Alameda Creek Recapture Project

Presentation to the
Sunol Citizens Advisory Council

November 16, 2016
Alameda Creek Recapture Project Needs & Objectives

- Recapture future in-stream flow releases from Calaveras Reservoir and Alameda Creek Diversion Dam (ACDD) required under the Calaveras Dam Replacement Project permits.
- Annual average instream release: 14,700 Acre-feet (AF)
- Annual average recapture: 7200 AF.
Future Instream Flow Releases in Alameda Creek from Calaveras Reservoir and ACDD

- No Diversion (Unimpaired)
- ACDD Diversion Window
- No Diversion (Unimpaired)

FLOW (cfs) vs. DATE

- Calaveras Dam Dry Schedule B (40% of the time)
- Calaveras Dam Normal/Wet Schedule A (60% of the time)
- ACDD Minimum Bypass

Graph details:
- Flow rates range from 0 to 40 cfs.
- Dates from 10/1 to 9/1 shown on the x-axis.
- Key events marked on the graph:
  - 10/1: Start of the dry schedule
  - 11/1: Transition to the normal/wet schedule
  - 12/1: Return to no diversion
  - 1/1: Start of the diversion window
  - 2/1: End of the diversion window
  - 3/1: Return to no diversion (unimpaired)
  - 5/1: Start of the minimum bypass
  - End of the year

Graph notes:
- The graph illustrates the flow releases planned throughout the year.
Alameda Creek Recapture Project Operation

- Operate the Pond as a reservoir:
  - Let the Pond fill in the winter
  - Bring the Pond down in late-Spring to early-Fall
- Pumping to occur generally May - October
- Pumps will be on barges in the Pond
  - Pumping rate: 19.4 MGD (30 cubic feet per second or cfs)
- Distribution to the Regional Water System through the existing Sunol Pump Pipeline
Proposed Project Components

• Four vertical turbine pumps on barges
  • including a mooring system
• Four 16-inch flexible discharge pipelines
• New pipe manifold and connection to existing Sunol Pump Station Pipeline
• Throttling valves and a flow meter
• Electrical control building
• Electrical transformer and utility poles
Alameda Creek Recapture Project
Estimated Schedule

• **Publication of the Draft Environmental Impact Report (EIR):** November 30, 2016

• **Draft EIR Public Hearing in San Francisco:** January 5, 2017

• **Draft EIR Public Comments Period:** November 30, 2016 - January 17th, 2017

• **Certification of the Final EIR:** June 2017

• **Construction:** Fall 2017-Spring 2019 (18 month construction period)
Questions or Comments?

- **Questions about the Draft EIR or the CEQA process:** EIR Coordinator, Christopher Thomas, Christopher.Thomas@sfgov.org, 415-575-9036

- **Draft EIR written comments:** Lisa Gibson, Environmental Review Officer, 1650 Mission Street, San Francisco, CA 94103 or Lisa.Gibson@sfgov.org

- **Questions about the Project or the WSIP in general:** Betsy L. Rhodes, blaupppe@sfwater.org, 866-973-1476