

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PTR PROGRAM STAFF GUIDANCE

ROOF SLOPE REQUIREMENTS FOR WTP CHLORINE CONTACT BASINS

Rules Affected: Title 30 Texas Administrative Code (TAC) §290.43(c) for design and construction of clearwells, standpipes, ground storage tanks, and elevated tanks.

Background:

The roof of all clearwells, standpipes, ground storage tanks and elevated tanks shall be designed and erected so that no water ponds at any point on the roof and, in addition, no area of the roof shall have a slope of less than 0.75 inch per foot as stipulated in 30 TAC §290.43(c). 30 TAC Chapter 290 does not specify the roof slope requirements for Water Treatment Plant chlorine contact basins.

Guidance:

The 0.75 inch per foot roof slope is required for ground storage tanks, clearwells, standpipes and elevated storage tanks; however, it is not a requirement for disinfection basins or chlorine contact basins that are not used for finished water storage.

END

Finalized and Approved by:



Ada Lichaa, Section Manager, 06/12/2014

If no formal expiration date has been established for this staff guidance, it will remain in effect until superseded or canceled.

Revision History

Date	Action	Action by
04/02/2014	Created	Jose J. Castillo, P.E.
05/13/2014	Approved	Vera Poe
04/24/2014	Approved	Jennelle Crane
06/12/2014	Approved	Ada Lichaa