



**DATE:** September 12, 2017

**CATEGORY:** Public Hearing

**DEPT.:** Public Works

**TITLE:** **Urban Water Management Plan  
Addendum No. 1**

### **RECOMMENDATION**

Adopt a Resolution Adopting Addendum 1 to the City of Mountain View 2015 Urban Water Management Plan, to be read in title only, further reading waived (Attachment 1 to the Council report).

### **BACKGROUND**

The purpose of an Urban Water Management Plan (UWMP) is to ensure water agencies conduct long-term resource planning to provide adequate water supply to meet existing and future water demands. UWMPs are also used as foundational documents for preparation of Water Supply Assessments during environmental review of large development projects and land use policies. The California Water Code requires that urban water suppliers prepare and adopt a UWMP every five years. Mountain View's 2015 UWMP was adopted in June 2016.

Staff has prepared Addendum No. 1 to its 2015 UWMP to document the recent water transfer agreement between Mountain View and the City of East Palo Alto. On May 23, 2017, Mountain View City Council agreed to transfer 1.0 million gallons per day (MGD) of its water supply rights from the San Francisco regional water system to East Palo Alto; East Palo Alto approved the agreement on June 20, 2017. Although State law does not require the next UWMP update until 2020, staff recommends an update to the UWMP to accurately reflect the City's new water supply situation following the transfer to East Palo Alto so that users of the document have current information.

### **ANALYSIS**

Changes to the 2015 UWMP water supply analysis are relatively minor, affecting four components of the report (two sections, one table, and one appendix table). These changes are described below.

### 1. **Changes to Section 5.6: Projected Water Supply Availability and Production**

The transfer to East Palo Alto decreases Mountain View's San Francisco Public Utilities Commission (SFPUC) supply by 1.0 MGD, or approximately 1,100 acre-feet per year (AFY). This addendum updates Section 5.6 to reflect the City's new SFPUC maximum supply of 13,955 AFY.

### 2. **Changes to Table 5-4: Estimated Maximum Available Water Supply**

Table 5-4 of the 2015 UWMP documents the City's maximum available water supplies discussed in Section 5.6. This addendum updates the City's supply sources to reflect the 1.0 MGD transfer.

### 3. **Changes to Section 6.8: Ability to Meet Demand of Higher-Growth Alternative**

The 2015 UWMP water demand and supply comparison analyzes the City's ability to meet projected water demand under normal water year, single dry year, and multiple dry year conditions. Demand projections were based on then Council-approved land use policies, including the 2030 General Plan and adopted Precise Plans. Reducing the maximum available supply by 1.0 MGD does not change the City's estimated ability to meet water demand from currently adopted land use policies under normal or dry year conditions.

In addition to the water supply sufficiency analysis for adopted land use policies, the UWMP also discusses supply sufficiency for a "higher-growth" alternative. This higher-growth alternative provides a conservative analysis of cumulative impacts from pending policies such as additional housing in North Bayshore (up to 10,000 dwelling units) and projects located on Moffett Boulevard (Shenandoah), Middlefield Road, Shoreline Boulevard, East Evelyn Avenue, Villa Street, and in the East Whisman area. Below are the updated water supply sufficiency results for this higher-growth alternative (shown in comparison to pretransfer estimates). This information was provided at the time of the East Palo Alto transfer discussion as well.

- Normal Year – No shortfalls through 2030; possible 4 percent shortfall in 2040 (*change from UWMP, which estimated no shortfalls through 2040*).
- Single Dry Years – A shortfall of 2 percent in 2020, increasing to 25 percent shortfall in 2040 (*no change from UWMP*).

- Multiple Dry Years—Shortfalls up to 5 percent in 2020, increasing to 11 percent to 26 percent in 2040 (*change from UWMP, which estimated shortfalls up to 5 percent in 2020, increasing to 9 percent to 26 percent in 2040*).

As previously mentioned, the higher-growth alternative analysis was not used as the City's official water demand estimates because it included land use policies currently under study. Detailed analyses associated with each proposed land use change are being (or will be) studied as part of the individual project environmental review process.

#### 4. Changes to Appendix D

Appendix D of the UWMP includes tables required by the California Department of Water Resources. Table 6-8 shows Mountain View's supply sources and maximum volumes. This addendum updates the SFPUC supply volume to reflect the 1.0 MGD transfer with East Palo Alto.

#### **NEXT STEPS**

Following this public hearing, if the City Council adopts the resolution approving Addendum 1 to the 2015 UWMP, staff will finalize the addendum and submit it to the California Department of Water Resources, the State Library, and the County of Santa Clara for their record. The addendum will be also be posted on the City's website.

**FISCAL IMPACT** – None.

#### **ALTERNATIVES**

1. Do not adopt the resolution adopting Addendum No. 1 to the 2015 UWMP.
2. Provide other direction.

**PUBLIC NOTICING**

Agenda posting, publication in the San Jose Post Record, and letters mailed to 40 relevant stakeholders.

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Attachments: 1. Resolution  
2. Addendum