**Sediment**

During spring 2012 Interim Flows, USGS collected suspended-sediment, bedload, bed gradation data, and stream discharge eight times at six locations. These sampling sites, listed in the downstream direction, are: Highway 41, Skaggs Bridge, Gravelly Ford, 1.3 miles west of Napa Ave (above CBBS), below CBBS, and below Mendota Dam (Table 1).

##### Table 1 USGS Sediment Sampling Dates

|  |  |  |
| --- | --- | --- |
| **Sample** | **Week** | **Friant Dam Release (cfs)** |
| **2012 USGS Suspended-Sediment and Bedload Sampling** | | |
| 1 | March 5 | 365 |
| 2 | March 19 | 351 |
| 3 | April 2 | 354 |
| 4 | April 23 | 505 to 705 |
| 5 | April 30 | 704 to 1004 |
| 6 | May 7 | 1054 to 1105 |
| 7 | May 21 | 1102 |
| 8 | May 28 | 529 to 350 |

Key:

cfs = cubic foot per second

USGS = U.S. Geological Survey

Sediment data for 2012 are provisional and subject to revision; analysis is pending the availability of complete data sets. Provisional sediment data are available for download from USGS at http://waterdata.usgs.gov/nwis.

The SJRRP continues to collect data to manage channel capacity through development of an annual sediment hydrograph for the Restoration Area. Next steps for this effort include regular monitoring at the six established locations, and investigation of sediment contributions from the Cottonwood Creek and Little Dry Creek tributaries in Reach 1A to the San Joaquin River.