Procedure for Water by-pass Possum Point Ash Dredge

Purpose703-441-3832

The purpose of this procedure is to ensure that the Night Pump Operator understands the equipment, valve setup, and line of communication to minimize the risk of water overflowing the by-pass setup.

Responsibilities

Construction Superintendent- Ensure the Night Pump Operator is tasked trained in all necessary equipment operations to follow this procedure.

Project Manager- Ensure that the site is staffed with the appropriate qualified personnel to complete the duties listed in the procedure and to serve as a back-up contact for the Construction Superintendent.

Control Room Unit 6- Serve as the station contact if plant operations need to be modified.

Night Pump Operator- Ensure that this procedure is followed including operating pumps, valves, and contacting the proper personnel.

Definitions

Primary Pump- Pump that will regularly turn on and off during normal dewatering activities. This pump WILL remain on if the plant is pumping water.

Secondary Pump- This is the back-up pump. This pump will only turn on if something has malfunctioned with the primary pump.

Figure 1

Procedure

1. The Night Pump Operator will inspect the pump every hour. Documentation will be given to the Construction Superintendent at the end of every shift.
2. If the secondary pump turns on the Night Pump Operator will inspect the primary pump. If the primary pump will not operate the Night Pump Operator will contact the Construction Superintendent.
3. If the secondary pump stops operating the Night Pump Operator will open Valve 1 and then close Valve 2, see Figure 2 and 3.
4. After the proper valves are open the Night Pump Operator will contact the Construction Superintendent. Upon notification the Construction Superintendent will report to the site.
5. If the plant is discharging water the Night Pump Operator will contact Control Room Unit 6.

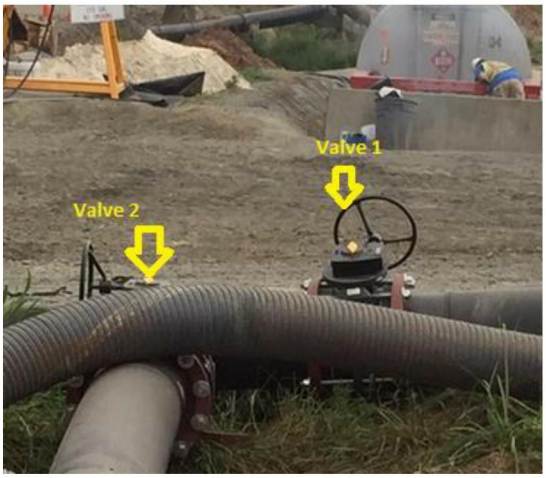

Figure 2

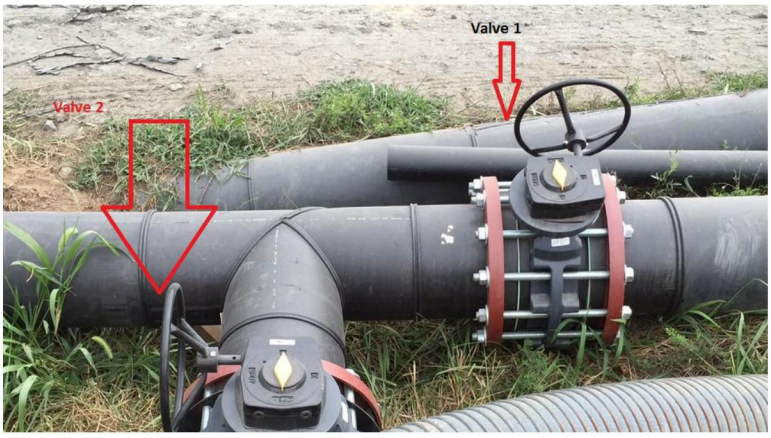

Figure 3

Contacts

Construction Superintendent- Reuben William (252)578-7112

Project Manager- John Glover (252)676-9003

Control Room Unit 6- (703)441-3832