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August 20, 2013

The Honorable Anthony Rendon, Chairman
Assembly Water, Parks and Wildlife Committee
1020 N Street, Room 160
Sacramento, CA 95814

RE: Water Bond Projects – Requests for Consideration

Dear Chairman Rendon:

Per your request for items to consider for inclusion in the redraft of the Water Bond, Las Virgenes Municipal Water District (LVMWD) suggests the following priority:

- **Added Financial Resources and Emphasis on Recycled Water Storage and Distribution Projects**

As a Southern California agency entirely dependent upon imported water, LVMWD has made an extensive commitment and investment in developing recycled water (RW) as a resource. This not only reduces the amount of water imported from the North, but also limits the amount of water discharged into the environmentally sensitive Malibu Creek Watershed. However, to further expand RW use and reduce Malibu Creek discharges, seasonal storage is necessary. As a smaller agency, LVMWD does not have adequate financial resources to complete such a large project without assistance, but the long-term benefits would be permanent and have systemic value extending to Northern California.

System expansion would also allow LVMWD to deliver RW into the neighboring City of Los Angeles, providing irrigation for a golf course, parklands and roadway landscapes that could not likely be served by the City because of the distance from its facilities. Ultimately, RW water service could be expanded to Pierce College and Warner Center.

Adequate funding for projects such as those mentioned above would fit under Bond Outline items *VI Protecting Rivers, Lakes Streams and Watersheds* and *VII Climate Change Preparedness & Regional Self-Reliance for Water*.

LVMWD realizes that specific “earmarks” are not being considered for the proposed bond; however, to provide the maximum benefit to the state, there must be adequate funding opportunities for smaller agencies to have access to the bond’s resources for worthwhile projects such as those mentioned above.

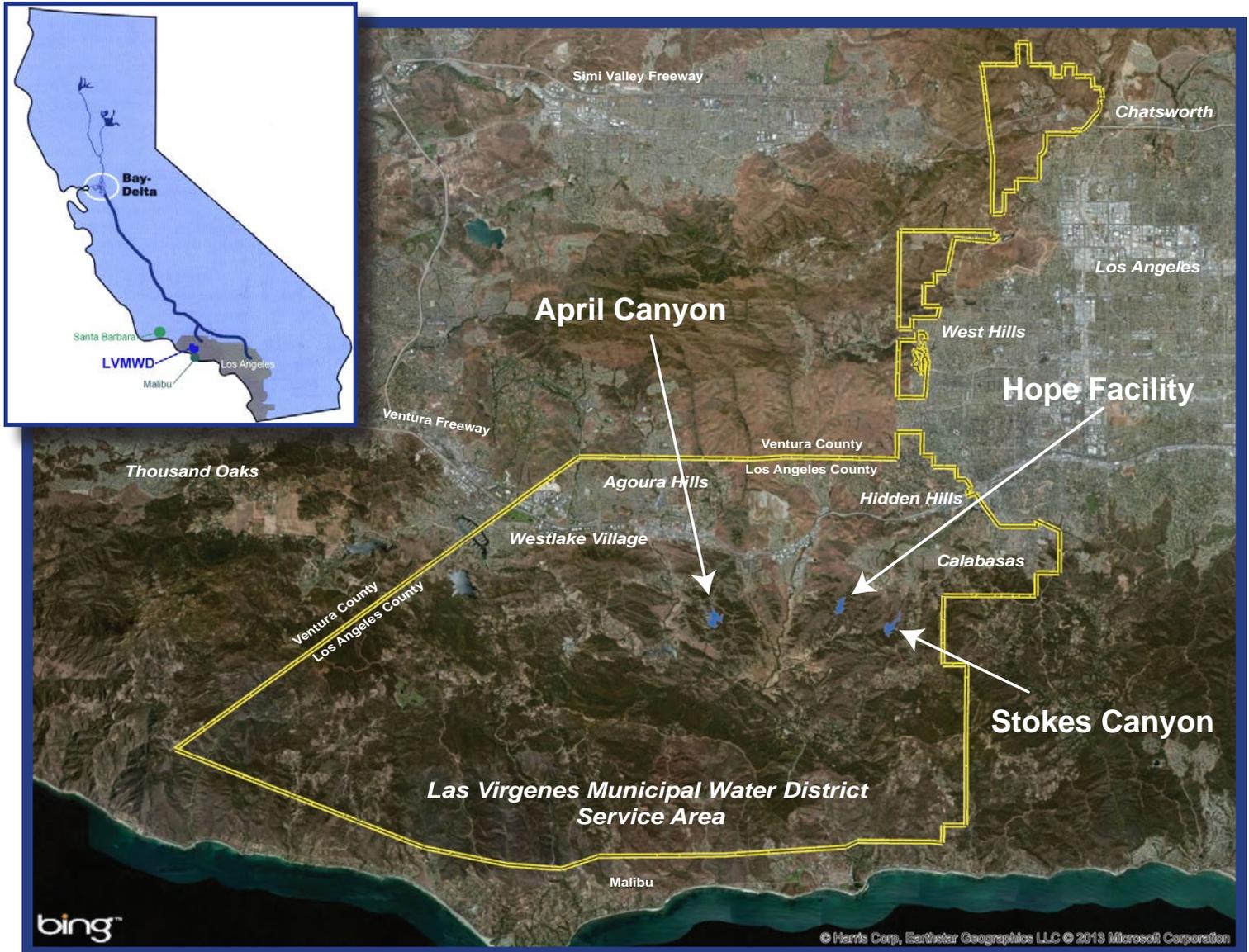
Sincerely,

David W. Pedersen, P. E.
General Manager

Recycled Water Storage in Western Los Angeles County



A new reservoir will reduce the need for imported water by storing recycled water during the winter months for reuse during the summer when water demands are highest.



About Las Virgenes Municipal Water District

Las Virgenes Municipal Water District (LVMWD) is a California public agency serving approximately 70,000 residents in the southwestern portion of Los Angeles County, including the cities of Agoura Hills, Calabasas, Hidden Hills, Westlake Village and surrounding unincorporated areas of

Los Angeles County, with potable water service, wastewater treatment and recycled water distribution. LVMWD continues to be a pioneer in the use of recycled water with recycled making up twenty percent of all its water deliveries.

Why This Project is Needed

LVMWD is entirely dependent upon imported water from Northern California.

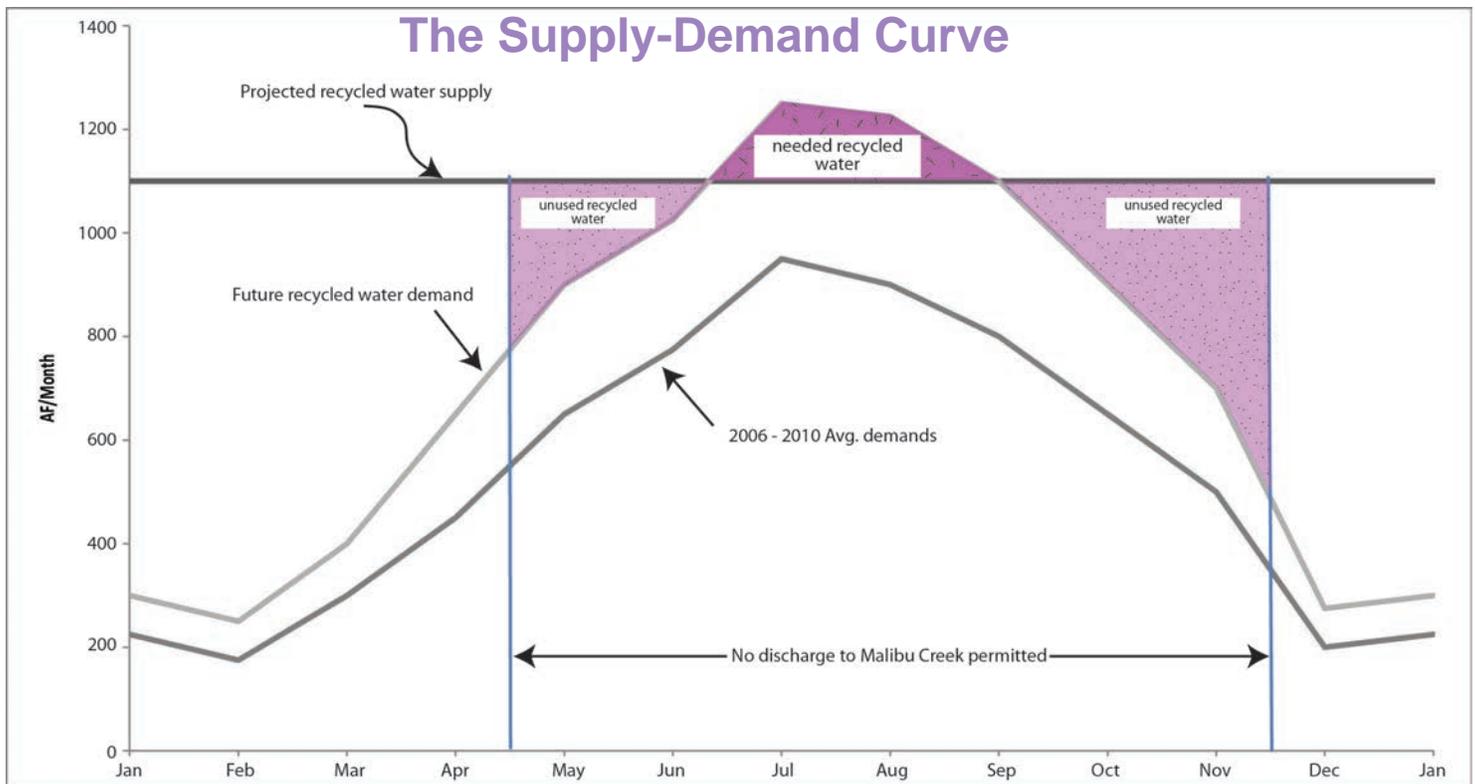
Expanding the use of recycled water for irrigation will decrease the amount of water imported through the State Water Project, reducing the impacts on the Sacramento-San Joaquin Bay Delta, lowering the amount of energy needed to transport that water and importantly, making use of a ready resource that is currently disposed of during the winter months due to a lack of storage capacity.

The District has developed its recycled system to the point where on occasion, the summer demand for recycled water exceeds the available supply, making it necessary to supplement the recycled system with potable water in order to meet customer needs. A reservoir would help to correct this imbalance. To summarize, the supply of recycled water (derived from wastewater) is constant year-round, but the seasonal demand for recycled water varies significantly.

The Benefits

- ✓ Reduced dependence on water imported from Northern California
- ✓ Beneficial reuse of recycled water normally lost to creek discharge
- ✓ Creation of habitat for native species in Santa Monica Mountains National Recreation Area; possible interpretive hiking and wildlife observation area
- ✓ Greenhouse gas emission reductions
- ✓ Expanded use of recycled water in the region reduces drinking water usage
- ✓ Significantly reduce discharges to Malibu Creek during the winter months (no discharges are permitted from April 15 to November 15)

The Supply-Demand Curve



Proposed Locations

There are three possible sites for locating a reservoir; any of which would provide more recycled water for beneficial reuse each year.

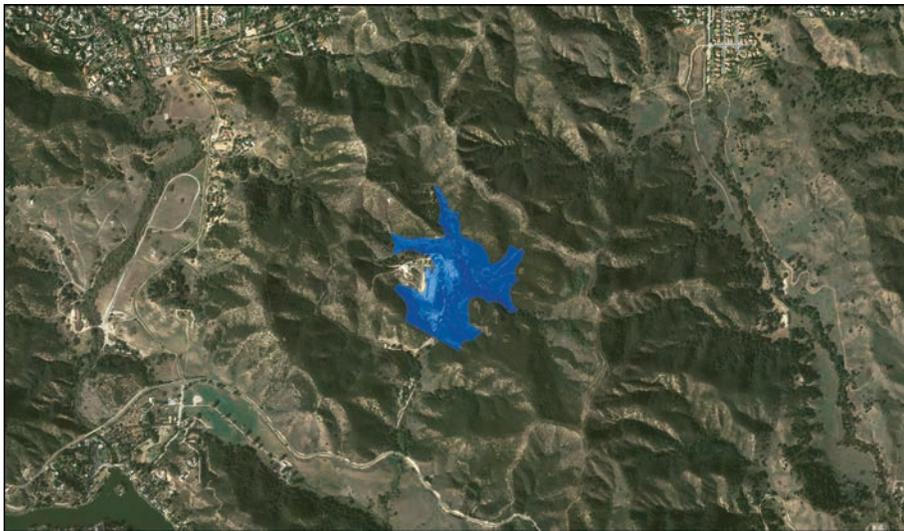
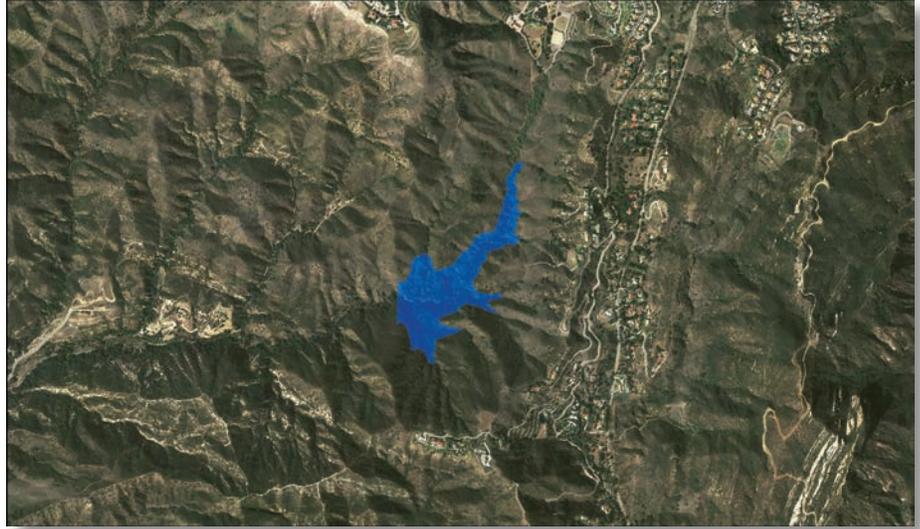
Stokes Canyon –

Near King Gillette Ranch, state and federal administrative center for the Santa Monica Mountains National Recreation Area

Storage volume: 1,900 acre-feet

Area: 48 acres

Dam dimensions: 2,000' x 165'



April Canyon –

Just south of the City of Agoura Hills in an area adjacent to state park resources

Storage volume: 2,200 acre-feet

Area: 58 acres

Dam dimensions: 1,000' x 185'

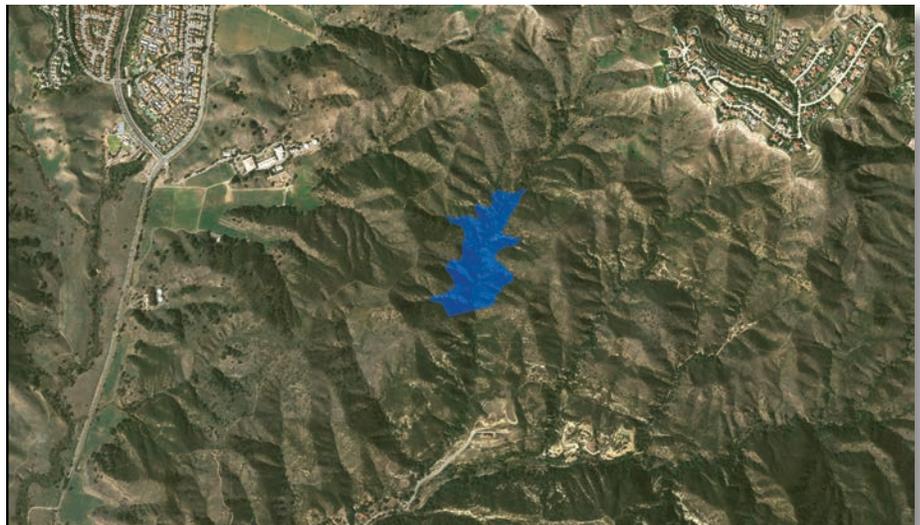
The Hope Property –

A combination of parcels adjacent to LVMWD facilities

Storage volume: 2,000 acre-feet

Area: 45 acres

Dam dimensions: 950' x 200'



Requested Assistance-

LVMWD seeks assistance in the form of a Title XVI authorization to compete for grant funding, or funding under its existing WRDA authorization to proceed with environmental review and project scoping for the project.

Next Steps-

As a relatively small agency, LVMWD seeks additional resources for the next steps, which include-

- Engaging stakeholders
- Preparing detailed studies for each site (geotechnical, biological, cultural)
- Completing program level environmental analysis (CEQA, NEPA)

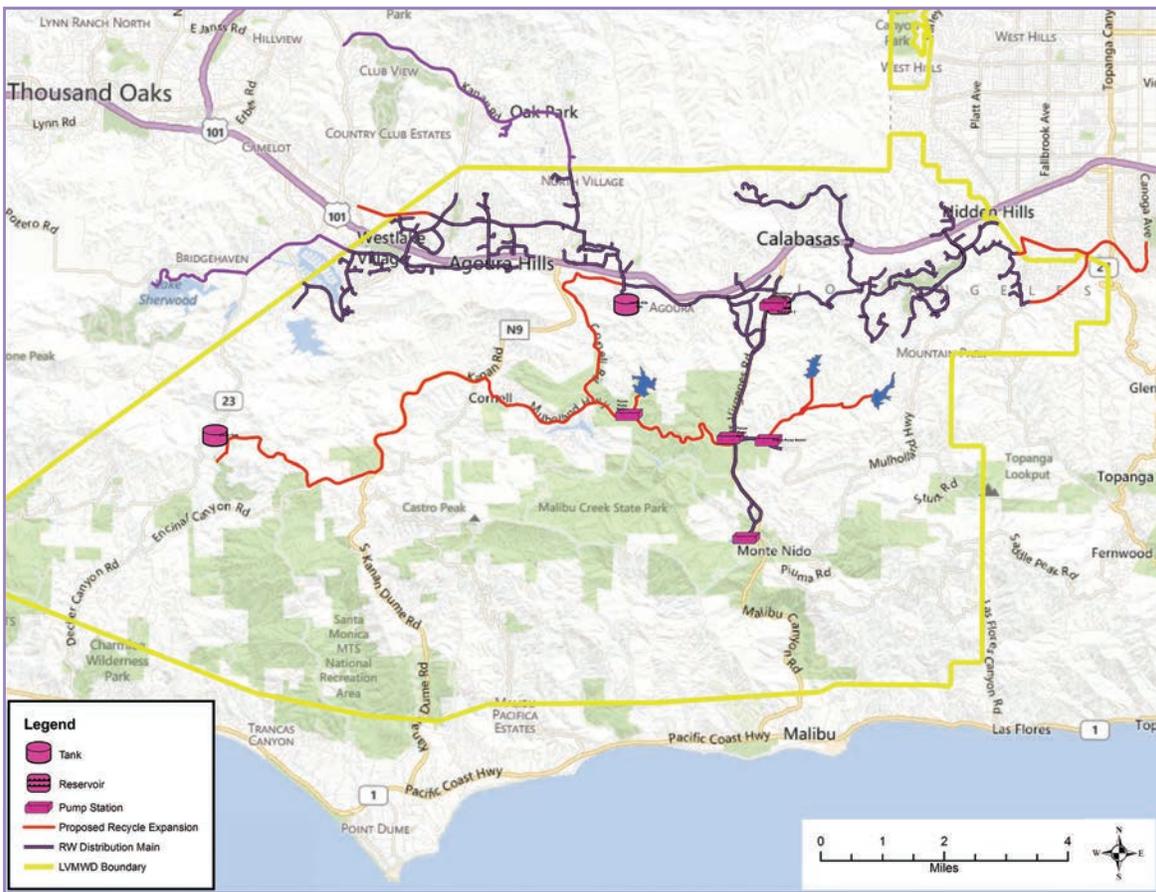
What's Been Done So Far-

The District has self-funded an in-depth feasibility study. The complete document is available at: www.LVMWD.com under Other Services / Technical Services / Master Plans and Engineering Documents.

Entities Likely to Support This Project-

Environmental Organizations
Homeowners associations
City governments
National, state and county parks
Chambers of Commerce
District customers

In addition to a storage reservoir, distribution system improvements in the form of additional pipelines and pump stations will be necessary to expand the use of recycled water.



For More Information:

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