GCDAMP FY2017 Knowledge Assessment Summary: Experimental & Management Actions

March 28, 2017

| **Resource Topics🡺**  **Experimental & Management Actions 🡻** | **Aquatic food base** | **Archaeological and cultural resources** | **Humpback chub** | **Hydropower and energy** | **Invasive fish species** | **Other native fish species** | **Rainbow trout fishery** | **Recreational experience** | **Riparian vegetation** | **Sediment** | **Water quality** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fall HFEs > 96‐hr duration** |  |  |  |  |  |  |  |  |  |  |  |
| **Fall HFEs ≤ 45,000 cfs in October or November** |  |  |  |  |  |  |  |  |  |  |  |
| **Humpback chub translocation** |  |  |  |  |  |  |  |  |  |  |  |
| **Larval humpback chub head-start program** |  |  |  |  |  |  |  |  |  |  |  |
| **Macroinvertebrate production flows** |  |  |  |  |  |  |  |  |  |  |  |
| **Mechanical removal of invasive fish species** |  |  |  |  |  |  |  |  |  |  |  |
| **Mechanical removal of rainbow trout from LCR reach** |  |  |  |  |  |  |  |  |  |  |  |
| **Proactive Spring HFEs ≤ 45,000 cfs in April, May, or June** |  |  |  |  |  |  |  |  |  |  |  |
| **Riparian vegetation restoration** |  |  |  |  |  |  |  |  |  |  |  |
| **Spring HFEs ≤ 45,000 cfs in March or April** |  |  |  |  |  |  |  |  |  |  |  |
| **Trout management flows** |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Symbol Key** | | | | | | | | | | | |
| **Strength of Effect** | | | | **Direction of Effect** | | | | | **Confidence** | | |
| **Strong** | **Moderate** | **Weak** | **Unknown** | **Positive** | **Neither** | **Negative** | **Unknown** | **High** | | **Medium** | **Low** |
|  |  |  |  |  |  |  |  |  | |  |  |