DRAFT

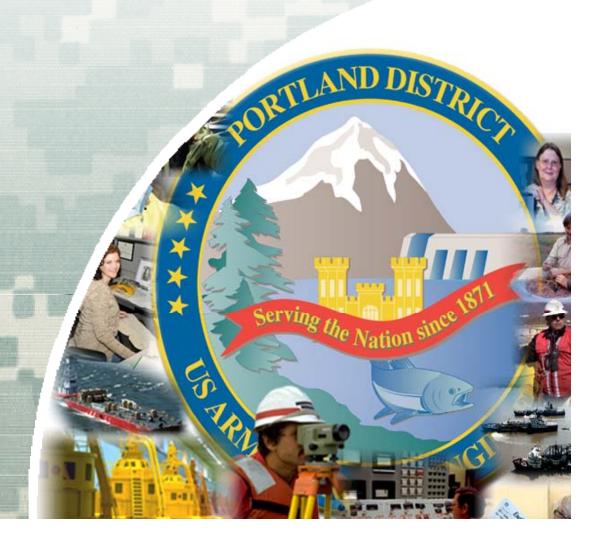
Sean Tackley

Fisheries Biologist

Portland District

March 24th, 2011









Mex Devalu



Overview of New Water Supply

Gravity Pipeline

- ► Length ~ 380 feet
- ▶ Diameter 36 inch Dia. steel pipe
- ► Flow Rate up to 60 cfs

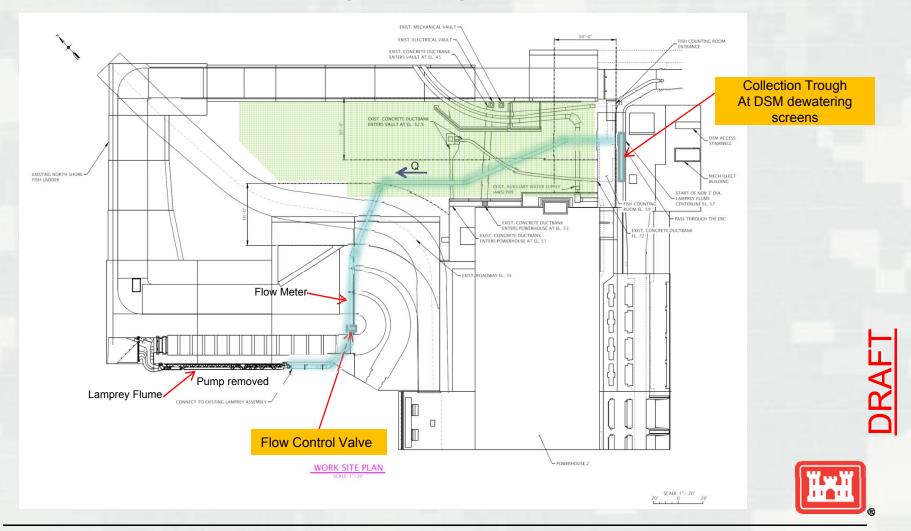
Features

- ► Collection Trough <u>behind</u> the DSM dewatering screens
- Slide Gate closure at Collection Trough
- ► Flow Control Valve and Flow Meter
- ▶ PLC control of valve to desired flow rates

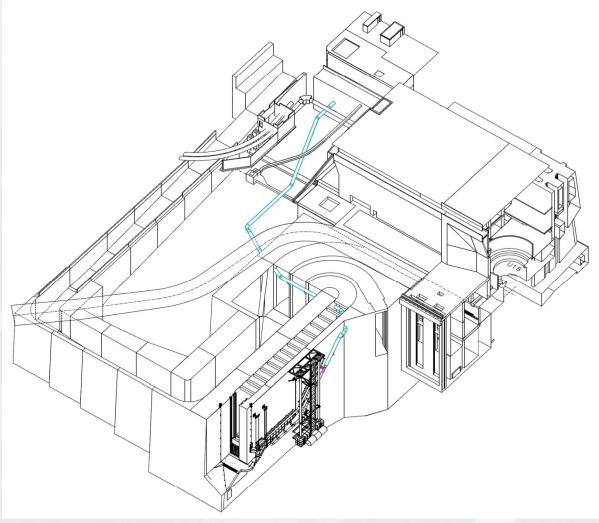




Proposed path for gravity supply Plan View



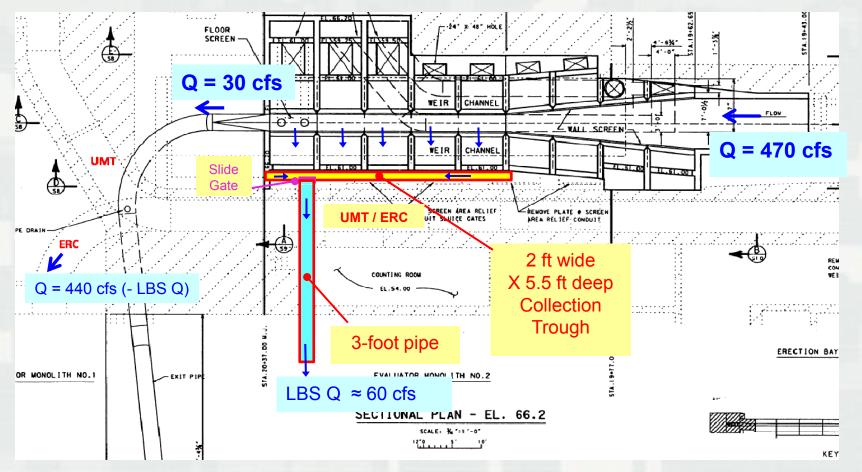
ISO View



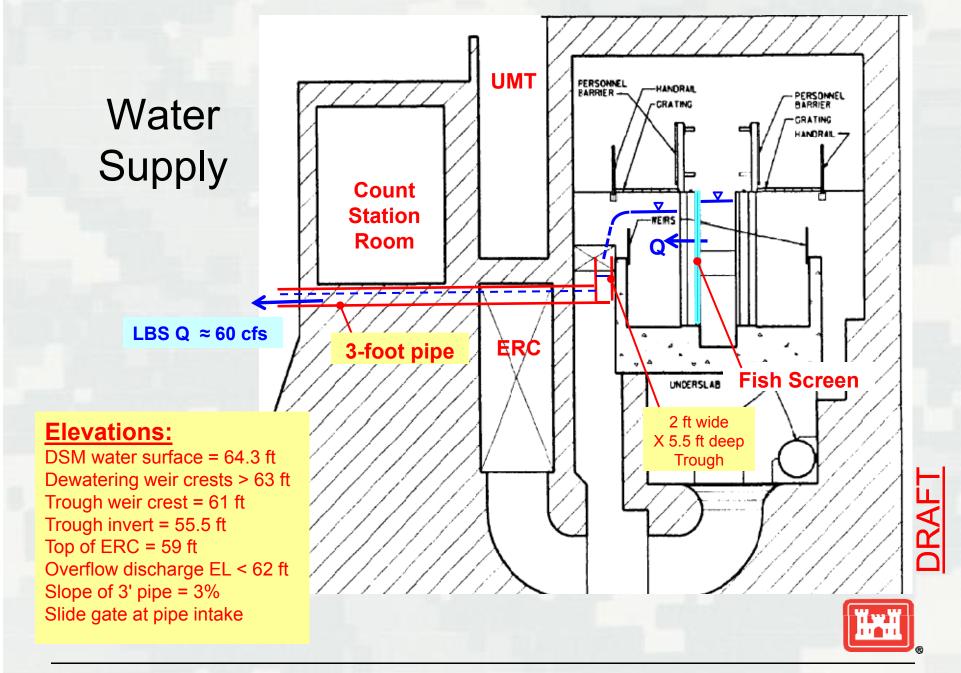




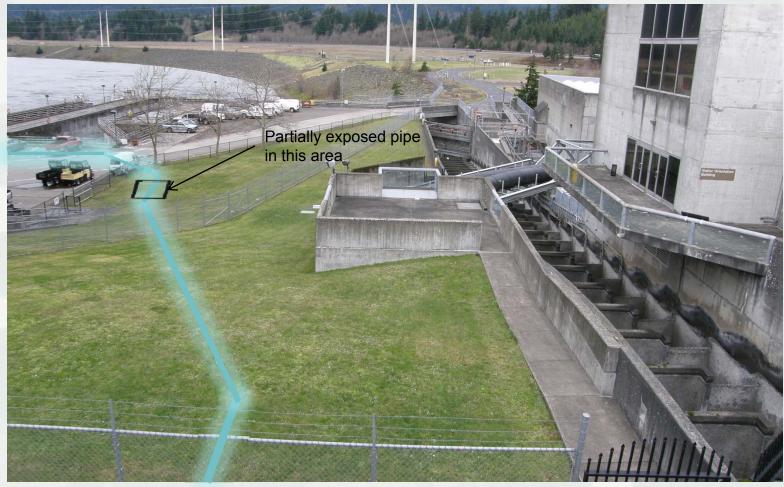
Plan view at the Collection Trough







Approximate Path







Crossing the lower ladder







Connect to the Flume Supply Header

