

Chadrick Hill

Many dams have aging outlet works that are too small to physically enter and inspect. Outlet inspections can also be cost prohibitive to a dam owner causing them to be non-compliant with state dam safety regulations requiring periodic inspections. With the technological advancements of today, an outlet inspection sled with the right setup is a perfect tool for inspecting outlets ranging from 30-inches in diameter down to 8-inches or smaller. In this presentation we will discuss the basic setup, operation, and challenges of using an outlet inspection sled. We will also go over tips and tricks to help ensure a successful inspection including ideas for a pre-inspection equipment checklist, in-the-field pre-inspection checklist and a toolbox to have on hand.