

CORVALLIS COUNTY WATER AND SEWER DISTRICT

Wastewater Treatment Rehabilitation

Sludge Removal from Existing Pond



Hand Picking Rock, Prior to Liner Installation



(Exposed) Liner Seaming/Ballast Tubes



*Surface Pontoon
Aeration*



*Sub-Surface
Aeration
Diffusers*

PROJECT SCOPE

NCI has provided engineering services to evaluate the existing wastewater infrastructure, identify system problems and identify solutions. **The District had implemented a moratorium on new sewer hook-ups in an effort to keep hydraulic/organic loading from getting further out of hand.** NCI prepared a facilities plan which recommended improvements to the treatment system including upgrading the aeration system, adding a lined basin for additional treatment and storage, removing accumulated sludges, adding a two-cell constructed wetlands system and increasing the available percolation pond area. **NCI also provided final design and grant/loan coordination for the District. NCI performed the construction administration and inspection for the improvements.**