ALAMEDA COUNTY WATER DISTRICT

43885 So. Grimmer Boulevard
Fremont, CA  94538

WATER RESOURCES AND CONSERVATION COMMITTEE

AGENDA

Wednesday, May 27, 2020

4:15 p.m.

ACCESSIBLE PUBLIC MEETINGS: Upon request, ACWD will provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. Please send a written request at least 72 hours before the meeting to the District Secretary, ACWD, 43885 S. Grimmer Blvd., Fremont, CA 94538, or to gina.markou@acwd.com stating your name, mailing address, phone number, and brief description of the requested materials and preferred alternative format or auxiliary aid or service.


MEMBERS OF THE PUBLIC MAY NOT ATTEND THIS MEETING IN PERSON. DUE TO THE COVID-19 PANDEMIC AND IN ACCORDANCE WITH GOVERNOR NEWSOM’S EXECUTIVE ORDER N-25-20 WHICH SUSPENDS PORTIONS OF THE BROWN ACT, THIS MEETING WILL BE CONDUCTED BY WEBINAR/TELECONFERENCE ONLY.

1. Water Supply Outlook
   Presenter: Leonard Ash

2. City of Fremont Lease Agreement Property Northwest of Patterson Reservoir (Firing Range)
   Presenter: Michelle Myers

3. Water Supply Assessment for the Station East Residential/Mixed-Use Project
   Presenter: Devon Becker

4. Conservation Programs Update
   Presenter: Megan Maurino

5. Public Comments

5/22/2020
Water Resources and Conservation Committee
May 27, 2020
Agenda Item 1

Water Supply Update
Northern Sierra Precipitation

Water Resources and Conservation Committee, May 27, 2020
Agenda Item 1, Slide 3
Reservoir Conditions

Current Reservoir Conditions

Ending At Midnight - May 19, 2020

Legend:
- Capacity (% of Average)
- % of Capacity 7% of Historical Average

Tahoe Lake 77% | 91%
Lake Shasta 79% | 52%
Lake Oroville 83% | 83%
Folsom Lake 77% | 56%

New Melones Lake 78% | 124%
Don Pedro Reservoir 86% | 114%
Lake McClure 78% | 118%
Pine Flat Reservoir 75% | 115%

Graph Updated 05/28/2020 11:48 AM
U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for April 16 - July 31, 2020
Released April 16

Author: Anthony Artusa
NOAA/NWS/NCEP/Climate Prediction Center

The map depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short-lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Drought persists
Drought remains but improves
Drought removal likely
Drought development likely

http://go.usa.gov/3eZ73
## 2020 Water Supply Outlook

<table>
<thead>
<tr>
<th>Anticipated Demand</th>
<th>43,800 AF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Projections to meet 2020 production demands</td>
<td>Currently Available Supplies (AF)</td>
</tr>
<tr>
<td><strong>IMPORTED SUPPLIES</strong></td>
<td></td>
</tr>
<tr>
<td>State Water Project</td>
<td>15% Allocation</td>
</tr>
<tr>
<td>Table A</td>
<td>6,300</td>
</tr>
<tr>
<td>Art 56C (San Luis Reservoir)</td>
<td>12,300</td>
</tr>
<tr>
<td>Dry Year Transfer Program</td>
<td>1,900</td>
</tr>
<tr>
<td>Semitropic Return</td>
<td>13,600</td>
</tr>
<tr>
<td>SFPUC</td>
<td>15,400</td>
</tr>
<tr>
<td><strong>LOCAL SUPPLIES</strong></td>
<td></td>
</tr>
<tr>
<td>LDV + Groundwater</td>
<td>LDV + GW below annual targets</td>
</tr>
<tr>
<td>Supplies Utilized for 2020 Prod. Demands</td>
<td></td>
</tr>
<tr>
<td>Supplies Utilized for 2021 Art 56C (min.) (San Luis Reservoir)</td>
<td></td>
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</tbody>
</table>
Daily Water Demand – Year to Date

Daily Demand (mgd) and Rainfall (inches)

Alameda County Public Health Ordered Shelter-In-Place
03/16/2020, eff. 03/17/2020

Current as of 04/15/2020, to be updated on 05/27/2020

Water Resources and Conservation Committee, May 27, 2020
Agenda Item 1, Slide 8
City of Fremont Lease Agreement
Property Northwest of Patterson Reservoir (Firing Range)

Water Resources & Conservation Committee
May 27, 2020
Property Location in Fremont
Leased Area
Current Aerial of Property
Overview

• City of Fremont (City) has used the property as a Firing and Target Range since 1969.
• Last Lease Amendment was in 2010 and will expire at the end of 2020.
  – City and other Law Enforcement Agencies
  – Lessee's Obligations
• City has requested to continue using the property
City’s Proposed Improvements
Next Steps

• Bring the City’s proposed improvements to the Board
• City to perform Phase II Investigation
• District Staff to work with Legal Counsel on Drafting a Lease Agreement
  – 5 year initial with options to extend
  – Remediation requirements
Water Supply Assessment for the Station East Project

May 27, 2020
On February 18, 2020, ACWD received a request for a Water Supply Assessment (WSA) from the City of Union City for the Station East Project (Project). Water Code Sec. 10910 requires ACWD to complete a WSA within 90 days. Over 500 dwelling units Over 500,000 sq. feet commercial retail building area
Purpose of a WSA

- To determine the sufficiency of water supply during normal, single dry, and multiple dry water years for the next 20 years for the proposed project, in addition to existing and planned future uses.
Project Location
Station East Project Details

• Project proposes redevelopment of an existing 24-acre site with a mixed-use, high-density, transit-oriented development that will add:
  – 946 residential units
  – 31,020 sq.ft. of commercial space
  – 8.6 acres of public parks and paseos, semi-private and private open space areas, and other landscaped areas

• Subject to revision, we currently estimate new water demand as approximately 103 acre-feet/year.
Findings of WSA

• All Project demands are included in the District’s Demand Forecast and UWMP (2015-2020), therefore:
  • ACWD has sufficient supplies for the Project in normal years.
  • The Project will not result in increased shortages from those already included in ACWD’s UWMP during dry periods.
• The WSA will require the Project to use the latest water conservation technology measures.
Next Steps

• Upon Board approval of WSA, ACWD provides WSA to City of Union City.

• City of Union City to draft EIR to include WSA; public review and comment.

• City of Union City to request a written verification of sufficient water supply.
Thank you

Devon Becker
Water Resources Engineer
devon.becker@acwd.com

www.acwd.org
Conservation Programs Update

• BAWSCA Program Participation
  – Rain Barrel Rebates
  – Rachio Smart Controller Rebates
  – Waterfluence Large Landscape Program