

BORREGO SPRINGS PIPELINE FEASIBILITY STUDY March 28, 2012



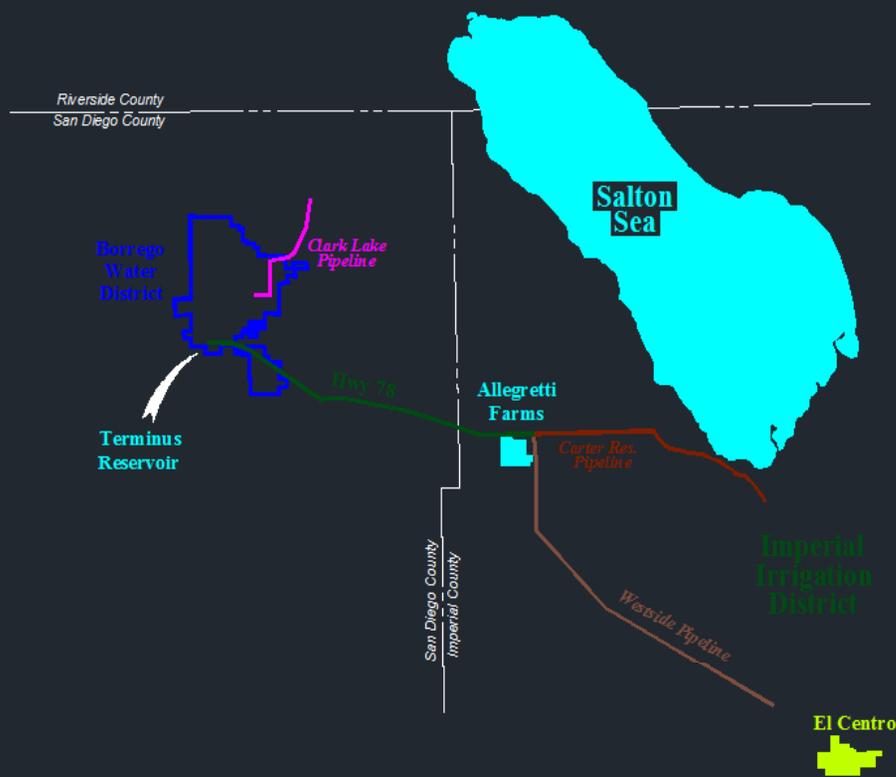
What is it?

- State and Tribal Assistance Grant (STAG)
- Federal funding through U.S. EPA
- Facilitated by Congressman Duncan D. Hunter
- \$266,750 Grant, reimbursed after tasks were completed
- Scope of Work Approved September 2010
- Final Report Submitted February 2012
- Received Final Payment from EPA on March 12, 2012

Project Tasks:

- ◉ Design pipeline route to Clark Lake
- ◉ Design pipeline route to Hwy 78
- ◉ Design terminus reservoir at Wilcox Site
- ◉ Study route to Allegretti Farm
- ◉ Study route to Carter Reservoir
- ◉ Study route to Westside Main Canal

Location Map:



Meetings/Reports:

- Imperial Irrigation District
- Anza-Borrego Desert State Park Staff
- California Department of Fish and Game
- California Department of Transportation
- U.S. Fish and Wildlife Service
- U.S. Bureau of Land Management
- U.S. Bureau of Reclamation

Deliverables:

- 100 Map Sheets
- 8 Task Reports
- 4 Progress Reports to U.S. EPA
- 4 Payment Requests
- 1 Final Report to U.S. EPA (39 pages)

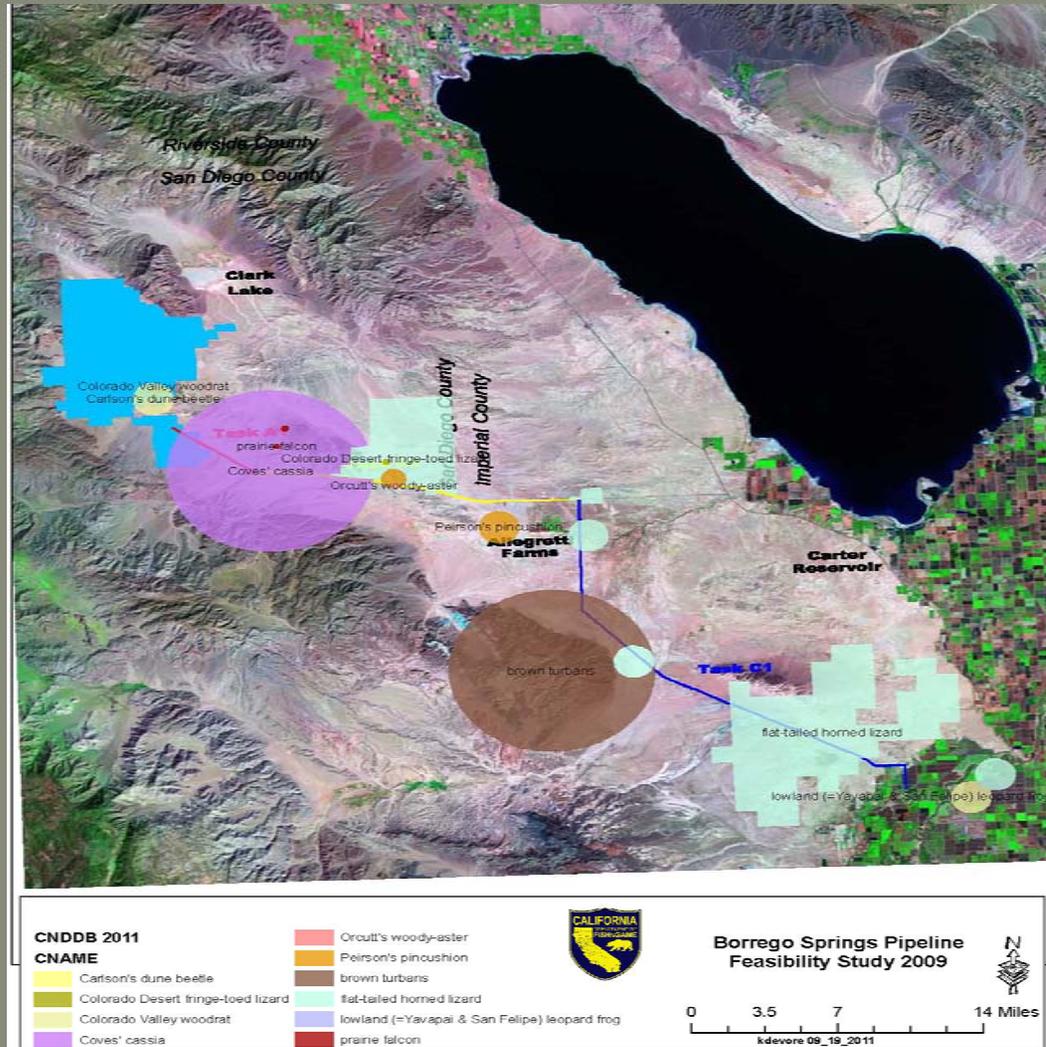
What Did We Learn:



What Did We Learn:

- Just because the route follows existing roadway and power line easements does not make the project easier!
- CalTrans roadway easement on State Route 86 is too narrow for a pipeline.
- Native American archeological sites could exist on pipeline route.
- Some BLM land has restrictions on use.
- Pipeline route crosses areas of environmental concern and an ecological preserve.

Habitat Map:



Route through Habitat:



Conclusions:



Conclusions:

- Based on the conclusions from this study, one can infer that the community of Borrego Springs should concentrate on moving towards valley-wide sustainability over importation for the following reasons.

Conclusions:

- The burden of the cost of building the infrastructure cannot be absorbed by the 3,400 inhabitants.
- The agriculture and golf course industry will not be able to afford the necessary fee that would be imposed to recharge the aquifer.
- If an outside source of water were to be found, the long-term security of the supply would be in question.

Conclusions (cont.):

- Water storage by another agency in the Borrego Valley Aquifer stands very little chance due to the extreme costs associated with delivering and retrieving the stored water.
- It is possible that this fact may reverse over the coming decades as water supplies in the desert southwest become increasingly more scarce.

Final Report can be found at:
www.borregowd.org



Thank You!

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