

**WILLIAM P. MARTIN**  
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**SUMMARY**

Served as a technical resource on environmental issues and treatment processes specifically related to water and wastewater. Developed strong internal customer relations through personal integrity, follow-up and extensive technical knowledge. Experiences in initial job positions at facilities enabled later a successful management of complex projects and personnel training for similar facilities.

**EMPLOYMENT HISTORY**

**2002-2003 Employer: Anvil Corporation, Bellingham WA**

Job Title: Environmental Engineer

Duties: During this first year of consulting, my major focus has been the preparation of the SPCC Plans for the thirteen BP West Coast facilities. When EPA issued its revisions to the SPCC rule in July 2002, the time frame for certification was the first half of 2003. Other activities have involved a continuation of the relationships previously established at the BP refineries. These activities involve the Benzene NESHAPs Waste program, training programs for Operations and Environmental staff and supporting Project Engineering on developing a design base and securing regulatory permits for major capital projects. Future duties will involve marketing the company's capabilities with California industries.

**2001-2002 Employer: BP Cherry Point Refinery, Ferndale, WA**

Job Title: Contract Project Engineer

Duties: Continue activities from previous work as AET engineer. Support (50 %+ basis) the refinery's environmental program, most specifically to wastewater/water issues such as the NPDES permit, Pollution Prevention, treatment efficiency studies, Benzene Waste NESHAPs (BWON) program. BWON responsibilities included oversight of the entire program: compliance monitoring, annual TAB determination (establishing sampling program), tracking wastes for the 2 MT exemption, preparing

annual report and instructing environmental staff and Operations on the BWON requirements. Assisted Environmental staff on requirements of Project Sunshine related to BWON that included a third party audit of the refinery's BWON program.

**1981 to 2000      EMPLOYER: Atlantic Richfield Co.**

**1986 TO 2000                      ARCO Products - Engineering & Technology**

Job Title: Principal Environmental Engineer

Duties: Support manufacturing and distribution facilities on issues related to water and wastewater. Example of this support was the Benzene NESHAPs (BWON) rule. From rule's publication in 1990 to its effective date in 1993, assisted refineries in initial TAB determination and the evaluation of compliance options. After effective date provided guidance to refineries on the monitoring and reporting requirements and annual report.

Major areas of support are:

1. Environmental  
Advised facility staff on permitting (NPDES & Local) and regulatory issues (rule interpretation and preparation of facility plans ) such as the Benzene Waste NESHAPs, Toxic Characteristic and Primary Sludge rules. Participated in trade associations (API committees on Clean Water, Benzene Waste NESHAPs, SPCC and Storage Tanks) and monitored legislation (e.g. Clean Water Act Reauthorization).
2. Process Engineering  
Directed efforts for process design, process assessments, troubleshooting process upsets, source characterization and operator training
3. Engineering Services  
Analyzed aspects of cooling tower and boiler operation related to water chemistry and wastewater reuse.

**1983 to 1985**

**ARCO Alaska - Prudhoe Bay**

Job Title: Start up Engineer

Provide start up engineering support for Operations to bring new projects on-line. The projects were 1) Seawater Treatment facility for oil reservoir water flood and 2) Lisburne Oil Field development. Assignments were related to specific processes for which start up support and operator training were requested by Operations.

**1981 to 1983**

**Anaconda Minerals - Tucson Research Center**

Job Title: Research Engineer

Perform basic and applied research on zeolite minerals to support Marketing efforts on the bringing to the marketplace a new product for use in agriculture, water treatment and air handling systems.

**PRIOR TO EMPLOYMENT WITH ATLANTIC RICHFILED**

**1980 to 1981**

**PACE Laboratories - Minneapolis MN**

Job Title: Environmental Engineer

Provide consulting engineering services to municipal and industrial clients

**1975 to 1980**

**Metropolitan Waste Control Commission  
- St. Paul, MN**

Job Title: Staff Engineer

Provide process engineering support at a large municipal wastewater treatment facility. Develop the pretreatment program to regulate industrial contributors to the municipal system.

**1971 to 1974**

**Foot Tanning Company - Red Wing , MN**

Job Title : Project Engineer

Start-up a new Industrial wastewater treatment facility and develop and manage an operating and laboratory staff (11 people).

## **EDUCATION**

PhD - Civil Engineering, U. of Minnesota, Minneapolis MN  
(Major: Environmental Engr. Minor: Chemical Engr.)

MSCE - U. of Wisconsin, Madison, WI  
(Major : Environmental Engr.)

BSCE - U. of Wisconsin, Madison, WI

## **ADDITIONAL EDUCATION/TRAINING**

Registered Professional Engineer - State of Wisconsin

Certified wastewater operator - State of Minnesota