

This seems like
it belongs in
Danie's new format
under "Actions"

Direct Potable Water Reuse Standard Operating Procedure

Wichita Falls, Texas

MonoChloramine residual below 1.0 mg/l at 1J

2J or?
2JB?
2J?

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

INTRODUCTION

This is the Standard Operating Procedures for low MonoChloramine disinfection.

OBJECTIVE

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

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

- 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.
- Cypress DPR will monitor the Chlorine residual at the receiving end of the pipe and make the determination of the need for a shutdown. If Cypress DPR decides a shutdown is in order they will initiate section 2 of this SOP. ↗

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

- This will include titrating by Amperometric titration for MonoChloramine. ← need to X-reference the SOP
- 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. ← how?

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

Prepared By: Bill Thornton

Prepared Date: May 6, 2014

Approved by: _____

Approved Date: _____

Reviewed by: _____

Reviewed Date: _____

*SOP's are to be reviewed and/or updated annually or any time this process has changed.

MonoChloramine residual below 1.0 mg/l at 1J

Sign below and date that you have received training on this SOP. By signing you are stating that you understand and will differ to this SOP when applicable

Name	Signature	date	Signature	date
David Souilliere			Mark Huggins	
Johnny Chavez			Ron Kendrick	
Katharine DeMars			Rodney Allen	
Paul Blackwell			McIlvanie	
Ian fox			Diana Graham	
Paul Carr			Damon Halper	
Orville Sosebee			Jessie Martin	
Orlando Simpliciano			James Seigler	
Cheryl Chaney				