

Direct Potable Water Reuse Standard Operating Procedure

Wichita Falls, Texas

High E-Coli at Sample at CCB Effluent WW-O12

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

INTRODUCTION

This is the Standard Operating Procedures for a high E-Coli result at the Chlorine Contact Basins Effluent on River Road WWTP. A High result is defined as a 75 CFU/100 mL. When this occurs, it will result in Convening of the Water Quality Task Force.

OBJECTIVE

The objective of this document is to provide an action plan in the event that a pathogen level exceeds the above stated limits.

The results from the River Road lab will be sent to the wastewater supervisor. The supervisor will pass the results to the Utility Manager and Superintendents of the WTP and WWTP if they are exceeding the limit.

If the results exceed the allowable limit stated above and all active parties have been informed the following actions will take place.

- The City will convene the Water Quality Task Force
- The Water Quality Task force will determine the necessity of shutting down the transfer of water. If they decide to do so the following actions will be started.
- The Utility's Manager will initiate the notification of shut down or his designated appointee.
- The Cypress WTP and the River Road WWTP will coordinate turning off the pumps.
- Turn the DPR pump controls to the off position so the pump can't auto restart. If utilizing the electric pump reference # 1 image. If utilizing the diesel pump reference image # 2 for motor controls.
- The new sample will be will be caught and test as soon as is physically possible.
- The treatment of water from the River Road WWTP to the Cypress TWP will be stopped until new sample results arrive indicating that the Pathogen levels are below the stated values above.
- Once confirmation of the new lab results is made by all parties coordination between the River Road WWTP and the Cypress WTP will be made to start treating the water again.

Associated SOP's: River Road Shutdown Communication and E-coli sampling

Prepared By: Bill Thornton

Prepared Date: 5-9-14

Approved by: Hal Bunn

Approved Date: 5/9/14

Reviewed by: _____

Reviewed Date: _____

Reviewed by: _____

Reviewed Date: _____

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Reviewed Date: _____

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

Sign below that you have received this SOP.

Name	Signature	date	Signature	date
David Souilliere			Mark Huggins	
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Orville Sosebee			Jessie Martin	
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Electric Pump Off Switch

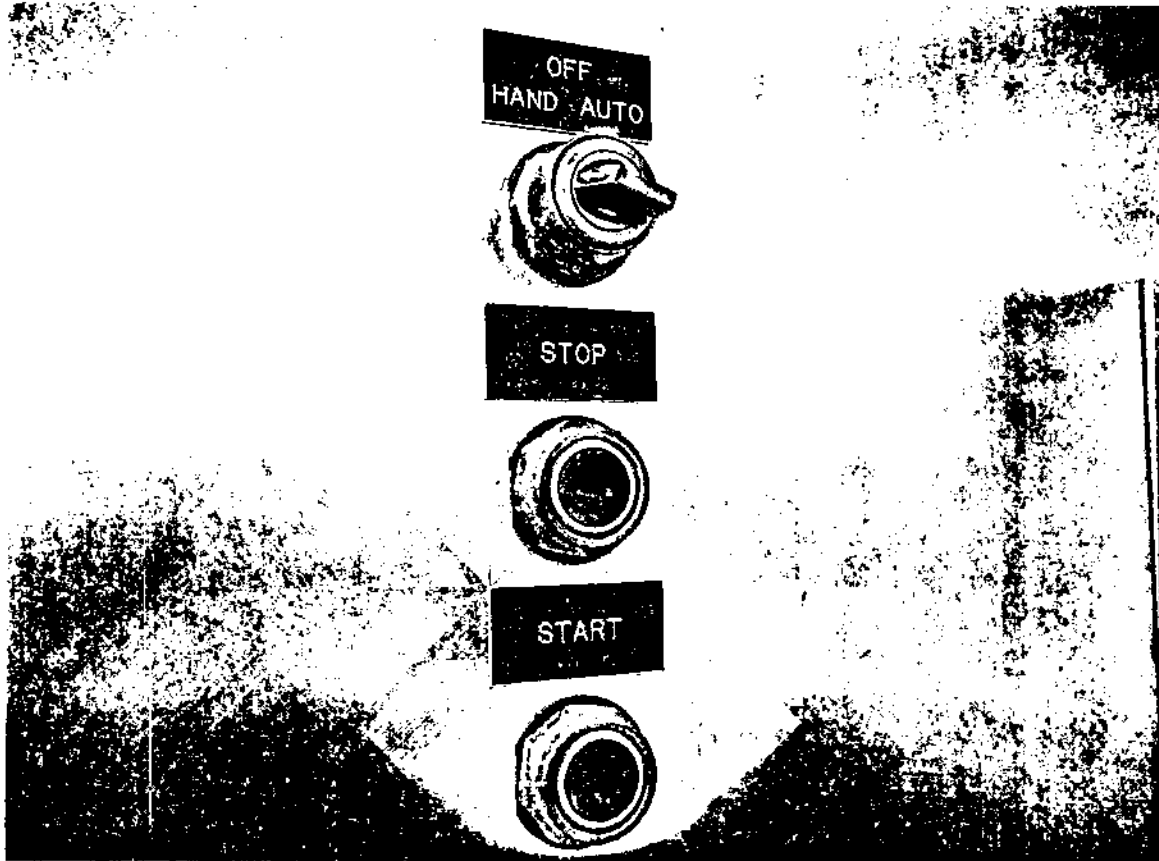


Image # 2

Diesel Pump Off Switch

