

# BBWARM: Jackie Bourgault

**Subject:** Online Form Submittal: Board and Commission Application  
**Date:** Thursday, January 30, 2020 9:58:21 AM

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## Board and Commission Application

### Step 1

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Application for Appointment to Whatcom County Boards and Commissions

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#### Public Statement

*THIS IS A PUBLIC DOCUMENT: As a candidate for a public board or commission, the information provided will be available to the County Council, County Executive, and the public. All board and commission members are expected to be fair, impartial, and respectful of the public, County staff, and each other. Failure to abide by these expectations may result in revocation of appointment and removal from the appointive position.*

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Title Mrs.

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First Name Jackie

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Last Name Bourgault

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Today's Date 1/30/2020

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Street Address 1624 Main St

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City Lynden

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Zip 98264

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Do you live in & are you registered to vote in Whatcom County? Yes

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Do you have a different mailing address? *Field not completed.*

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Primary Telephone 3605263346

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Secondary Telephone 3603191078

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Email Address jackie.bourgault@bp.com

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### Step 2

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1. Name of Board or Birch Bay Watershed and Aquatic Resources Management

Committee	Committee
2. Do you meet the residency, employment, and/or affiliation requirements of the position for which you're applying?	Yes
3. Which Council district do you live in?	District 4
4. Are you a US citizen?	Yes
5. Are you registered to vote in Whatcom County?	Yes
6. Have you declared candidacy (as defined by RCW 42.17A.055) for a paid elected office in any jurisdiction within the county?	No
7. Have you ever been a member of this Board/Commission?	No
8. Do you or your spouse have a financial interest in or are you an employee or officer of any business or agency that does business with Whatcom County?	Yes
If yes, please explain	I work at BP Cherry Point.
You may attach a resume or detailed summary of experience, qualifications, & interest in response to the following questions	<a href="#">2019 JBourgault Resume.pdf</a>

9. Please describe your occupation (or former occupation if retired), qualifications, professional and/or community activities, and education

I'm a licensed professional civil engineer who has worked in Whatcom County for the last 15 years. I've worked mainly as an engineer in land development/land use and have specialized in stormwater/watershed modeling along with stormwater design. I currently work at BP Cherry Point Refinery in our Environmental department and am responsible for the site's stormwater program, air compliance as well as the site's land use permitting program.

10. Please describe why you're interested in serving on this board or commission

I would like to support the BBWARM Advisory Committee by looking at ways we can protect our drainage pathways utilizing innovative designs and a collaborative approach between the various stakeholders. I have a specific interest in water quality issues related to stormwater management and am eager to work with the committee on opportunities to make meaningful improvements in the area.

References (please include daytime telephone number):

Ken Taylor - (219) 370-3310, Pete Sim (360) 526-3878, Pam Brady (360) 371-1519

Signature of applicant: Jackie Bourgault

Place Signed / Submitted Blaine, WA

(Section Break)

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# Jackie Bourgault, PE

*Civil Engineer*

1624 Main St., Lynden WA 98264 • 360.410.7276 • jackie.bourgault@bp.com•

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## Personal Statement

Professional Civil/Environmental Engineer with 15 years of experience managing various environmental and land development projects and programs. Proficient in engineering, project permitting, air, water, and soil regulatory compliance. A creative problem solver who maintains a strong work ethic, versatility in all areas of Environmental Engineering, excellent technical skills, trustworthy team member with strong people skills. Looking to pursue opportunities that provide challenging ways to grow and develop my career.

## Professional Experience

BP CHERRY POINT, Blaine, WA

08/2018 to Present

### *Land Use Engineer*

- ❖ Work with project teams to permit green and brown field projects through Whatcom County Planning and Public Works, Army Corp of Engineers, Washington State Department of Ecology and Washington Department of Fish and Wildlife.
- ❖ Ensure that development projects address site technical standards, permitting requirements and environmental constraints such as SEPA, wetlands, site contamination, Title V, and NPDES permit requirements.
- ❖ Provide environmental oversight of ongoing construction projects to help ensure compliance with various permit conditions.
- ❖ Assist in the development of the Refinery's overall permitting strategy.
- ❖ Provide on-call and emergency response services for the site's Incident Management Team.
- ❖ Provide day-to-day support for the Utilities unit.
- ❖ Track and assess ongoing regulatory developments.
- ❖ Maintain agency relationships to promote ongoing and future collaboration.
- ❖ Back-fill as needed as the Wastewater Engineer and Land Management Engineer.

BP CHERRY POINT, Blaine, WA

12/2014 - 08/2018

### *Environmental Engineer*

- ❖ Responsible for Cherry Point's Air Compliance Testing Program, Stormwater Program, and Land Development Permitting.
- ❖ Accountable for compliance with stationary sources, vapor recovery and indirect source permit requirements including New Source Performance Standards (NSPS).
- ❖ Lead interdepartmental coordination between planning, engineering, operations and third-party contractors to schedule, setup and test our sites combustion sources and continuous emissions monitors (CEMs). Coordination also includes testing at the regulation required conditions to ensure a safe, successful, timely and cost-effective stack test.
- ❖ Facilitate valuable collaboration between various stakeholders including operations and environmental during turnaround support coverage.
- ❖ Perform day-to-day environmental oversight of ongoing construction projects including construction dewatering, erosion control, NPDES compliance, spill prevention, and emergency response.
- ❖ Provide on-call and emergency response services for the site's Incident Management Team.
- ❖ Support day-to-day environmental needs for the Hydrocracker unit.

- ❖ Function as refinery liaison during agency inspections including, defending the refinery's position in the event of a dispute, implementing corrective actions as necessary and representing refinery interests to external stakeholders and agencies.
- ❖ Committed to a safe work environment as demonstrated during the Rail Logistics Project when a contractor was asked to stop work due to proximity of an excavator to power lines.
- ❖ Back-fill as needed as the Wastewater Engineer and Land Management Engineer.
- ❖ Developing a site constraints map in ArcGIS that displays the site's property, wetlands, drainage areas, below ground utilities, and MTCA sites.

CASCADE ENGINEERING GROUP, P.S., INC, Bellingham, WA

06/2010 to 12/2014

*Design Engineer/ Project Manager*

**Project Examples Include:** BP Cherry Point Rail Logistics Project, Ferndale Town Center, City of Sumas Water Comprehensive Plan, and various other subdivisions located in Whatcom County.

- ❖ Explored and evaluated many various engineering layout options for each project including design modeling, technical calculations/analysis, and site considerations as lead designer.
- ❖ Prepared the Stormwater Site Plan, Stormwater Design Report and Stormwater Pollution Prevention Plan for submittal to the associated agencies.
- ❖ Analyzed project's on-site stormwater runoff using Western Washington Hydrology Model and StormSHED.
- ❖ Preparation of permit applications including, SEPA Environmental Checklist, Land Disturbance Permit and Washington State Department of Ecology's Notice of Intent for a NPDES Permit.
- ❖ Conducted the CESCL site inspections, stormwater sampling, and preparation of the DMR reports for the Washington State Department of Ecology.
- ❖ Developed written engineering reports for submittal to associated regulatory agencies such as a Water System Plan including existing and future water system demands for submittal and acceptance by the Washington State Department of Health.

DAVID EVANS AND ASSOCIATES, INC, Portland, OR

05/2004 to 11/2010

*Design Engineer/ Project Manager*

**Projects:** WWU Lincoln Creek Transportation Center Creek Restoration, Bellingham International Airport Stormwater Management Master Plan Addendum, BP Cherry Point Non-Process Facilities (MSC), Birchpoint Watershed Modeling Project, and various other subdivisions located in Whatcom County.

- ❖ Explored and evaluated many various engineering layout options for each project including design modeling, technical calculations/analysis, and site considerations as lead designer.
- ❖ Prepared the Stormwater Site Plan, Stormwater Design Report and Stormwater Pollution Prevention Plan for submittal to the associated agencies.
- ❖ Collaborated in the preparation of the Port of Bellingham's stormwater master plan by modeling the runoff for existing and future development of their 900-acre Bellingham International Airport property.
- ❖ Coordinated design information between various engineering companies as project manager.

## Education

University of Washington, Seattle, WA

09/2001 - 03/2004

*Bachelor of Science in Civil and Environmental Engineering Degree*

Whatcom Community College, Bellingham, WA  
*Associate in Arts and Science*

09/1998 – 03/2001

**Certifications**

- ❖ Professional Engineering License, Washington State 10/2014
- ❖ Hazardous Material Emergency Response Technician 03/2015
- ❖ Certified Erosion and Sediment Control Lead (CESCL), Washington 10/2019
- ❖ Northwest Opacity Certification, EPA Method 9 03/2018