

MUD Chloramine Conversion Plan Review Checklist

Instructions: This checklist is offered to assist MUDs in including the WHCRWA required components for surface water conversion. Plans submitted for review to the WHCRWA Program Manager should include this completed checklist. WHCRWA is not providing a technical review of the chloramine conversion and tank modifications required; that is the sole responsibility of the MUD's engineer.

Project Information	
Project Name:	
Consultant Firm:	
Date Submitted:	
Water Plant Address:	
WHCRWA Meter Station Contract Number:	

Typical Items			
Item	Yes/No	Sheet No.	Comments
WHCRWA meter station location has been coordinated?			
Ammonia (LAS) and chlorine (CLS) injection downstream of WHCRWA meter station			
Ammonia (LAS) injection is upstream of chlorine (CLS) injection for WHCRWA surface water supply			
Ammonia (LAS) injection is downstream of chlorine (CLS) injection on existing groundwater well			
Confirm no sample taps on WHCRWA meter station piping			
2x pipe diameter air gap in GST between SW fill line and max rise in tank WSE			Fill Pipe Dia: XX-in (X FT) 2x Pipe Dia: X FT Fill Line ELE: XX FT Max Rise in WSE: XX FT Air Gap: X FT
Electrical site plans show an underground electrical duct bank to power the WHCRWA meter station Control Panel			

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Electrical Plan shows location and voltage of power panel serving WHCRWA meter station Control Panel			Check One Voltage 120/208, 3 phase _____ Or Voltage 120/240, 1 phase _____
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GST Tap and Level Indicator (Pressure Transmitter) Enclosure			
Item	Yes/No	Sheet No.	Comments
Confirm GST has tap for pressure type level transmitter within 3 feet of the floor level			
Confirm GST level transmitter enclosure shows two (2) conduits to WHCRWA Control Panel			

Process Control Review – Existing Well Pump			
Item	Yes/No	Sheet No.	Comments
Confirm well pump control diagram modifications show a normally closed enable contact at WHCRWA Control Panel in the AUTO control circuit of any well pump			

Process Control Review – Chemical Control Panel			
Item	Yes/No	Sheet No.	Comments
Confirm MUD WP is reading WHCRWA Control Panel flowmeter signal to determine disinfection OR they have their own flowmeter			