

Market: Environmental
Product: ArmorThane 310/Pthalo Green
Project: Well Foundation
Owner: City Municipality Water Plant

City Water Plants are governed by the DEP (Department of Environmental Protection). The city has to adhere to strict regulations for their water wells. The well collar must be sealed to the foundation and not allow any air into the system. Previous coatings would crack when the concrete moves with temperature change.



B&T Construction was hired to install a seamless coating, that not only bonded with the concrete foundation, but also bonded with the steel pump flange. Foundation and pump were cleaned of all existing coatings. Armortahne Highline 310 was then applied to an approximate thickness of 80 mils. With ArmorThane Highline 310 being UV stable and having an elongation of 200%, the weather and movement of the pump would not cause the new coating to crack or fail the DEP testing.