

JKD
5-10-14

Direct Potable Water Reuse Standard Operating Procedure

Wichita Falls, Texas

Sedimentation Basin Influent-

3J

MonoChloramine residual below 1.0 mg/l at 1J WW-O7

This SOP supersedes any previous SOP on this topic. Effective on the date signed approved below

INTRODUCTION

This is the Standard Operating Procedures for responding to low MonoChloramine disinfection.

OBJECTIVE

The objective of this document is to maintain minimum disinfection levels in the transmitted water to Cypress DPR WTP

In the event that the MonoChloramine residual entering the pumping to Cypress DPR is less than 1.0mg/L. WTP

- The Cypress DPR will be notified immediately. The Chlorine residual and the duration of the low residual will be reported to the Cypress DPR plant. WTP
- Cypress DPR will monitor the Chlorine residual at the receiving end of the pipe and make the determination of the need for a shutdown. WTP

The River Road will make immediate adjustments to bring the MonoChloramine residual up to acceptable limits. WTP

- This will include titrating by Amperometric titration for MonoChloramine.
- Testing for Available Ammonia before Chlorination.
- Ensuring the Ammonia level is adequate to meet MonoChloramine production.
- Adjusting the Chlorine feed rate to produce the appropriate amount of MonoChloramine.

Related SOP: RIVER ROAD SHUTDOWN COMMUNICATION PROTOCOL and Chlorine species titration and Standardize Chlorine Titration and QAQC Graphing DPR SOP

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5-9-14

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