

Direct Potable Water Reuse Standard Operating Procedure

Wichita Falls, Texas

River Road Power or Equipment Failure

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, it will trigger the 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 be shut off immediately.
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.

Are pumps
on generator?

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

1. All parameters of the affected area will be monitored to ensure that normal operating procedures are restored with no detrimental effects on the water quality.
2. When the determination that all areas affected by the power failure are back to normal parameters 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.

Are normal
procedures and
normal parameters
defined elsewhere?

Related SOP: Emergency Reclaim Water Communications and Shutdown Parameters

Prepared By: _____

Prepared Date: _____

Approved by: _____

Approved Date: _____

Reviewed by: _____

Reviewed Date: _____

may want multiple review line

SOP considered effective upon approval date.

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

read this SOP and understand
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
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