

Direct Potable Water Reuse Standard Operating Procedure

Wichita Falls, Texas

SOLIDS WASHOUT into the Chlorine Contact Basin WW-O1

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

INTRODUCTION

This is the Standard Operating Procedures in the event of a Solids washout in the Secondary Clarifiers.

OBJECTIVE

The objective of this document is prevent a high volume of solids being transferred to the Cypress WTP

Indicated by: A high volume of visible Solids in the Secondary Clarifiers effluent or in the Chlorine contact Basin.

Action: Immediately grab a 2 Liter sample from the Secondary Clarifier combined effluent and perform a settleability test using an Imhoff cone. (one mill in the Imhoff cone equals about 15 Tss mg/l)

- Any amount in the Imhoff cone over 3.0 mls could be a problem for the Cypress DPR . At this point, you will contact the Cypress DPR plant and inform them of the situation and the duration of the event.
- The Secondary Clarifier combined effluent will be tested every hour until the solids in the Imhoff cone are below a 1.
- The On Call Supervisor will be notified.
- The Cypress DPR will make the decision concerning the level of solids and the affect it has on the water treatment.
- The decision to shut down will be made through the on call Supervisor (OCS) who will coordinate the discussion between the River Road WWTP and the Cypress WTP.
- Cypress DPR will be notified when the solids are back down.

Related SOP: RIVER ROAD SHUTDOWN COMMUNICATION PROTOCOL DPR SOP

Prepared By: _____

Prepared Date: _____

Approved by: _____

Approved Date: _____

Reviewed by: _____

Reviewed Date: _____

Reviewed by: _____

Reviewed Date: _____

Reviewed by: _____

Reviewed Date: _____

Reviewed by: _____

Reviewed Date: _____

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

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Sign below and date that you have received this SOP.

Name	Signature	date	Signature	date
_____	_____	_____	_____	_____
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