



Wildlife Survey & Photo Service

2443 Fair Oaks Blvd. # 209 • Sacramento, CA 95825 • (916) 747-8537

November 21, 2018

REPORT 6573
(Scarification and Salmon)

To: Rich Marovich,
Putah Creek Streamkeeper

From: Ken W. Davis, with input from Rick Fowler

PARTIAL REPORT

Effective 11/20/2018 the estimated salmon count for Lower Putah Creek is 312+.

Salmon counts were conducted every day when possible. The counts were completed by Ken Davis and Rick Fowler, SCWA Water Resources / Stream Restoration Technician. A description of the protocol used for the salmon counts and supportive information will be provided in a complete report after the salmon spawn. That information will include:

1. Adult Chinook salmon count (Primarily from PDD to I-505) by time period.
2. Information gathered about salmon redds, their quality, substrate selected, and location.
3. Descriptions of adult salmon appearance (with images) and how appearance affects bank-side counts.
4. Description of adult salmon behavior (with video) and how behavior affects bank-side counts.
5. Importance of video monitoring of juvenile and adult salmon and what it possibly documents.
6. Scarification technique(s) and new ideas on increasing project success (from Rick Fowler).
7. New facts about juvenile salmon in Lower Putah Creek (LPC). A significant number of juvenile salmon have remained in the Lower Putah system and have been documented on video while actively feeding on salmon eggs during the spawn. In many cases they risked potential peril by remaining under the spawning adults amid digging actions by the female and ferocious fights of several males. Full report and video clips to follow.

Ken W. Davis



A pair of salmon a few minutes before they spawned in Lower Putah Creek. 11/20/2018