|  |  |
| --- | --- |
| Project Name | Department of Water Resources (DWR)- FERC Project No. 2426, South SWP (SSWP) Hydropower Relicensing |
| Study | Botanical Study- Proper Functioning Condition (PFC) Surveys (WEEK 2) |
| Crew Member Name (1) | Rocky Brown (RB), Marlyng Gama (MG), Lauren Fah (LF) |
| Crew Member Name (2) | - |
| Crew Member Name (3) | - |

|  |  |  |
| --- | --- | --- |
| Survey Date(s) | Survey Location | Survey Completion Notes |
| 5/15/2017 | Gorman Creek Overpass | * GCR-1: GCR-LO-1A; GCR-LO-1B |
| 5/16/2017 | Pyramid Lake (Downstream Dam Vicinity), Piru Creek | * PLR-1: PLR-LE-1A * PLR-2 * PLR-3 * PLR-4: PLR-LE-4A * PDR-1: PDR-LE-1A; PDR-LE-1B; PDR-LE-1C * PCR-1: PCR-LO-1A |
| 5/17/2017 | Pyramid Lake | * PLR-1: PLR-LE-1B; PLR-LO-1C; PLR-LE-1C; PLR-LE-1D * PLR-5 * PLR-6 |
| 5/18/2017 | Pyramid Lake | * PLR-1: PLR-LE-1E * PLR-7 * PLR-8 * PLR-9: PLR-LE-9A; PLR-LO-10A |
| - | - | - |

|  |
| --- |
| Summary of Biological Findings |
| - |
| Study and Protocol Comments |
| * Monday: Met with the DWR chaperone, Joseph Salazar, to assess the Gorman Creek Bypass portion of the project site. Needed to initiate lockout/tagout procedures for the bypass canal, though we didn’t end up needing to do any work in or directly adjacent to the canal, instead conducting our assessment in Gorman Creek itself. * Tuesday: Again met with Joseph Salazar to gain access to Pyramid Dam and Piru Creek immediately below the dam through the locked gate at Frenchman’s Flat campground. Subsequently began assessment of Pyramid Lake shoreline by pontoon boat out of the Pyramid Lake Marina. * Wednesday & Thursday: Continued assessment of Pyramid Lake shoreline and associated drainages, completing work in the area on Thursday afternoon in the vicinity of the Warne Powerplant. (RB) |
| Additional Comments |
| * While the pontoon boat was extremely useful in conducting the survey around Pyramid Lake, there were a small number of areas that were not able to be accessed to their fullest extent due to shallow water and vegetation overgrowth. These generally can be characterized as the mouths of a few of the more significant drainages feeding into the lake (i.e., Upper Piru Creek). I think there may have been three areas that fit these criteria, which we assessed based on the conditions as far up the drainages we could get on the boat (admittedly, not terribly far for the aforementioned reasons). I believe that the PFC assessment for these areas as we have done it should be adequate, but we may want to consider a Plan B for the botanical survey. * The canal feeding into Pyramid Lake from Warne Powerplant is not accessible by boat, though we were able to assess it on foot from adjacent recreation areas and roadways to the east side of the canal – not sure about access to the west side as you would have to pass through the powerplant to get to it. * Cell reception is very spotty on the lake, so a satellite phone is necessary for emergency purposes. (RB) |