

Memorandum

TO: HONORABLE MAYOR
AND CITY COUNCIL

FROM: Kerrie Romanow

**SUBJECT: RECYCLED WATER
TRUCK FILL PROGRAM**

DATE: December 4, 2014

Approved



Date

12/4/14

INFORMATION

In response to California's ongoing drought, and consistent with the City's Emergency Drought Declaration of August 21, 2014, the Environmental Services Department/South Bay Water Recycling (SBWR) will begin distribution of recycled water to commercial users through new, conveniently located, recycled water truck fill stations. The truck fill stations, permitted by the State Water Resources Control Board, Division of Drinking Water (DDW) in October of 2014, will be ready for use by January 1, 2015.

SBWR is the recycled water wholesaler that provides recycled water in the cities of San José, Santa Clara and Milpitas, through one of four retailers including, San José Municipal Water System, San José Water Company, City of Santa Clara, and City of Milpitas. Based on the June 24, 2014, Water Use Reduction Measures memo to the San José City Council, SBWR reviewed existing emergency recycled water access points in San José to see how they could be used to offset the use of potable water in the region for approved commercial uses.

Currently, there are twelve (12) truck fill sites in the SBWR service area that are ready for commercial use. Five (5) truck fill sites in Milpitas, as well as the original (1) North San José site next to the San José – Santa Clara Regional Wastewater Facility¹ (RWF), are already in service and are currently being used by construction customers. Six (6) remaining San José access points will be ready for use in January, 2015. In addition, the City of Santa Clara is also reviewing the feasibility of adding a truck fill site in their retail service area in 2015, that would bring the total number of stations to Thirteen (13), once the Santa Clara site is approved by DDW.

This Program will utilize the unstaffed truck fill sites for commercial, non potable (non-drinking water) uses such as construction dust control, street sweeping and sewer clean out. Based on City permit requirements, SBWR staff will coordinate with the retailers to implement their truck fill

¹ The legal, official name of the facility remains San Jose/Santa Clara Water Pollution Control Plant, but beginning in early 2013, the facility was approved to use a new common name, the San José-Santa Clara Regional Wastewater Facility.

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plans, including certification for water trucks, drivers, and site managers to use recycled water instead of drinking water for approved uses.

The attached Recycled Water Truck Fill Guidelines provide more detail for commercial users.

In addition to construction users, the Department of Transportation has expressed interest in using recycled water for street sweeping and sewer clean out activities, and is reviewing the compatibility of City trucks for the transport of recycled water under the permit.

This project has been coordinated with the Department of Public Works, Department of Transportation and the City Attorney's Office.

/s/

KERRIE ROMANOW

Director, Environmental Services

For questions, please contact Michele Young, South Bay Water Recycling Program Manager, at (408) 975-2519.



South Bay Water Recycling Recycled Water Truck Fill Guidelines

Commercial users interested in using recycled water from available truck fill stations should contact their water retailer for information on having trucks and drivers certified for the transport of recycled water for construction dust control, street sweeping or sewer clean out.

Retailers will review the following conditions for recycled water use with interested users:

1. Recycled water is FOR NONPOTABLE USES ONLY -NO DRINKING
2. Recycled water shall not be exposed to food or used within designated eating areas.
3. Recycled water shall not be discharged to storm drains.
4. Recycled water is not allowed within 50 feet of any domestic well.
5. No cross-connections allowed between recycled water and any potable water supply.
6. Recycled water shall not be plumbed into potable landscape systems or any onsite plumbing.
7. Recycled water meters shall be routinely inspected by for appropriate use.
8. Recycled water meters will be prohibited from connecting to any potable hydrant and shall be clearly labeled, "not for use on potable hydrants".
9. Over spray, ponding, and runoff of recycled water shall not be permitted.
10. Tanker-trucks must have appropriate equipment to maintain an air gap of at least twice the diameter of the supply hose, such that water overflows the tank before reaching the fill pipe.
11. Tanker-trucks must have water-tight fittings to ensure no leaks will occur.
12. All piping and hoses used with tanker-trucks must be fully drained before transport and prior to every connection.
13. Recycled water tanker-trucks must not transport potable water for potable uses.
14. All recycled water use areas must be approved by the local water retailer and SBWR.
15. All tanker-trucks accessing and hauling recycled water must satisfy local and state safety requirements and will carry a certificate of commercial auto and trucking liability insurance.
16. The volume of recycled water used must be reported, as specified by the local recycled water retailer.

SPECIAL APPROVAL, TRAINING, AND SITE INSPECTION REQUIRED

17. If recycled water is transferred to other storage container, the container/reservoir shall be labeled with signage equivalent to the tanker-truck and shall follow the Recycled Water Safety Guidelines in the User Agreement.
18. The general public shall not be exposed to overspray when recycled water is used (pressure washing, etc.)
19. Recycled water may be used for washing equipment and vehicles, if the recycled water is not heated and where the general public is excluded from the washing process.