

VKD
5-10-14

Direct Potable Water Reuse Standard Operating Procedure

Wichita Falls, Texas

Foaming at the River Road WWTP WW-09

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

INTRODUCTION

This is the Standard Operating Procedures for the Observation of possible surfactants in River Road WWTP

OBJECTIVE

The objective of this document is to prevent possible surfactants form being transferred to the Cypress WTP.

Foaming visible in the Aeration Basins or the Secondary clarifiers. (greater than trace amounts)

- This will be confirmed with a sample from the Secondary Clarifier combined effluent tested for foaming. If this foaming action cannot be replicated no action will take place.
- If the foaming action can be replicated a sample will be taken from the Chlorine contact Basin and tested for foaming. If this foaming cannot be replicated the test will be performed every two hour for the next two hours to confirm that foaming is not replicated in the CCB. (should this be every hour for the next two hours?)
- If it is agreed upon that there is surfactant in the water the Operations Supervisor will be notified, and the decision to shut down will begin.
- The Cypress DPR will make the decision concerning foaming and the affect it has on the water treatment and the decision to shut down.

WTP

Related SOP: RIVER ROAD SHUTDOWN COMMUNICATION PROTOCOL

Prepared By: B. Thornton

Prepared Date: 5-9-14

Approved by: [Signature]

Approved Date: 5/9/14

Reviewed by: _____

Reviewed Date: _____

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