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5-10-14

Direct Potable Water Reuse Standard Operating Procedure

Wichita Falls, Texas

River Road Power or Equipment Failure WW-O5

This SOP supersedes any previous SOP on this topic.

INTRODUCTION

This is the Standard Operating Procedures for the event of loss of electrical power or equipment failure at the River Road WWTP.

OBJECTIVE

The objective of this document is to provide guidelines for the course of action before water flow can be restored to Cypress Water Plant.

In the event of a power failure to the treatment phase section of the River Road WWTP will be cause to shutdown of the pump sending water to Cypress DPR, the shutdown, will take priority and will be initiated immediately.

1. In the event of a power failure, the pumps conveying water to Cypress Water Plant will been shut off immediately. *how? Add pump information like in high pathogen*
2. Communications to Cypress staff will be after shut down. The Cypress DPR Operator will be notified immediately by phone or Radio.
3. All shut downs will be written down in the logbook with who spoke (first and last name of both parties), the reason for the shutdown, the amount of time from the initiation of the shutdown to the time the pump was actually not pumping.

Once the power to the affected areas of the plant have been restored.

1. All parameters of the affected area will be returned to conditions prior to the power outage to insure no detrimental effects of the water quality.
2. When the determination that all areas affected by the power failure are back to previous conditions and the quality of the water has not diminished and has met all treatment requirements, the Cypress DPR staff will be notified.
3. Upon approval, the DPR pump will be started and a flow rate established as requested by Cypress DPR staff.

how is this done?

by whom

Related SOP: Emergency Reclaim Water Communications and Shutdown Parameters

Prepared By: Bill Thornton

Prepared Date: 5-9-14

Approved by: Leo Burns

Approved Date: 5/9/14

Reviewed by: _____

Reviewed Date: _____

Reviewed by: _____

Reviewed Date: _____

Reviewed by: _____

Reviewed Date: _____

SOP considered effective upon approval date.

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

Sign below and date that you have received this SOP.

Name	Signature	date	Signature	date
David Soulliere			Mark Huggins	
Johnny Chavez			Ron Kendrick	
Katharine DeMara			Rodney Allen	
Paul Blackwell			McIlvenia	
Ian fox			Diana Graham	
Paul Carr			Damon Halper	
Orville Sosebee			Jessie Martin	
Orlando Simpliciano			James Selgler	
Cheryl Chaney				