

Special-status Plants and Non-native Invasive Plant Study
SUMMARY

Consistent with Section 6.0 of the *Special-status Plants and Non-native Invasive Plant Study Plan* (Plan) that was filed with FERC on January 9, 2017,¹ the SSWD provides the following summary for the *Special-status Plants and Non-native Invasive Plant Study* (Study). The summary includes a description of the work completed to date, key findings, variances, and remaining work. Links to associated data files are also included. SSWD considers these data to be public.

Work Completed as of 3/1/18:

SSWD has completed the Study. Specifically, SSWD completed Step 1 (Gather Data and Prepare for Field Efforts); Step 2 (Conduct Field Surveys); and Step 3 (QA/QC) of the Plan. Surveys were conducted for special-status plants and non-native invasive species (NNIP) within the Study Area which encompassed four areas: 1) the North Shore Recreation Area (NSRA); 2) the South Shore Recreation Area (SSRA); 3) the Camp Far West Dam and associated dikes and Spillway; and 4) the Camp Far West Powerhouse, for a total of 505 acres, from April 14, 2017 to July 27, 2017. The last step (Step 4: South Sutter Water District’s Project Operations Staff Consultation) was completed on March 15, 2018.

Key Findings:

There were 206 plant species identified during the surveys; 94 were native species. No special-status plants species were identified. A total of 102 plant species identified were non-native, but not considered invasive.

There were 10 NNIP species recorded during surveys, with a total of 544 occurrences: Barbed goatgrass (*Aegilops triuncialis*) (11 occurrences); cheatgrass (*Bromus tectorum*) (2); Italian thistle (*Carduus pycnocephalus*) (161); tocolate (*Centaurea melitensis*) (6); yellow starthistle (*Centaurea solstitialis*) (73); skeletonweed (*Chondrilla juncea*) (36); morning glory (*Convolvulus arvensis*) (1); Bermudagrass (*Cynodon dactylon*) (26); Medusahead grass (*Elymus caput-medusae*) (87); and Klamathweed (*Hypericum perforatum* ssp. *perforatum*) (141).

Project O&M in the area of NNIP occurrences includes mowing in the recreation areas around campsites, herbicide application on the dam face, and maintenance of Project roads. The other Project activity in the areas of NNIP occurrences is recreation, which is year-round at the North Shore and seasonal at the South Shore.

Associated Data Files:

SSWD prepared the three data files, which are available on SSWD’s public relicensing website (www.sswdrelicensing.com), listed below in Table 1.

Table 1. Data files associated with Study summary.

File Name	Data Description	File Type and Size
2017 Camp Far West NNIP table	Spreadsheet from NNIP surveys	Microsoft Excel, 60.3 kb
2017 Camp Far Complete Plant list	Spreadsheet with all plant species	Microsoft Excel, 63.2 kb
2017 Camp Far West NNIP Maps	Maps of all NIP occurrences	Adobe Pdf, 17.2 Mb

¹ The Plan is available on SSWD’s public relicensing website (www.sswdrelicensing.com) under ‘Study Plans.’

Variations:

None.

Remaining Work:

None.