AquaDam Installation in Ferndale, CA in January of 2023

Aqua Dam Inc. along with the City of Ferndale helped to install a 1.5' tall 3' wide (when filled) 600' long AquaDam with three connection collars to go around a sewage pond to help prevent effluent from over topping into Francis Creek. The work site is shown below (Image 1), which is located in Ferndale, CA.

Image 1: Plan view with work site from Google Earth Pro. The AquaDam for this project was installed inside the yellow shape.

This project used four AquaDams to help prevent the sewage effluent from reaching Francis Creek. The AquaDams acted as an extension to the existing pond berm for the rising sewage waters. This AquaDam was put in and filled with in just a few hours using only two 3" Honda WB30XT pumps.

Image 2: Job site prior to installation of the AquaDams.

Image 3: Aerial image showing the path of where the AquaDams were placed (in red) to help restrain the effluent in the wastewater pond.

Image 4: 1.5' tall double closed end (DCE) Starter AquaDam being filled using the wastewater on site.

Image 5: Pumping both fill tubes of the DCE AquaDam with two connection collars.

Image 6: AquaDams fill tube secured but leaning over and allowing water to spill out.

Image 7: The fill tube on the AquaDam have been reinforced and elevated to keep the water inside secured.

Image 8: A single closed end (SCE) AquaDam has been connected to the DCE AquaDam with the connection collar prior to the DCE AquaDam being full.

Image 9: SCE AquaDam at the end with a connection collar.

Image 10: SCE AquaDam filling using two (2) 3" Honda WB30XT water pumps.

Image 11: Top view of the two AquaDams connected with a connection collar and the second AquaDam filling.

Image 12: End of SCE AquaDam with connection collar ready for the next AquaDam, if extra length is needed.

Image 13: The AquaDam can be tied to anchor points to help keep the unit from rolling/sliding on cross slopes.

Image 14: AquaDams can be tied back at multiple points to keep from rolling on a cross slope.

Image 15: Four photos of AquaDams installed around the pond.