



Application for Appointment to Whatcom County Boards and Commissions

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.

Title	Mr.
First Name	Trevor
Last Name	Gearhart
Today's Date	1/12/2023
Street Address	████████████████████
City	██████████
Zip	██████
Do you live in & are you registered to vote in Whatcom County?	Yes
Do you have a different mailing address?	<i>Field not completed.</i>
Primary Telephone	██████████
Secondary Telephone	<i>Field not completed.</i>
Email Address	gearhart.trevor@gmail.com
1. Name of Board or Committee	Food System Committee
Food System Committee position:	Natural Resources
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 2
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 am employed at the Whatcom Conservation District as a Farm Planner and work with County Employees
You may attach a resume or detailed summary of experience, qualifications, & interest in response to the following questions	Resume Gearhart,Trevor commitee.pdf
9. Please describe your occupation (or former occupation if retired), qualifications, professional and/or community activities, and education	<i>Field not completed.</i>
10. Please describe why you're interested in serving on this board or commission	I grew up in Bellingham, and have always loved the vibrancy that our markets and agriculture give to the community. Recently I have seen a stagnation and struggle in food availability. I am a farmer that sells food to the community and other neighboring communities. I love our agricultural history both fisheries and farming and want to do all I can to support, and help our local producers thrive.
References (please include daytime telephone number):	Kyle Breakey - Lab Director, Exact Scientific Services (509) 969-9612 Peter Euclide - Graduate Research Technician, University of Vermont (330) 612-5137 Kelsey Richards - Local Farmer 509-863-2122 Sam Stoner - Local Middle school Science teacher 360-220-2967
Signature of applicant:	Trevor Gearhart
Place Signed / Submitted	Bellingham, Wa

TREVOR GEARHART

gearhart.trevor@gmail.com

SKILLS

- Writing and communications - grants / manuscripts / reports / educational presentations
- Customer service - ensuring that all interactions are respectful, informative and assist the customer in meeting their needs.
- Team and project management - including scheduling, tracking, and conflict management
- Research program design and planning
- Proficient with Windows and Mac operating systems and their applications
- Programming - Python / R / SQL / GIS
- Installation, maintenance, and monitoring of scientific monitoring equipment for long term data collection

EXPERIENCE

Whatcom Conservation Distric, 2022- present

Natural Resource Specialist - Farm Planner

- Work with Farmers to provide farm plans
- Apply for grants related to conservation, agricultural support and food systems.
- Provide education and assistance to farmers, landowners and community members in whatcom county.

Bright Thread Farm, 2021- present

Owner/Farm Manager

- Operate a 3.2 acre organic market farm and kiwi orchard
- Planned and implemented irrigation for multiple crops using overhead and drip systems, also implemented dry farming

- techniques for water conservation.
- Currently selling at the Ballard Farmers Market, to local restaurants and wholesale.
 - Communicate with multiple farmers and land managers over shared resources.
 - Accredited Certified Naturally Grown, growing under and maintaining organic certification requirements
 - Manage social media and marketing

Exact Scientific Services,
Director of Organic Chemistry

2016 - 2021

oversaw 6 chemists, conducting analysis on nutritional, agricultural and industrial analysis.

- Reported findings to clients, and assisted clients with interpreting results within regulatory guidelines.
- worked with local farmers to ensure pesticide application requirements were met.
- Compiled, reviewed and entered data from multiple reports daily, ensuring that all data reported meets QC requirements and is reported to the specifications of the client.
- Tracked multiple projects, recording and reporting on their progress and maintaining records for clients and internal reports.
- Wrote standard operating procedures for analytical methods, ensuring compliance with both ISO and EPA requirements.
- Researched and implemented new analysis methods, evaluating sources for quality and feasibility.
- Conducts maintenance on gas-chromatography equipment, including installations, calibrations, ordering parts, troubleshooting, and maintaining records of work conducted.

University of Vermont,
Research assistant

2012 - 2016

Worked with a team of researchers to address the potential compounding impacts of climate change and land-use (agriculture, development) on aquatic ecosystem/human health and model how public policy decisions can help mitigate those impacts and increase restoration.

- Represented our research team by providing regular briefings and updates to local stakeholders (dairy farmers), state/city agencies, state legislature, and involved international scientific communities.
- Collection, quality control, and interpretation of environmental field data; including atmospheric, biological, water quality data, sediment chemistry, habitat characteristics.
- Performed statistical analysis and quality control on data obtained from my own and others research

- Installed and maintained environmental monitoring equipment, including automated water samplers, profiling buoys and optical sensors capable of transmitting data back to databases.
- Developed, recommended and implemented environmental monitoring including permit applications and reporting.

Marine Biological Laboratory,
Research Intern

June 2010 – Sept. 2010

Team member on a NSF funded grant determining the impacts of wildfires and climate change on nutrient loading in freshwater ecosystems.

- Conducted sampling of remote arctic streams as a research at the Toolik Lake Ecological Research station in Alaska.
- Maintained and installed automated water samplers, and optical sensors.
- Collected and processed chemical, physiological and biological samples and data.
- Conducted riparian and wetland habitat surveys to determine areas of likely habitat degradation and biological community.

EDUCATION

B.Sc. Environmental Science, minors in Biology and Chemistry (2011)
Western Washington University

Phd. Candidate Biology, Aquatic Ecology (2012 – 2016)
University of Vermont

Certificate in Sustainable Agriculture 2021
Viva Farms

PUBLICATIONS

Gearhart, T. A., Ritchie, K., Nathan, E., Stockwell, J. D. & Kraft, J. (2016). Alteration of essential fatty acids in secondary consumers across a gradient of cyanobacteria. *Hydrobiologia*, 1-16.

Isles, P. D., Giles, C. D., **Gearhart, T. A.**, Xu, Y., Druschel, G. K., & Schroth, A. W. (2015). Dynamic internal drivers of a historically severe cyanobacteria bloom in Lake Champlain revealed through comprehensive monitoring. *Journal of Great Lakes Research*, 41(3), 818-829.