



Application for Appointment to Boards, Committees, and Commissions
City and Borough of Sitka

Board/Commission/Committee: Climate Action Task Force
Name: Willoughby Peterson (Will) Daytime Phone: [REDACTED]
Address: [REDACTED] Evening Phone: " " "
Email Address: [REDACTED] Fax Number: [REDACTED]
Length of Residence in Sitka: 30 years Registered to vote in Sitka? ☒ Yes ☐ No
Employer: Sitka Tribe of Alaska

Organizations you belong to or participate in:

STA, Sealaska, Sitka Community Land Trust, USFS RAC (pending activation)

Explain your main reason for applying:

Climate adaptation will be the most significant problem of my lifetime and my education, skills, and experience would benefit Sitka's Climate Action Task Force.

What background, experience or credentials will you bring to the board, commission, or committee membership?

I am a life-long Sitka Resident with an environmental engineering degree, experience as a brownfields program manager (4 years), Environmental Lab Specialist (2 years+), and a continuing curiosity and dedication to environmental science.

Please disclose any potential conflicts of interest that may arise from your appointment. These may include but are not limited to:

- A substantial financial interest of \$1000 annually that could be influenced by your appointment.
- An immediate family member employed within the scope of this appointment.

Please attach a letter of interest, outline, or resume which includes your education, work, and volunteer experience that will enhance your membership.

→ (To be considered, your application must be complete AND be accompanied by one of the above supporting documents.)

Date: 1/5/2021 Signature: Will Peterson

Your complete application and resume should be returned to the Municipal Clerk's Office by noon on the Wednesday prior to an advertised Assembly meeting.

Please note: all information submitted will be made public and published online. Appointments are normally made during open session of an Assembly meeting, however, Assembly members may vote to discuss applicant(s) in closed executive session. In this case, do you wish to be present when your application is discussed? ☒ Yes ☐ No

Return to:

Melissa Henshaw, Deputy Clerk/Records Specialist, 100 Lincoln Street
Fax: 907-747-7403 Email: melissa.henshaw@cityofsitka.org

WILLOUGHBY H. PETERSON

PROFILE

Will is an environmental professional with over a decade of great work history, who is devoted to the advancement of sustainable techniques in project design, management, and community benefit.

WORK EXPERIENCE

SITKA TRIBE OF ALASKA –Sitka, AK

June 2019 – Present

Environmental Research Lab Specialist

(One Year+)

- Manages the operations of ocean acidification (OA) equipment known as a “Burke-o-Lator” (BoL)
- Performs weekly discreet sample testing in addition to 24/7 continuous pCO₂ monitoring
- Assists with paralytic shellfish poisoning (PSP) monitoring program by intaking samples, processing for homogenization, and performing extraction procedures to prep for receptor binding assay
- Maintains an OA database of over 1000 samples and conducts routine quality assurance checks
- Corresponds with a state-wide network of several dozen OA researchers and samplers
- Mentors high-school interns for Rural Alaska Students in One-Health Research (RASOR) program
- Assists the STA Resource Protection Department with the harvesting and processing of several subsistence food resources including but not limited to salmon, halibut, deer, and herring eggs

SITKA SOUND SCIENCE CENTER –Sitka, AK

January – June 2019

Research Coordinator and SIRF Director

(Five Months)

- Coordinated accommodations for research partners utilizing the field station for marine and terrestrial research in Alaska
- Coordinated collaborative projects between staff and researchers including one-month experience for Scientist in Residence Fellowships (SIRF)
- Coordinated SIRF education and outreach efforts including radio interviews, newspaper articles, meet-and-greets, high-school presentations, and Natural History Seminars

TRAINING RURAL ALASKA YOUTH AND LEADERS –Sitka, AK

May – August 2018

Student Conservation Association; USFS TRAYLS Leader

(Four Months)

- Supervised and mentored three high-school students through training and field work operations during this summer program to assist the US Forest Service in stream restoration on Baranof Island
- Assisted in field work operations including operating chainsaws, Lewis winch, 4-ton come-along, block & tackle systems, and four-wheelers
- Operated under four ten-hour day schedules as well as several two-week camping excursions
- Maintained grant duties including field notes, timesheets, student assessments and reports

YUKON RIVER INTER -TRIBAL WATERSHED COUNCIL –Anchorage, AK

June 2014 – March 2018

Sustainable Lands Program Manager - Brownfield TRP

(Four Years)

- As Brownfield Program Manager completed EPA cooperative agreement goals and objectives including Phase I & II Site Assessments and Trainings in Land Reuse and HAZWOPER
- Applied for and secured funding from the EPA for the Brownfield Program in FY15, FY16, & FY17

- Maintained database of over four-hundred potential brownfield sites in the Yukon River watershed
- Collaborated with a network of environmental managers across dozens of communities, organizations, and state & federal departments for trainings, presentations, and planning
- Traveled to communities along the Yukon River and tributaries by boat, canoe, and small aircraft
- Conducted environmental sampling and surveys for brownfield assessment and cleanup
- Drone operator and video editor for aerial photography and video

UCI ENVIRONMENTAL HEALTH & SAFETY – Irvine, CA

October 2009 – May 2012

Radiation Safety Student Assistant III

(Three Years)

- Performed weekly surveys, daily scintillation screening, and quarantine of hot isotope research
- Maintained active database of Radiation-User-Authorizations (RUAs) and routine inspections

VOLUNTEER HISTORY

SITKA COMMUNITY LAND TRUST – Sitka, AK

May 2020 – Present

Board Member; Design Committee; Strategic Planning Committee

(Nine Months)

- Helps lead this non-profit in fulfilling its goals to supply affordable housing options for Sitkans

AMERICAN INDIAN STUDENT ASSOCIATION – Irvine, CA

September 2008 – June 2013

Annual UCI Powwow Board Member; Photographer; Designer

(Five Years)

- Helped host this student-led honoring of the Ajachemen Nation and regional Native Artists

AMERICAN SOCIETY OF CIVIL ENGINEERS – Irvine, CA

May 2010 – June 2013

Concrete Canoe Member; 2012 Co-Director; 2013 Project Manager

(Three Years)

- Utilized AutoCAD 3D 2013 for the construction of UCI's First re-usable concrete cast

EDUCATION

B.S. ENVIRONMENTAL ENGINEERING, Minor in Earth & Atmospheric Science

September 2008 – June 2013

The University of California Irvine (UCI), Henry Samueli School of Engineering

(Five Years)

- Emphasis: Air & Water Dynamics, GWQS, Environmental Chemistry, Project Design

SENIOR DESIGN PROPOSAL – Irvine, CA

SEPT. 2012 – JUNE 2013

"UCI Redwood Grove Stream Restoration" Lead Team of 5

(Nine Months)

- Developed specifications for a vegetated swale while protecting UCI's Redwood trees
- Created topography, hydro analysis, and plans using ArcGIS, HEC-RAS, and AutoCAD

CERTIFICATES

Engineer-In-Training (EIT)

Certification #150989

State of California (bpelsg.ca.gov)

ORGANIZATIONS

ASCE, AISES, AISA, AIRP, M.E.Ch.A.,

ASUCI, and CODE at UCI

Young Life, ANB/ANS in Sitka

HONORS

Recipient of

2008-2012 Sealaska Scholarship

2011 CODE/Boeing Scholarship

2008-2013 UC Irvine Grant

APPLIED SKILLS & TRAINING

Proficient: Chemistry Lab, Env. Sampling, Adobe CS, AutoCAD, CPR, Cryptocurrency, MS Office, Public Speaking, Writing
Moderate: Soils Lab, Concrete Design, Chainsaws, Construction, Dosimetry, MATLAB, HEC-RAS, ArcGIS, and Surveying