

North Central 4-H Camp Wastewater Treatment Plant

30,000 gpd WWTP with Flow Equalization, Chlorination, Post Aeration and De-Chlorination/Flow Monitoring. This was a replacement for an existing treatment plant, designed based on a 20,000 gpd flow with a 36 hour retention of the average daily flow. The De-Chlorination and flow measurement were accomplished using a detached V-Notch Weir Chamber mounted next to the clarifier.



Figure 1) Entrance to North Central 4-H Camp



Figure 2) WWTP Site



Figure 3) 30,000 gpd WWTP with Integral Chlorine Contact Tank



Figure 4) V-Notch Weir Chamber, Designed with correct Approach Channel Dimensions



Figure 5) Chlorine Shed, Flow Control Box, Flow Equalization Blower



Figure 5) Full Grating, Perimeter Hand Rail, Main Blowers, and Control Panel

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Figure 1) WWTP arriving at site



Figure 2) Maneuvering WWTP to final destination



Figure 3) Rigging the WWTP for the lift



Figure 4) Free from the trailer



Figure 5) Almost there



Figure 5) Making final alignments