



UAA College of Engineering  
UNIVERSITY of ALASKA ANCHORAGE



UAA Professional Development  
Seminar Series

## Alaska Hazardous Waste Feasibility Study

Presented by Cory Hinds (Professional Environmental Engineer, Jacobs Engineering), Anabel Needham (Environmental Engineer, Jacobs Engineering), and [Dr. Subhabrata Dev](#) (Assistant Professor, Civil Engineering)

**ABSTRACT:** UAA and Jacobs Engineering collaborated on this study to evaluate the feasibility of constructing and operating a hazardous waste management facility in Alaska, instead of continuing to ship hazardous waste out of state. Scope of the study included developing siting criteria, estimation of annual waste generation, assembly and sizing of required facility components, cost estimating, transport emissions comparisons, and recommendations for public engagement. Findings of the study will be presented and discussed.

**Cory Hinds** is a professional environmental engineer and project manager at Jacobs Engineering with over 25 years of solid waste management experience in Alaska, from Kodiak to Utqiagvik. His experience includes planning, design, and economic evaluations for solid waste facility construction and expansions. Mr. Hinds has also worked on hazardous waste containment facilities at the Hanford nuclear production site in Washington. Mr. Hinds has a Bachelor of Science degree in Engineering from Swarthmore College in PA, and a Master of Science in Civil Engineering from UCLA. He has lived in Anchorage for 30 years. In his spare time, Cory enjoys climbing, hiking, skiing and gardening.

**Anabel Needham** is an environmental engineer in her second year at Jacobs Engineering. She has both Bachelor of Science and Master of Science degrees from Michigan Tech University. In 2023 Anabel conducted research on feasibility of aluminum mining from landfills on a state-by-state basis. She also organized historical energy use and emissions data from the MTU campus to estimate its annual carbon footprint over the past two decades in SIMAP and scaled sustainability progress by comparing with other universities. Anabel is also a professional Nordic skier, currently training for national and international races with the Alaska Pacific University elite team.

Friday, November 7, 2025

11:45 am - 12:45 pm

EIB 211 or Online Via [YouTube Live](#)