

FERC Project No. 14797
Devil Canyon Project
Aquatic Invasive Species Study Approach

FIELD RESULTS AND DATA SUMMARY

April 6, 2018

The California Department of Water Resources (DWR) provides the following field results and data summary for the Devil Canyon Project, *Aquatic Invasive Species Study Approach*, which includes work completed to date, key findings, and associated data files.

Completed Work:

DWR has completed all portions of the Aquatic Invasive Species Study Approach. DWR's methodology followed the *Aquatic Invasive Species Study Approach*. A summary of completed work is as follows:

- Silverwood Lake was surveyed for aquatic invasive species (AIS), including AIS plants and AIS invertebrates.

Key Accomplishments/Summary of Findings:

The completed work referenced above resulted in the following:

- AIS plant surveys at Silverwood Lake occurred August 28 through September 1, 2017. A total of 262 AIS plant occurrences were recorded and 4 AIS plant species were found: curly pondweed (*Potamogeton crispus*), Eurasian water milfoil (*Myriophyllum spicatus*), coontail (*Ceratophyllum demersum*), and Sago pondweed (*Potamogeton pectinatus*).
- AIS invertebrate surveys at Silverwood Lake occurred September 5 through September 8, 2017. A total of 21 AIS invertebrate occurrences were recorded and 2 AIS invertebrate species were found: Asian clam (*Corbicula fluminea*) and channeled apple snail (*Pomacea canaliculata*).

Associated Data Files (All associated data can be found at the file location below on DWR's Devil Canyon Project Relicensing Website. (<http://devil-canyon-project-relicensing.com/>))

File Name	Data Description	File Type	File Location
20170830_dwr_p14797_ais_nnip	Plant datasheets	PDF	Studies/Study-1-Aquatic-Invasive-Species/Associated Data Files/Datasheets
20170905_dwr_p14797_ais_inverts	Invertebrate datasheets	PDF	Studies/Study-1-Aquatic-Invasive-Species/Associated Data Files/Datasheets
DC AIS File Request	Photos	Zipped JPEGs	Studies/Study-1-Aquatic-Invasive-Species/Associated Data Files
DC AIS File Request	Photos	Zipped JPEGs	Studies/Study-1-Aquatic-Invasive-Species/Associated Data Files
201708-09_dwr_p14797_	Maps and any	Zip	Studies/Study-1-Aquatic-Invasive-Species/Associated Data Files/Maps

ais_occurrences	necessary data		and GIS Data
20171215_dwr_p 14797_photo_log	Photo Log	MS Excel	Studies/Study-1-Aquatic-Invasive-Species/Associated Data Files/Photos

Variations from Study Methods, Schedule or Approach and Abnormalities in Expected Field Conditions:

The completed work referenced above resulted in the following variance:

- The original invertebrate sampling Site 5 at the dam wall was too deep and the waters were too choppy during the surveys to safely check dredge samples off the side of the boat. Another nearby sample site, located east of the original Site 5, was selected as a substitute.

Remaining Work:

The Study is complete.