

Chapter 7

List of Preparers

The following individuals contributed to the preparation of the Draft EIS for the Tesoro Savage Vancouver Energy Distribution Terminal.

7.1 WASHINGTON STATE ENERGY FACILITY SITE EVALUATION COUNCIL (EFSEC)

Posner, Stephen – EFSEC Manager

Role: EFSEC Manager
Education: BS, Environmental Studies/Biology
Expertise: Over 30 years of experience working in various environmental regulatory programs. For the last 10 years Mr. Posner has worked in the field of energy facility siting and compliance monitoring. As EFSEC's Manager, Mr. Posner is responsible for managing the environmental and adjudicative siting reviews and compliance monitoring activities for various types of energy facilities. Prior to working at EFSEC, Mr. Posner worked for the California Environmental Protection Agency in various regulatory programs related to the management of hazardous and solid waste.

Bumpus, Sonia – Siting Specialist

Role: Project Manager
Education: BS, Biological and Health Sciences
Expertise: Over 8 years of project management experience. As an Energy Facility Site Specialist, Ms. Bumpus is responsible for leading team activities to conduct NEPA and SEPA environmental reviews, adjudicative siting reviews, and permit application reviews to process applications for site certification for various types of energy facilities. For the last 6 years Ms. Bumpus has worked for the State of Washington in wetland mitigation site monitoring, storm water LID projects, NEPA/SEPA compliance, and completed the Washington State 2012 Clean Watershed Needs Survey in partnership with the EPA. Prior to working with the State of Washington Ms. Bumpus worked for the U.S. Department of Defense as a team lead managing medical database projects.

Betts, Patricia – SEPA Specialist

Role: Environmental Planner
Education: BS, Zoology
Expertise: 23 years of experience in SEPA implementation for WA state agencies: managing state agency EISs; participating in the development of, reviewing, and commenting on other state and federal EISs; interpreting SEPA rules and advising agencies, the public and applicants; preparing SEPA guidance, conducting training, and developing SEPA policy.

7.2 CARDNO, INC.

(In alphabetical order)

Aarts, Jan – Senior Project Planner

Role: Project Manager
Education: MA, Urban Planning; BA, Urban Planning
Expertise: 30 years of experience in NEPA and SEPA compliance, land use, recreation, transportation, socioeconomics, visual impacts, community impacts, environmental justice, public services, and cumulative effects.

Andrews, Brent – Project Scientist

Role: Water Resources Technical Author
Education: MA, Politics, Economics, and Business; BA, Environmental Studies and Politics
Expertise: 9 years of experience in water quality compliance and permitting.

Baldrige, Jean – Strategic Director - Water Resources Management / Senior Principal

Role: Aquatic Resources Senior Reviewer
Education: MS, Fisheries; BA, Biology
Expertise: 30 years of experience as an aquatic ecologist with an emphasis in fisheries and assessments of aquatic habitat. Her career has focused upon assessing the effects of development on aquatic habitat. Ms. Baldrige is a specialist in addressing endangered species concerns. She has worked primarily in the western states, with project activities extending along the coast from Southern California to Alaska.

Barker, Scott – Planner/Engineer

Role: Traffic/Transportation Technical Author
Education: MS, Civil Engineering/City Planning; BA, History
Expertise: 25 years of experience in transportation and traffic impact analysis and general environmental analysis. He has helped execute environmental work for land development, highway, transit, and Intelligent Transportation Systems infrastructure throughout California.

Beisser, Nancy – Project Consultant / Environmental and Science Communications

Role: Technical Editor / Document QA
Education: BA, Human Development
Expertise: 30 years of experience in technical editing, document development and production support for environmental and engineering reports. She has managed the flow of information and communications on large/complex and small projects and proposals geared toward a variety of audiences and literacy levels.

Brena, Jeanette – Senior Consultant

Role: Air Quality Technical Author
Education: MS, Environmental Engineering; BS, Civil and Environmental Engineering
Expertise: 17 years of experience in air quality regulatory compliance and permitting, noise impact analysis, and environmental engineering.

Butler, Karen – Production Specialist

Role: Document Production
Education: AA, Microcomputer Application/Office Technology
Expertise: 28 years of experience working as a Production/Desktop Publishing Specialist. She has managed the life cycle of report production and distribution for large-scale technical and environmental compliance documents.

Clabaugh, Don – Geotechnical Engineer

Role: Health and Safety Technical Author
Education: MS, Engineering Geology; BS, Engineering Geology
Expertise: 30 years of experience conducting environmental site investigations and cleanups and geotechnical investigations. Additionally, Don is experienced in regulatory compliance and litigation support.

Clifford, Katherine – Project Manager / Regulatory Compliance Specialist

Role: Technical Author for Energy, Natural Resources, Public Services/Utilities
Education: BA, Environmental Studies
Expertise: 9 years of experience in NEPA compliance; environmental permitting and regulatory compliance; public health and safety, land use, and public services impact analysis; and natural resource economics.

Clouse, Adele – Staff Scientist

Role: Project Coordinator
Education: BA, Biological Anthropology
Expertise: 4 years of experience contributing to NEPA/SEPA report writing, research, data management, quality assurance and analysis.

Demuth, Kimberly – Cultural Resources/Section 106 National Director

Role: Cultural Resources Senior Reviewer
Education: MS, Historic Preservation of Architecture; BA, Fine Arts and Design
Expertise: 31 years of experience in historic preservation of architecture, cultural resource management, and visual resource management, and planning. She has been a senior reviewer for land use, recreation, visual, population and housing, public utilities, and transportation reports for environmental assessment and EIS projects.

Dillon, Reinhold – Senior Technical Editor

Role: Technical Editor
Education: MA, Medieval Culture; BA, History
Expertise: 30 years of experience in editing and writing, holding positions as editor, copyeditor, and proofreader.

Dorfman, Nancy – Production Specialist

Role: Document Production
Education: BS, Psychology and ASL
Expertise: 16 years of experience working as a Production Specialist. She has managed the life cycle of report production and distribution for large-scale technical and environmental compliance documents.

Elder, Lee – Project Economist

Role: Socioeconomics and Recreation Technical Author
Education: MS, Agricultural and Resource Economics; BS, Agricultural Business
Expertise: 10 years of experience analyzing the social and economic implications of industrial and commercial enterprises, regulatory change, resource development, and changes in resource availability.

Ferris, Jennifer – Senior Project Archaeologist

Contribution: Cultural Resources Technical Author
Education: MA, Anthropology; BA, Anthropology
Experience: 13 years of experience in archaeology and cultural resources management.

Flathman, Jennifer – Project Architectural Historian

Contribution: Visual Resources and Light/Glare Technical Author
Education: MS, Historic Preservation; BA, Political Science and Women's Studies
Expertise: 12 years of experience in historical preservation, historical structures, planning/design, cultural resources management, and technical writing.

Freeman, Kevin – Strategic Director – NEPA and Energy

Role: Project Sponsor
Education: MS, Geology; BS, Geology
Expertise: 45 years of environmental, geosciences, and geotechnical experience. He has led the preparation of major EIS documents that address oil and gas exploration and development, oil and gas transportation, transmission line development, and power plant siting and construction.

Germain, Grace – Project Engineer

Role: Noise Technical Author
Education: BS, Civil Engineering
Expertise: 15 years of experience in environmental regulatory compliance and permitting and impact statements on air quality, climate change, and noise aspects.

Graeber, William – Senior Consultant

Role: Aquatic Resources Technical Author
Education: BS, Fisheries Science
Expertise: 35 years of experience in aquatic ecology and fisheries biology, specializing in evaluation of the responses of salmon and marine species populations to changes in ecological processes and conditions. He is a recognized expert in salmon and nearshore ecology in the Northwest.

Hamilton, Lesley – Senior Associate/Environmental Scientist

Role: Air Quality Technical Author
Education: MA, Chemistry
Expertise: 28 years of experience evaluating source emissions, analysis of marine, aviation, aerospace, highway, nonroad and stationary sources, and compliance assessments for air sources.

Kimball, Ingrid – Staff Scientist

Role: Project Assistant
Education: MS, Forest Resources; BS, Biology
Expertise: 3 years of experience in data research and acquisition, maintaining project administrative records, and tracking schedules and deliverables.

Leonard, Paul – Technical Director - Water Resources Management

Role: Senior Reviewer and Technical Author for Crude Oil Analyses
Education: MS, Fisheries; BA, Aquatic Science
Expertise: 25 years of experience as a water resource specialist and recognized national expert in hydroelectric project licensing, NEPA compliance, watershed studies, and instream flow investigations.

Mahacek, Virginia – Senior Geomorphologist

Role: Water Resources Technical Author
Education: MA, Physical Geology; BA, Physical Geology
Expertise: 27 years of experience as a fluvial and soils geomorphologist with an extensive background in research, planning and design, and environmental compliance focused on water resource planning, watershed management, and stream restoration design.

Merickel, Emily – Senior Staff Scientist

Role: Land Use Technical Author
Education: MS, Biology; BS, Fisheries and Wildlife
Expertise: 9 years of experience in environmental risk assessments, biological assessments, and EISs.

Nagy, Michael – Senior Consultant

Role: Land Use Technical Author; Project Description and Alternatives Senior Reviewer
Education: BS, Natural Resources
Expertise: 38 years of extensive experience in environmental impact assessment, environmental permitting and compliance, NEPA/SEPA documentation, natural resources inventories, and wetlands and wildlife evaluations.

Noel, Lynn – Senior Project Scientist

Role: Terrestrial Vegetation and Wildlife Resources Senior Reviewer
Education: MS, Natural Resources; BS, Biology
Expertise: 28 years of experience conducting research and monitoring projects and preparing biological assessments for endangered species, environmental assessments, and EISs.

Onisko, Stephani – Senior GIS Analyst

Role: GIS Technical Scientist
Education: BA, Geography
Expertise: 12 years of experience in geographic information systems.

Payne, Allison – Geologist

Role: Earth Resources Technical Author
Education: MS, Geology; BA, Geology and Environmental Science
Expertise: 11 years of experience in geological consulting, with a focus on well-site geology, hydrogeology, and geothermal resource evaluation.

Simpson, Katie – Wildlife Biologist

Role: Terrestrial Vegetation and Terrestrial Wildlife Technical Author
Education: MS, Primate Conservation; BA, Biological Anthropology
Expertise: 9 years of experience conducting biological assessments, habitat assessments, biological constraints surveys, vegetation surveys, and focus species surveys.

Uno, Alison – Project Scientist

Role: Deputy Project Manager
Education: MS, Sustainable Environmental Management; BS, Marine Biology
Expertise: 10 years of experience in NEPA compliance, project management, environmental management, terrestrial biology, marine and freshwater biology, ornithology, and sustainability.

Weitkamp, Jennifer – Environmental Planner

Role: Aquatic Resources Technical Author
Education: BS, Fisheries Biology
Expertise: 20 years of experience conducting fish passage studies at hydroelectric facilities and preparing Endangered Species Act Section 7 consultation documents and environmental planning documents.