GCDAMP FY2017 Knowledge Assessment Summary: Experimental & Management Actions

March 28, 2017

| **Resource Topics🡺****Experimental & ManagementActions 🡻** | **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** |  |  |  |  |  |  |  |  |  |  |  |

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