

Case Study: Decorative/ Fishing Pond



PROBLEM

Washington Department of Fish and Wildlife wanted to provide a fishing area that was safe for children and disabled persons near Chelan Falls on the Columbia River.

SOLUTION

The solution was to excavate and construct a pond with access areas and fish habitat.

CONSTRUCTION DETAILS

The pond was constructed near the Columbia River with controlled access and a parking area with care being taken to keep the river clean. Water intake and overflow structures were built to get water from the river and let it flow back into the river after being in the pond. The pond was lined to prevent water loss because the native soil was very sandy and rocky. After the lining was complete the pond was landscaped with native plants, waterfalls and large rocks were added to create a natural look. Structures and fish habitat were placed in the pond to provide for the native fish released into the pond. Fishing areas were created that allowed for children and disabled persons to be able to fish in a safe environment.

MATERIALS USED

8 oz. Non-Woven Geotextile above and below the liner as a cushion.
40 mil HDPE Geomembrane Single Sided Textured Liner



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