldwork.
- Provided fisheries management for the SR 520 Eastside Transit and HOV project.
- Prepared critical area/delineation reports, functional assessments, and mitigation plans.
- Provided peer review and on-call services for local jurisdictions (e.g. Lake Stevens, Black Diamond, etc.).

**Project Wetland Scientist**-CH2M Hill, Bellevue, WA  
September 2012 to November 2012

- Delineated, mapped, and collected data on wetlands, streams, and other critical/aquatic areas along a 115-mile pipeline corridor.
- Utilized the US Army Corps of Engineers 1987 delineation manual and the 2010 WMVC Regional Supplement for wetland delineations.
- Rated wetlands using the Washington State Wetland Rating System for Western Washington.
- Completed habitat assessments for streams and rivers.
- Mapped aquatic and man-made features using Trimble GPS units.
- Performed daily QA/QC on collected data.

**Ecologist/Professional Wetland Scientist**-Perteet, Inc., Everett, WA  
December 2008 to September 2011

- Performed wetland delineations, OHWM determinations, and additional field work.
- Prepared critical area/delineation reports, functional assessments, and mitigation plans.
- Oversaw local, state, and federal permitting processes (CWA 404/401, ESA, NWP's, critical areas regulations, etc.).
- Provided fisheries management for the SR 520 Eastside Transit and HOV project.
- Provided peer review and on-call services for local jurisdictions.

**Project Scientist**-Herrera Environmental Consultants, Seattle, WA  
September 2007 to May 2008

- Performed wetland delineations, functional assessments, wetland ratings, and prepared associated reports.
- Carried out ordinary high water mark (OHWM) determinations.
- Prepared Alternatives Analyses for compliance with Clean Water Act (CWA) section 404(b)(1).
- Prepared habitat management plan for highway repair project.
- Prepared JARPA forms for CWA section 404/401 certification and local critical areas ordinances.
- Prepared SEPA checklists for various projects.

**Senior Environmental Planner**-Snohomish County Planning and Development Services, Everett, WA  
October 2005 to September 2007

- Performed administrative review of permit applications for compliance with Snohomish County Critical Areas Regulations.
- Analyzed projects for impacts to critical areas, such as wetlands, streams, endangered species habitat, geological hazards, shorelines, etc.
- Performed wetland delineations, OHWM determinations, functions and values assessments and other fieldwork.
- Prepared/assisted with preparation of mitigation plans.
- Administered critical areas regulations, Endangered Species Act, State Environmental Policy Act, Forest Practices Act, Shoreline Management Act, etc. during permit review process.
- Reviewed environmental checklists and prepared threshold determinations for SEPA process.
- Coordinated with outside agencies (WDFW, WDOE, WDNR, USACOE, Native American tribes, etc.).

**Wetland Ecologist/Certified Arborist**-The Jay Group, Inc., Marysville, WA  
February 2003 to October 2005

- Performed wetland and stream delineations, functional assessments, mitigation inspections, and hazard tree analyses.
- Prepared Critical Area Reports, mitigation plans, habitat management plans, tree retention plans, etc.
- Monitored mitigation projects for overall success, plant survival and coverage, hydrology, etc.
- Implemented project research using ArcGIS, NWI maps, NRCS data, city and/or county parcel info, aerial photos.
- Reviewed engineered site plans using AutoCAD software.

**EDUCATION:**

June 2002      **Certificate-Wetland Science and Management**  
University of Washington, Seattle, Washington

May 1997      **Bachelor of Science, Environmental Science**  
Plattsburgh State University, Plattsburgh, New York

**CONTINUING EDUCATION:**

- Biological Assessment Preparation – Washington State Dept. of Transportation
- Designing Compensatory Mitigation and Restoration Projects – Coastal Training Program
- Washington State Wetland Rating System for Western Washington – Coastal Training Program
- Determining the Ordinary High Water Mark – Coastal Training Program
- Reviewing Wetland Mitigation and Monitoring Plans – Coastal Training Program
- Grass, Sedge, and Rush Identification for Western WA Puget Lowland Habitats – Coastal Training Program
- Advanced Wetland Soils and Hydrology for Delineators – Portland State University
- Evaluating Trees for Risk; Diagnosis and Decays – International Society of Arboriculture (ISA)
- Conifer Identification, Common Disorders, Pests, and Diseases – ISA
- Tree Failure Analysis – ISA