

Pump Station 3 (PS3) Bypass Piping

Significant aspects/risks addressed: Pump Stations

Potential effects if SOP not followed: sanitary sewer overflows, employee health and safety, public health issues

Procedure

1. Set up 2, 8inch Godwin pumps at vault and float tree. Floats may need to be adjusted to appropriate level
2. Check fluid levels in pumps
3. Back hoses up and secure connections with zip ties to ensure clamps don't come loose
4. Hook hoses up to header pipe
5. Open discharge gate valves, including buried valve on forcemain
6. Check for leaks or loose connections and fix if needed
7. Start Godwin pumps, listen for engine difference when pump catches its prime
8. Set rpm at 1500
9. Check fluids in pump regularly
10. Continue using pump until situation is remedied
11. Reverse connections covered in steps 1-6 to disconnect



PS3 BYPASS PIPING



PS3 BYPASS PIPING TO CONNECT GODWIN PUMPS