

ICICLE CREEK ENGINEERS

Geotechnical, Geologic and Environmental Services

Kathy S. Killman, LEG, President

Kathy is a principal engineering geologist with over 24 years of local geotechnical, geologic and environmental experience. Ms. Killman is a Licensed Engineering Geologist in the State of Washington with more than 24 years of local geotechnical, geologic and environmental experience. Her experience in recent years has been predominantly related to environmental and critical areas issues, including environmental site assessments and permitting. Ms. Killman has managed dozens of environmental projects, including Environmental Impact Statements (earth, soils, ground water and hazardous waste) and Phase I and II Environmental Site Assessments.

Selected Project Experience:

Suncadia Resort Project, Roslyn Area, Kittitas County, Washington

Kathy is serving as Principal for environmental elements at the Suncadia Resort project near Roslyn in Kittitas County. The project involves the construction of over 4,000 homes and 55 miles of new roads, along with related infrastructure including the reclamation of a large abandoned gravel pit. In addition to geotechnical and geological engineering services provided for the project since 1997, Kathy provided environmental services related to several diesel spills at the site in 2006 and 2007, including one in the area of the abandoned gravel pit. This spill occurred in the sensitive area adjacent to the Cle Elum River, in the area subject to regulatory oversight for gravel pit reclamation and stormwater discharge. ICE provided regulatory liaison with Washington State Department of Ecology and monitored remediation of the spill.

Owner: Suncadia, LLC

Contact: Cape Powers

Phone: (509) 649-3906

North Sammamish Plateau Access Road (SPAR), Issaquah, Washington

Kathy provided principal-level environmental services for the North SPAR project, an approximately 4,690-foot long roadway. The main roadway consists of four through lanes, with other appurtenant structures including a concrete bridge spanning the North Fork Issaquah Creek and two detention ponds. ICE provided geotechnical, geological and environmental consulting services to King County Road Services Division and Parsons Brinckerhoff for the Environmental Impact Statement (EIS) phase of the North SPAR project between 1996 and 1998. The EIS services were related to earth (geology and soils) and hazardous materials. Kathy completed a Phase I Environmental Site Assessment (ESA) on a portion of the site prior to construction; based on the results of the ESA, she evaluated the extent of diesel-contaminated soil in the area of a planned detention pond. Kathy subsequently managed the removal of the contaminated soil and worked with Washington State Department of Ecology to obtain a "No Further Action" determination for the site.

*Owner: King County
Road Services Division*

*Client Contact: Bill Carter,
PE, Parsons Brinckerhoff*

Phone: (206) 382-5214

Title: Principal Engineering Geologist

Years employed by firm: 12

**Total years of professional
experience:** 24

Education:

M.S., Geology, University of Idaho,
1981

B.A., Geology, University of
California, Santa Barbara, 1977



Registrations and Licenses:

Licensed Engineering Geologist / WA
/ 2002

Professional Geologist / ID / 1985

Registered Geologist / OR / 1989

Key Areas of Experience:

- Engineering Geology
- Environmental Services
- Site Assessment and Remediation
- Environmental Permitting
- Erosion and Sediment Control



*North SPAR during Construction –
North Fork Issaquah Creek Bridge*

Regional Water Facility Extension, Issaquah to Bellevue, Washington

Kathy was the Project Manager for design level geotechnical and environmental services for a five-mile long, 24-inch diameter water line extending from Bellevue to Issaquah. The water pipeline crossed potential landslide areas, compressible soils, two major streams, and Interstate 90. She evaluated soil, geology and ground water conditions along the alignment through a subsurface exploration program that included 85 soil borings along the proposed pipeline. She also provided on-call consultation services during construction of the water line, including assessment and remediation of petroleum-contaminated soil encountered during construction.

<i>Owner: Port Blakely Communities</i>	<i>Contact: Kathy Burnaman</i>	<i>Phone: (206) 225-2307</i>
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Regional Water Facility Extension during Construction

The Lakes at Black Diamond, Phase 1 Environmental Site Assessment (ESA), Black Diamond, Washington.

Kathy was the Principal and Project Manager for Phase 1 ESA services on an 823-acre property, now incorporated into "The Villages Master Planned Development". A portion of the property is underlain by abandoned underground coal mines. The ESA was completed to evaluate current and past activities on the site and adjacent properties that may have resulted in "recognized environmental conditions."

<i>Owner: Black Diamond Associates</i>	<i>Contact: Jerry Harkleroad</i>	<i>Phone: (425) 747-8187</i>
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Anderville Farms #1 Natural Gas Drilling Project, Near Matawa, Grant County, Washington

Kathy served as Principal-in-Charge and Project Manager for environmental services related to this natural gas drilling project located near Matawa in Grant County from 2004 to 2007. The initial gas well was drilled to a depth of over 12,000 feet. Kathy's services for the project included all permitting aspects (geology, soils, air quality, noise, water impacts, SEPA, Critical Area Reports) including support at public hearings. She provided liaison with regulatory agencies during the application and follow-up drilling activities including the Washington State Department of Natural Resources, Washington State Department of Ecology, and Grant County. Kathy also managed geotechnical services during construction of the drill pad and environmental support alignment and design and restoration activities.

<i>Owner: EnCana Oil & Gas USA, Inc.</i>	<i>Contact: Gary Houghton</i>	<i>Phone: (720) 876-3506</i>
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Drilling Anderville Farms #1 Natural Gas Exploration Well

Environmental Services for Oil & Gas Exploration in Washington State

Kathy is providing environmental services to Washington State Department of Natural Resources (DNR). Services include all aspects of permit review and regulatory oversight of applicants exploring for oil and gas in Washington State, working directly for the Oil and Gas Supervisor at DNR. Permits include SEPA Environmental Checklist and the Oil and Gas Drilling Permit through DNR, along with review of air quality permits, stormwater discharge permits, and other permits as required by local agencies. Kathy is providing liaison with regulatory agencies including Ecology and local agencies, attending public meetings during the application process, and providing oversight of the drilling and site restoration activities regarding environmental permit compliance.

<i>Owner: WA State DNR</i>	<i>Contact: Dave Norman</i>	<i>Phone: (360) 902-1439</i>
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