

## LADWP Dewatering Re-use Policy

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### Purpose

This policy has been established to ensure effective and consistent practices are utilized to reuse water that would have been otherwise wasted by planned dewatering of LADWP Water System pipelines, tanks, and reservoirs for inspection, capital improvements and repairs. This policy is effective during drought conditions and at all other times as practicable. This policy does not cover unforeseen conditions such as leaks and breaks within the water distribution system. Efforts will be made to perform inspections utilizing submersible remotely operated vehicles to minimize the need to drain pipes, reservoirs and tanks.

### Applicable Conditions

Actions to reuse water shall be considered in the following instances:

- Draining of water mainlines, trunklines, tanks, and reservoirs for planned repairs, improvements, connections, and relining.

### Actions

Actions to reuse water under this policy shall attempt to capture as much water as practicable and shall include the following:

- Discharge to sewer in which there is a potential for beneficial reclamation or reuse of the water.
- Collection into water tankers for further beneficial reuse.
- Intersystem and intrasystem pumping.
- Discharge to storm drain – to be used as a last option.

### Discharge Locations

When water is collected under this policy for further beneficial reuse, the following uses and locations shall be considered and used for discharge:

- Groundwater recharge basins.
- Discharge to a sewer in which there is a potential for beneficial reclamation or reuse of the water.
- Parks and other landscape uses.
- Water Tanks and Reservoirs subject to approval by State Dept. of Drinking Water.
- Other city uses.

Further detail is provided in Attachment A.

### Limitations

- Certain regulatory restrictions may limit or exclude the actions of this policy. Attempts shall be made with applicable regulatory agencies to waive such restrictions or otherwise make allowances.
- Additionally, unintended consequences or impacts to the community may also be a limiting factor.
- Certain dewatering procedures produce water at such flow rates and volumes that are beyond actions specified in this policy. Efforts will be made when possible to capture water at these locations.
- This policy does not cover the reuse of construction water or that which is otherwise unfit for reuse.

## Dewatering Reuse Policy - Attachment A (Discharge Locations)

### **Sewer locations**

Coordinate with LADWP Wastewater Compliance Group to obtain permit for discharge.

### **LADWP locations**

Discharge of water at LADWP locations will necessitate coordination with DWP Water Operations Division – Property Management Group. Additional notifications may need to be made based on the facility.

- LA Aqueduct Tailrace or High Speed Channel
- Silver Lake Reservoir – discharge into basin or water plant material.
- Tujunga Spreading Grounds – Contact LA County Flood Operations and LADWP Wastewater Compliance Group.
- Chatsworth Nature Preserve Pond – coordination with Water Operations Property Mgmt.

### **LA Recreation & Parks (RAP) and additional park locations maintained by Los Angeles Bureau of Sanitation (LASAN)**

Discharge locations involving Los Angeles Recreation and Parks will necessitate coordination of discharge with the Senior Park Maintenance Supervisors, Recreation Directors and Advance Planning personnel for the five jurisdictional areas: Metro, Harbor, Pacific, Valley, and Griffith Park. Los Angeles Bureau of Sanitation has some Prop O stormwater capture facilities that have been developed. Some of these contain advanced features such as underground cisterns connected to above ground irrigation. These cisterns could be filled to provide irrigation water. Other areas include park and golf course water features and plant material along roads, dust mitigation on trails and at equestrian centers, habitat restoration areas, and seasonal ice skating rinks. Concerns include excessive watering, creating run-off, puddling of water that creates hazard to pedestrians, and impact to programmed events at parks if parkland is saturated.

- LASAN stormwater capture facilities with underground cisterns connected to above ground irrigation systems.
- Garvanza Park – Large underground cistern with above ground irrigation system for watering park.
- Golf water bodies supplied with potable water – Arm & Hammer, Penmar, Rancho. Can take large amounts of water.
- Park lakes – potentially fill lakes.
- Elysian Park – opportunity to spray from water truck along roadways or discharge into drainages.
- Griffith Park – Dust control on trails, spray watering from water truck
- Dust control at equestrian centers.
- Coordination with concessionaires and RAP Habitat restoration areas such as Aliso Canyon Creek, Ascot Park.
- Seasonal ice skating rinks at Venice and Pershing during the months of December and January.

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