

**PROJECT NAME:**

Danish Flats Environmental

**PROJECT LOCATION:**

Cisco, Utah

**PROJECT APPLICATION:**

HDPE Lining of Evaporative Pond

**MATERIAL USED:**

HDPE 60 mil



Evaporating Ponds

**PROJECT CHALLENGE:**

- Project was in a remote location and had a very aggressive schedule. The CLI Crew needed to start work at 5:00 AM to get ahead of the wind which came up daily at around 10:00 am. We used a ballast during deployment and pulled the ballasted panels into place with a track Bobcat. The wind also created difficult welding conditions requiring extra cleaning along the seams to keep the welding surfaces clean and free from dirt.

**PROJECT SOLUTION:**

- Forty to fifty mile per hour winds proved to be a major challenge for installation crews tasked with lining 13 evaporation ponds, each approximately 4 acres each. The large pits are intended to dispose of production water from natural gas wells through evaporation. Winds in the east/central region of Utah, just near the border of Colorado; often began blowing after 10 am each day and made deployment and site coordination very important.

Other factors affecting the project were the size & depth of the lagoons, which directly impact the maximization of storage and evaporation rates. The project required the engineering expertise of Weaver Boos Consultants, who have offices located in Greenwood Village, CO.

Colorado Lining and Weaver Boos worked together on a strategic design and installation plan for the project. The completion of each cell was critical to the success of the facility. Despite these obstacles, CLI crews were able complete the job successfully & were contracted to complete additional ponds for the client.