

FERC Project No. 14797
Devil Canyon Project
ESA-Listed Plant Species Study Approach

FIELD RESULTS AND DATA SUMMARY

April 9, 2018

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

Completed Work:

DWR has completed all portions of this Study Approach, specifically conducting surveys to identify the potential occurrence of any Endangered Species Act (ESA)-listed plants within the Study Area. DWR's methodology followed the *ESA-Listed Plant Species Study Approach*. A summary of completed work is as follows:

- All areas of the ESA-Listed Plant Species Study Area were evaluated between April 4 and June 16, 2017 for the presence of ESA-listed plants in conjunction with the Botanical Resources Study Approach field surveys.

Key Accomplishments/Summary of Findings:

The completed work referenced above resulted in the following:

- Four ESA-listed plants were identified as having potential to occur in the Study Area: slender-horned spineflower (*Dodecahema leptoceras*), Nevin's barberry (*Berberis nevinii*), Santa Ana River woolly-star (*Eriastrum densifolium* spp. *sanctorum*), and thread-leaved brodiaea (*Brodiaea filifolia*).
- Field surveys conducted in 2017 were floristic in nature, and all species observed were identified and recorded (see Associated Data Files).
- None of the target ESA-listed plant species listed in the Study Approach, nor any other ESA-listed plants, were observed during 2017 field surveys.
- The study area for this effort is the same as for the Botanical Resource study. Please refer to the Botanical Resource Study maps for study area reference.
- Some areas of steep terrain could not be surveyed on foot, but were evaluated through visual reconnaissance via boat using binoculars.

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
20170901_dwr_dc_botanical_inventory_fnl	List of all plant species observed during 2017 botanical field surveys	MS Excel	Studies/Study-4-ESA-Listed-Plant-Species/Associated Data Files/Botanical Inventory

File Name	Data Description	File Type	File Location
2017_dwr_dc_weekly_summa ry_crew_compiled_all.pdf	Weekly summaries	PDF	Studies/Study-4-ESA- Listed-Plant- Species/Associated Data Files/Weekly Summaries

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

There were no variations from the Study Methods, Schedule, or Approach encountered during the *ESA-Listed Plant Species Study Approach*.

Remaining Work:

The Study is complete.