

**Subject:** Online Form Submittal: Advisory Group Application  
**Date:** Tuesday, December 17, 2024 2:03:50 PM

---

## Advisory Group Application

### Step 1

#### Application for Appointment to Whatcom County Advisory Groups

##### Public Statement

**THIS IS A PUBLIC DOCUMENT:** As a candidate for a public advisory group, the information provided will be available to the County Council, County Executive, and the public. All advisory group 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	Andrew
Last Name	Paterson
Today's Date	12/17/2024
Street Address	
City	
Zip	
Do you live in Whatcom County?	Yes
Do you have a different mailing address?	Field not completed.
Primary Telephone	
Secondary Telephone	
Email Address	

### Step 2

1. Name of Advisory	Climate Impact Advisory Committee
---------------------	-----------------------------------

## Group

---

Climate Impact Advisory Committee Position:	Yes
---	-----

---

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 5
--	------------

---

4. Have you ever been a member of this Advisory Group	No
---	----

---

5. 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?	No
--	----

---

6. Have you declared candidacy (as defined by RCW 42.17A.055) for a paid elected office in any jurisdiction within the county?	No
---	----

---

You may attach a resume or detailed summary of experience, qualifications, & interest in response to the following questions	Attached
--	----------

---

7. Please describe your occupation (or former occupation if retired), qualifications, professional and/or	See Attached Resume.
---	----------------------

community activities,  
and education

8. Please describe why  
you're interested in  
serving on this  
Advisory Group.

Now that I'm recently retired, I have the time and a life-long interest in advising environmental policy, energy conservation and sound application of environmental control technology where it pertains to industrial facilities, new construction, recognizing recycling/reuse opportunities, and drafting new regulations. My career experience has focused primarily on using my knowledge to support the operation and design of petrochemical facilities, including the local NW Washington oil refineries, but I believe the principles, jargon, and policy used in the public-sector will be imminently familiar to me. I am less familiar with the environmental issues surrounding agricultural and land-planning policy, but I'm willing to listen and learn from others more experienced before voicing any opinions.

References (please  
include daytime  
telephone number):

Matt Hula, Process Engineering Manager - Anvil Corporation  
(360) 671-1450.

Appointment  
Requirements

I understand and agree

Signature of applicant:

Andrew S. Paterson

Place Signed /  
Submitted



(Section Break)

## ANDREW S. ("Drew") PATERSON

### **SUMMARY OF EXPERIENCE:**

Mr. Paterson is a retired chemical engineer with 39-years experience in the petroleum and petrochemical industries. He has a broad background in small to medium-size (\$0.1-10 MM) revamp projects at petroleum refining, crude oil production, air/water treating, fatty alcohol/soap making, and industrial waste dewatering facilities. His project execution knowledge spans the conceptual, justification, detailed design, environmental permitting, and construction-support phases.

### **EMPLOYMENT HISTORY:**

2003-2024:	<b>Anvil Corporation</b> - Bellingham, WA	(Senior Process Engineer)
1999-2003:	<b>Raymond Professional Group, Inc.</b> - Bakersfield, CA	(Lead Process Engineer)
1990-1999:	<b>Fluor Daniel, Inc.</b> - Bakersfield, CA	(Process Engineer)
1988-1990:	<b>Global Environmental Systems, Inc.</b> - Bakersfield, CA	(Project Engineer)
1985-1988:	<b>Exxon Company, USA</b> - Benicia, CA	(Process Contact Engineer)

### **CAREER BACKGROUND:**

#### **SENIOR PROCESS ENGINEER – *Anvil Corporation* (2003 - 2024)**

Lead Process Engineer for home office and on-site contract engineering teams developing Process Safety Audits and Safeguarding Upgrades for Refinery Process Units at client industrial facilities in NW Washington. Supported both contract and client staff evaluating solutions and developing facility revamp projects relating to process safety, equipment reliability, energy efficiency for motor-driven and gas-fired equipment, air/water treating and sweetening improvement projects. Projects were typically implemented during planned, unit-wide Turnarounds and/or brief on-line outages. Primary clients included:

- BP Cherry Point Refinery – Blaine, WA.
- Shell Puget Sound Refinery – Anacortes, WA.
- Phillips 66 Refinery – Ferndale, WA.
- Flint Hills Resources North Pole Refinery – Fairbanks, AK.

#### **LEAD PROCESS ENGINEER - *Raymond Professional Group, Inc.* (1999 - 2003)**

##### **PROCESS ENGINEER - *Fluor Daniel, Inc.***

(1990 - 1999)

Lead Process Engineer supporting both contract and client staff developing broad range of industrial reliability, energy improvement, environmental upgrades and process safety improvement projects at client industrial facilities in California. Primary clients included:

- Shell Oil Products US - Bakersfield, CA Refinery (formerly *Texaco Refining / Equilon*)
- Procter & Gamble Oleochemicals - Sacramento, CA Detergents & Specialty Chemicals Plant
- Freshworld, Inc. - Arvin, CA Vegetable Processing Facility
- Shell Western E&P, Inc. - Coalinga, CA Heavy Oil Production Leases

#### **PROJECT ENGINEER - *Global Environmental Systems, Inc.* (1988 - 1990)**

Staff Project Engineer supporting environmental permitting, sales support, and management of mobile, industrial waste treating and dewatering equipment throughout California. Clients included oil refining and production facilities in Los Angeles basin, central California and coastal oilfields, San Francisco Bay Area refineries, and Northern Calif. geothermal plants.

#### **PROCESS CONTACT ENGINEER – *Exxon Benicia, CA Refinery* (1985 - 1988)**

Process Engineer responsible for daily monitoring, performance improvement and new project development in Refinery's environmental control units (amine treating, sour water stripping, Claus sulfur recovery, Beavon-Stretford tail gas cleanup, and activated-sludge waste water treating). Parallel

**CAREER BACKGROUND: ANDREW S. (“Drew”) PATERSON (cont.)**

duties included profiling and manifesting Refinery hazardous waste streams at Class I disposal facilities and local landfills.

**PROFESSIONAL LICENSES:**

Registered Professional Engineer (Chemical), California License No. CH4883.

**EDUCATION:**

M.S., Environmental Engineering - California Institute of Technology, Pasadena, CA (1985)

B. S., Chemical Engineering - University of Michigan, Ann Arbor, MI (1984)