



Compliance with various governing bodies is complex, and changing regulations are a moving target. PND's team of environmental consultants help our clients expertly navigate regulatory frameworks, providing environmental permitting, field investigations, and coordination between stakeholder groups. We protect project timelines and budgets with expert end-to-end services, including environmentally compliant designs.

“When the planning and permitting were completed and the construction finally began, I don't think we could have had a better advocate on site than (PND). We are very glad to have had PND as a partner on it.”

— JED DIXON, PROJECT MANAGER,
CROWLEY FUELS

CROWLEY DOCK REPAIRS & REPLACEMENT

PND provided professional planning and design services to Crowley Maritime Corporation for identifying and evaluating a multitude of options for replacing its failing dock on the Chukchi Sea in Kotzebue, Alaska. The project required extensive federal permitting processes with the National Marine Fisheries Service (NMFS) and U.S. Army Corps of Engineers (USACE), including an Incidental Harassment Authorization (IHA) application, Biological Assessment (BA), and Essential Fish Habitat (EFH) assessment. PND gathered biological data, identified at-risk wildlife, and formed a marine mammal management and mitigation plan to minimize negative impacts. The plan included a marine mammal observation program and underwater sound monitoring during construction.



HAKALAU FOREST MASTER PLANNING

PND provided master planning and developed an Environmental Assessment (EA) for the Hakalau Forest National Wildlife Refuge near Hilo, Hawaii. The refuge was established to protect and manage endangered Hawaiian forest birds and their habitats. Located on the Big Island, approximately 40 miles from Hilo, the refuge is accessed via 15 miles of primitive roads and difficult terrain. PND provided two master plans for the U.S. Fish & Wildlife Service (USFWS), including authoring the EA and NEPA documentation, for improving access, water supply, and wastewater disposal for the main station facilities. PND investigated new road routes and provided alternatives for improving existing roads.



TANANA RIVER RECREATION AREA ACCESS IMPROVEMENTS

PND provided scoping and led design of this federally funded task order developed on behalf of the Fairbanks North Star Borough for improving road and trail access to the Tanana Lake Recreation Area (TLRA) and federally managed lands along the Tanana River near Fairbanks, Alaska. PND's environmental group provided a NEPA EA under U.S. Department of Transportation guidelines, while project permitting required acquisition of an USACE Department of the Army Permit and a Finding of No Significant Impact, as well as a compensatory mitigation plan to offset unavoidable impacts to U.S. waters.



MIDWAY ISLAND & HENDERSON AIRFIELD SEAWALL REPAIRS

PND has been heavily involved in airport master planning at Henderson Airfield on the Midway Atoll for the past 15 years, responsible for design of more than \$25M in airport improvements, including condition assessments, design, survey, permitting, NEPA, and construction support. PND coordinated with multiple agencies, including USFWS and the Federal Aviation Administration (FAA), to repair the damaged and exposed seawall threatening the airfield's ability to serve as an emergency landing site for transcontinental flights. PND prepared application documents for the programmatic ongoing repairs, including a NEPA EA, Endangered Species Act (ESA) BA, and additional associated documents for long-term seawall replacement.

