



Case Study Category: REDW

Case Study Title: HDPE Water Transmission Main for the Navajo Nation, Counselor, New Mexico

Utility Name: Navajo Nation -- Counselor Chapter

Case Study Abstract: A new water line was being constructed and was designed to serve nearly 10,000 people of the Navajo Nation in northwestern New Mexico. Many of the inhabitants had no running water to their homes and water they could access was not always safe to drink. A 13 miles section of the line passing through corrosive soils made up Phase 2 of the entire project transporting clean water from Nageezi to Counselor, NM. The consulting engineer decided that high density polyethylene piping was the right material for the job for its resiliency to corrosion and proven leak and maintenance minimizing characteristics.

Case Study Link: <http://waterid.org/content/hdpe-water-transmission-main-navajo-nation-counselor-new-mexico>