

**In 2019 we will celebrate 65 years of business.** We continue to enjoy safety success with another excellent year behind us. As evidence of this, an international mining company nominated us as “Global Contractor of the Year”, predominantly based on outstanding safety metrics coming from recent large projects.

One of our primary focuses this year was the implementation of quality assurance programs. Our goal is to perform the same high quality service whenever and wherever we are operating. Like a high end restaurant that wants their food and service in each location to be the same high standard, our goal is to produce the same level of “Safety, Quality and Value” on all projects.

To aid in this effort, we have added “Quality Assurance” personnel. Their three functions are “safety assurance”, “operational assurance” and “commercial assurance”. This is a challenging endeavor because of the wide geography we have covered this year (throughout the United States including Alaska and Hawaii, in Canada and out into Micronesia (Marshall Islands).

Adding to the complexity is the wide range of services we have performed including industrial demolition, remediation, coastal revetment construction, unexploded ordinance excavation, detailed consulting operations and intricate asset removal projects.

Multiple projects this year have required “Remote Controlled Equipment”. We have modified full size excavators fitted with a range of attachments to perform remote controlled work for a variety of reasons including:

- The risks associated with handling unexploded ordinance buried within work areas
- Demolition in extreme risk work environments

Our Consulting Division has expanded with projects ranging from full scale decommissioning plans of mining facilities to verification of decommissioning fund estimates for commercial nuclear plants. In addition, we have aided a key federal government agency with planning and budget development for sensitive demolition work in austere countries.

Thank you to our employees, our customers, our team partners and vendors/suppliers for making our 65<sup>th</sup> year successful and fun. 2019 looks bright with a good backlog of work and many exciting opportunities on the horizon.

**Bring on 2019!**

# 2018 *In Review:*

## EXPANDING SERVICES & COVERAGE OF OPERATIONS

Example projects of note include:



### Landfill Remediation / Revetment Construction / UXO Management KWAJALEIN ATOLL – MICRONESIA

This project involves the excavation of a historic landfill along 2,000 lineal feet of shoreline in this remote coral atoll. Kwajalein is an old WW2 battlefield; hence, much of the work involves working within zones that contain unexploded ordinance necessitating the use of remote controlled equipment protocols. The work is completed by constructing an engineered revetment using 35,000 tons of imported rock.



### Demolition of Structure Within Active Medical Facility PORTLAND, OR

NWDD demolished a nine story concrete structure within an active medical campus. The work was carefully sequenced working with and around the shoring contractor to minimize site impacts and to ensure the remaining slope was stable following demolition.



### Missile Detection Site Demolition FAIRBANKS, AK

This work included demolition of an entire facility consisting of buildings, connecting walkways, radar domes and associated equipment. Much of the facility was painted with a PCB containing paint and the resultant debris was unable to remain in Alaska. Hundreds of full size disposal trailers were required to transport the waste by truck, barge, and rail to an Oregon landfill.



### Decommissioning Consulting Assignment SALT LAKE CITY, UT

This significant consulting assignment involved the study and assessment of one of the world's largest mining facilities including the Open Pit Complex, the Powerhouse Facilities, the Refinery, the Concentrator Facility and the Smelter Complex. The assignment included full material take-offs, decommissioning cost estimates and schedule generation.



### Twenty Acre Foundry Demolition PORTLAND, OR

This project included the remediation, cleaning and demolition of many structures on this twenty acre site. The facility was surrounded by other businesses and neighborhoods. The demolition sequence and cleaning efforts were designed to prevent the migration of nuisance dust outside of the project site.



### Multi-story Building Demolition KONA, HI

NWDD was contracted to demolish a 7 story concrete hotel structure, 40% of which was overwater. No debris was allowed to enter the waterway, thus, a catchment structure was constructed under the overwater section and the bulk of the work in that location was completed with robotic equipment.