

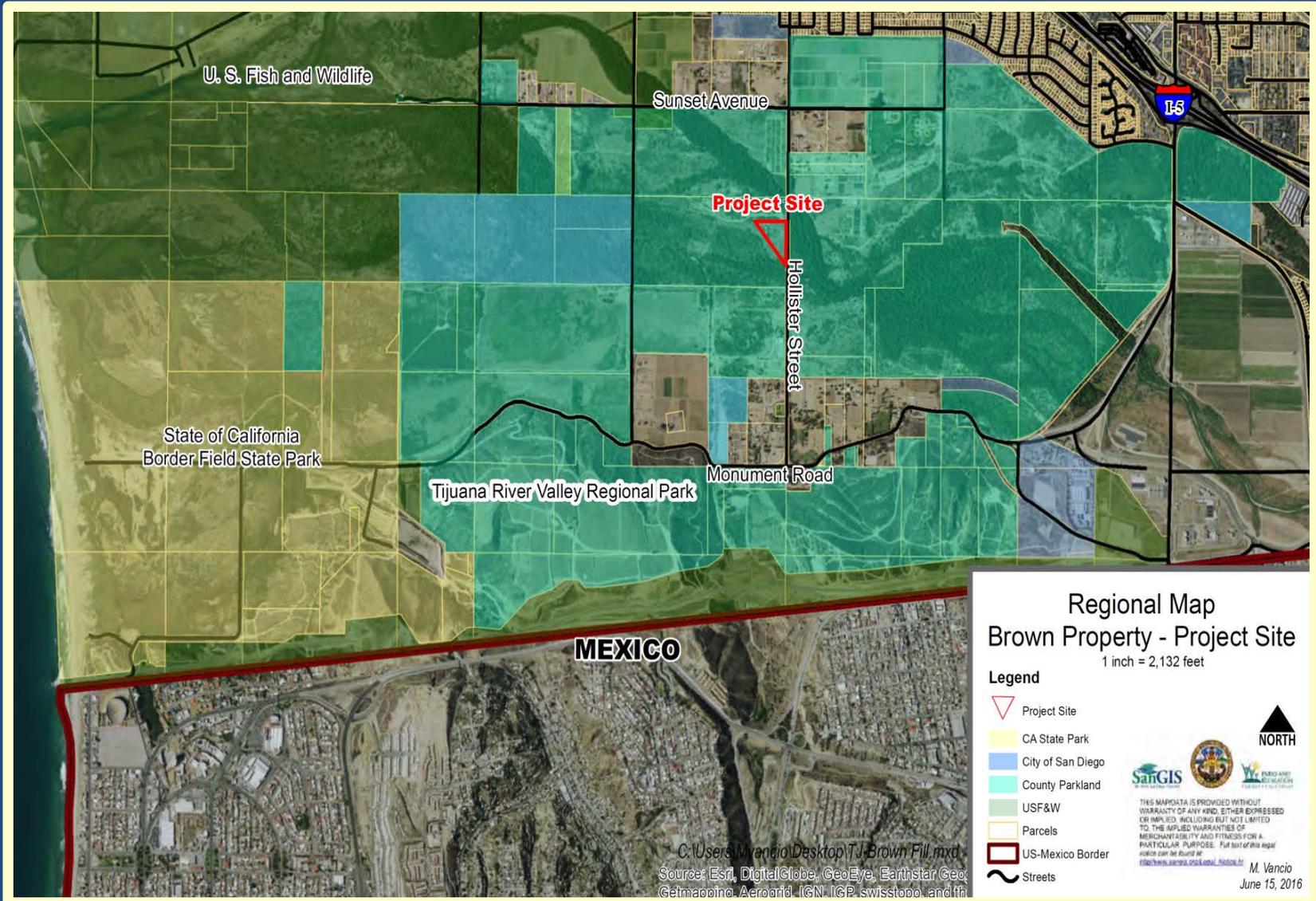
# Southern California Wetlands Recovery Project (SCWRP)

## Work Plan Proposal for Brown Property Hydrology Study Tijuana River Valley Regional Park

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# SCWRP – Brown Property Hydrology Study



**Brown Property  
Project Site Map  
Existing Site Conditions**



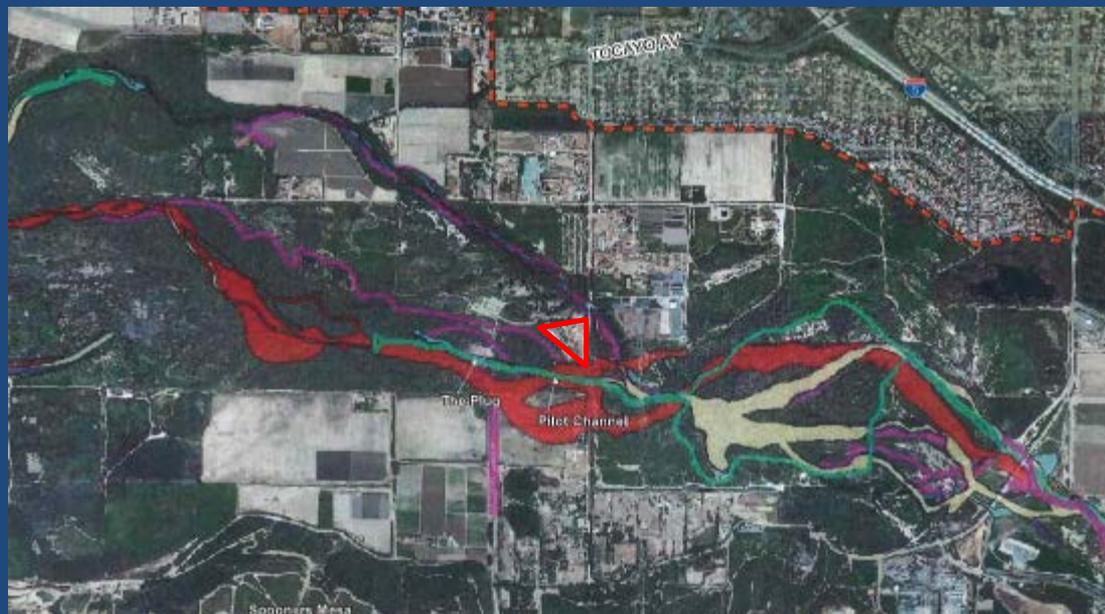
# Property History

- 1980's Browns place illegal fill to build a berm
- 1992 Life Estate signed w/ County
- 1993 storm shifted the river northernly
- 1993 FEMA requested City remove fill
- 1994 Study that 1993 storm fill increased 0.9'
- 1998 City Abatement notice to Mrs. Brown
- 2001 CA-IWMB site report
- 2003 City DWR grant application \$2.7M
- 2003 City ACoE request to cost share removal
- 2009 County gained possession of property
- 2009 County removed illegal structures and debris
- 2014 RWQCB request for Cleanup & Abatement Account funds
- 2015 Recovery Team adds site to 5-Year Action Plan



### Legend

-  TJRV Planning Area
-  Tijuana Estuary
- Historic River Channel Year**
-  1928
-  1953
-  1966
-  1978



### Legend

-  TJRV Planning Area
-  Tijuana Estuary
- Historic River Channel Year**
-  1983
-  1992
-  1995
-  1998
-  2005
-  2007



Raised fill seen in foreground  
adjacent to Hollister Street



Looking South-West:  
Remaining barn, house and  
storage facility, palm trees  
and oak tree

Looking -West:  
The corner of Hollister Street  
and the access road to the  
TRVRP County staging area



# Proposed Hydrology Study

- Prior to implementing fill removal and a stream restoration project, a hydrology study is necessary:
  1. Evaluate existing conditions & hydrology
  2. Evaluate future scenario hydrology

# Hydrology Scope

- Review City's H&H study for baseline
- Site investigation
- Grading plan for hydraulic modeling only
- Proposed condition hydraulic model based on baseline model.
  - Reflects removal of fill and impacts/benefits
  - Up to two alternatives
- Map of proposed condition floodplain
- Report of impacts/benefits

# Project Costs

- Hydrology Study \$10,000 + matching costs
- Potential removal & restoration
  - City of San Diego 2003 estimate \$2,721,500

# Next Steps

- Letters of Support
- Submission of application
- Presentation to SCWRP (September)
- Hydrology Study

# Questions?

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