




# TWITCHELL ISLAND DMPS CASE STUDY

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## PROJECT INFO

*Fencing Type:* AMX-T40

*Installation:* Below Ground

*Longevity:* Temporary

*Species:* Western Pond Turtle &  
Alameda Whipsnake

*Client:* Port of Stockton

*Location:* Twitchell Island,  
California, USA

## SUMMARY

Animex installed temporary exclusion fencing to enclose the construction of a dredged material placement site (DMPS) in support of maintenance dredging in the Stockton Deep Water Ship Channel (DWSC). The 35-acre DMPS was established on Twitchell Island, adjacent to restored wetland habitat known to be inhabited by Alameda Whipsnakes (*Masticophis lateralis euryxanthus*) and Western Pond Turtles (*Emys marmorata*). The fence was installed at an angle for one-way movement, serving as an effective exclusion barrier while allowing animals to escape the active construction zone. Following construction of the DMPS, the fence was removed and disinfected to be used for future projects.



### Challenges

- Sensitive area
- Short install window
- Multiple species



### Actions

- Low impact
- Unique design
- Installation support



### Outcomes

- One-way escape
- Low maintenance
- Quick installation

