

# ***BAY AREA RECYCLED WATER***



## **Commercial Truck Fill Facilities Location Guide**

JUNE 2015

## **Background**

This Guide was prepared by Whitley Burchett & Associates under contract with the Bay Area Clean Water Agencies and under the direction of the BACWA Recycled Water Committee. The Guide was prepared in response to inquiries of commercial recycled water truck fill facilities in the Bay Area. It is the Recycled Water Committee's intention to update this Guide annually. If you see any information that should be updated, have a facility to add to this Guide, or have any questions please email [Info@bacwa.org](mailto:Info@bacwa.org).

## **Disclaimer**

The intent of this Guide is to provide prospective water haulers with general information regarding the location of Bay Area recycled water commercial truck fill facilities, permit requirements, and associated fees for recycled water. Information in this Guide represents data collected in the fall of 2014 and updated in June 2015. Please contact agencies directly for current information.

## **Cover Photos**

Top row: East Bay Municipal Utility District  
Bottom row from left to right: City of Palo Alto, City of Santa Rosa

## **Acknowledgements**

This Guide was prepared in conjunction with the BACWA agencies. The time spent by agencies providing program information and review of this document is greatly appreciated.

## **Electronic Version**

The BACWA Truck Fill Guide is available on the BACWA website at <http://bacwa.org>.

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# Bay Area Commercial Recycled Water Truck Fill Facilities Location Map



\* Indicates the general location of a truck fill facility.

**List of Agencies with Recycled Water Commercial Truck Fill Facilities  
Sorted by County/City**

COUNTY/CITY	AGENCY	PAGE NO.
<b>ALAMEDA COUNTY</b>		
Dublin	Dublin San Ramon Services District	3
Livermore	City of Livermore	5
Oakland	East Bay Municipal Utility District	4
Pleasanton	Dublin San Ramon Services District	3
San Lorenzo	Oro Loma Sanitary District/East Bay Dischargers Authority	10
<b>CONTRA COSTA COUNTY</b>		
Concord	Central Contra Costa Sanitary District	2
Martinez	Central Contra Costa Sanitary District	2
Richmond	East Bay Municipal Utility District	4
San Ramon	Dublin San Ramon Services District	3
<b>MARIN COUNTY</b>		
Novato	North Marin Water District	9
San Rafael	Marin Municipal Water District	6
<b>NAPA COUNTY</b>		
Calistoga	City of Calistoga	1
Napa	Napa Sanitation District	8
Yountville	Town of Yountville	20
<b>SAN FRANCISCO</b>		
San Francisco	City and County of San Francisco/SFPUC	14
<b>SAN MATEO COUNTY</b>		
San Francisco	San Francisco International Airport	15
Redwood City	City of Redwood City	13
<b>SANTA CLARA COUNTY</b>		
Milpitas	City of Milpitas/South Bay Water Recycling	7
Palo Alto	City of Palo Alto	11
San Jose	City of San Jose/South Bay Water Recycling	16
Sunnyvale	City of Sunnyvale	19
<b>SONOMA COUNTY</b>		
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***SECTION 1***

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**Recycled Water Commercial Truck Fill Facilities Information**

<b>CITY OF CALISTOGA</b>	
707.942.2782 <a href="http://www.ci.calistoga.ca.us">www.ci.calistoga.ca.us</a>	
Recycled Water Fill Facilities: Treatment Plant Yes	Distribution System No Can water be used outside of this agency's service area? Yes
<b>Hydrant Fill Facilities</b>	
Location: None Number of Fill Facilities: Quality: Quantity Limitations per Trip: Other Restrictions: Additional Access Information:	Connection Device: Truck Size Limits: Truck Weight Limits:
<b>Fill Facilities at Treatment Plant</b>	
Location: Dunaweal Wastewater Treatment Plant (call for address) Quality: Disinfected Tertiary Quantity Limitations per Trip: No Minimum Maximum up to truck limit Quantity Limitations per Day: No Minimum Maximum 50,000 gal Additional Access Information:	Type of Connection: Side Hours: Mon-Fri 7 a.m. - 3:30 p.m. Appointment Required: No Truck Size Limits: None Truck Weight Limits: None
<b>Training</b>	
Required: No Who: Schedule:	Duration: Frequency: Location: Length of time to become authorized truck hauler: 1 business day
<b>Signage</b>	
Area Use Signage Required: No Signs Provided by Water Agency: N/A	Vehicle Signage Required: Yes Signs Provided by Water Agency: Yes
<b>Vehicle Inspection</b>	
Required: No Duration: How to schedule:	Inspection Location: Re-inspection Required:
<b>Fees</b>	
Water: No Charge Connection Device: No Charge Vehicle Signage: No Charge Other:	Training: No Charge Permit: No Charge Use Area Signage: N/A

<b>CENTRAL CONTRA COSTA SANITARY DISTRICT</b>	
925.228.9500 <a href="http://www.centrsan.org">www.centrsan.org</a>	
Recycled Water Fill Facilities: Treatment Plant No	Distribution System Yes Can water be used outside of this agency's service area? Yes
<b>Hydrant Fill Facilities</b>	
Location: Locations in Concord (Willow Way) and Martinez (Marsh Drive)	
Number of Fill Facilities: 3	Connection Device: Hydrant key and Construction meter
Quality: Disinfected Tertiary	Truck Size Limits: Max. truck length 18 ft.
Quantity Limitations per Trip: No Minimum Maximum 6,000 gal	Truck Weight Limits: No limit
Other Restrictions:	
Additional Access Information: Fill times: Mon.-Fri. 7 a.m. - 5 p.m. (can be negotiated)	
<b>Fill Facilities at Treatment Plant</b>	
Location: None	
Quality:	Type of Connection:
Quantity Limitations per Trip:	Hours:
Quantity Limitations per Day:	Appointment Required:
	Truck Size Limits:
	Truck Weight Limits:
Additional Access Information:	
<b>Training</b>	
Required: Yes	Duration: 15 minutes
Who: Either Truck Owner, Truck Driver, or Customer using water	Frequency: Only Once
Schedule: By Appointment	Location: Recycled Water Treatment Plant
Length of time to become authorized truck hauler: 1 business day	
<b>Signage</b>	
Area Use Signage Required: No	Vehicle Signage Required: Yes
Signs Provided by Water Agency: N/A	Signs Provided by Water Agency: Yes
<b>Vehicle Inspection</b>	
Required: No	Inspection Location:
Duration:	Re-inspection Required:
How to schedule:	
<b>Fees</b>	
Water: \$3.28 per 1,000 gal	Training: No Charge
Connection Device: \$750 (refundable deposit)	Permit: No Charge
Vehicle Signage: No Charge	Use Area Signage: N/A
Other:	

<b>DUBLIN SAN RAMON SERVICES DISTRICT</b>	
925.875.2334 <a href="http://www.dsrdsd.com">www.dsrdsd.com</a>	
Recycled Water Fill Facilities: Treatment Plant Yes	Distribution System Yes Can water be used outside of this agency's service area? Yes
<b>Hydrant Fill Facilities</b>	
Location: Dublin and San Ramon, CA - see website for locations Number of Fill Facilities: 18 Quality: Disinfected Tertiary Quantity Limitations per Trip: No Minimum Maximum up to truck limit Other Restrictions: Permit plus \$1,000 refundable deposit for meter required. Additional Access Information: Obtain permit and meter at 7051 Dublin Blvd, Dublin.	
<b>Fill Facilities at Treatment Plant</b>	
Location: DSRSD Wastewater Treatment Plant 7399 Johnson Drive, Pleasanton Quality: Disinfected Tertiary Quantity Limitations per Trip: No Minimum Maximum up to truck limit Quantity Limitations per Day: No Minimum No Maximum Additional Access Information: *After business hours truck drivers must use special gate access code to enter the plant. The access code is valid only during hours specified in the permit.	
<b>Training</b>	
Required: Yes Who: Truck Owner and Driver Schedule: By Appointment Duration: 15 min Frequency: Once Location: Recycled Water Plant Length of time to become authorized truck hauler: 1 business day	
<b>Signage</b>	
Area Use Signage Required: No Signs Provided by Water Agency: N/A Vehicle Signage Required: Yes Signs Provided by Water Agency: Yes	
<b>Vehicle Inspection</b>	
Required: No Duration: How to schedule: Inspection Location: Re-inspection Required:	
<b>Fees</b>	
Water: Hydrant- check with DSRSD for current fee; Plant- \$10/truck load Connection Device: Hydrant access- \$1,000 deposit for construction meter; Treatment Plant- No connection device charge Vehicle Signage: No Charge Other: Training: No Charge Permit: Hydrant- No permit fee; Treatment Plant- \$73/year Use Area Signage: N/A	

<b>EAST BAY MUNICIPAL UTILITY DISTRICT</b> <b>510.287.1346</b> <a href="http://www.ebmud.com">www.ebmud.com</a>	
Recycled Water Fill Facilities: Treatment Plant Yes	Distribution System No Can water be used outside of this agency's service area? Check with EBMUD
<b>Hydrant Fill Facilities</b>	
Location: None Number of Fill Facilities: Quality: Quantity Limitations per Trip: Other Restrictions: Additional Access Information:	Connection Device: Truck Size Limits: Truck Weight Limits:
<b>Fill Facilities at Treatment Plant</b>	
Locations: 1) EBMUD Wastewater Treatment Plant, Oakland 2) North Richmond Water Recycling Plant, Richmond (*No recycled water available in 2015. All recycled water from this location has been allocated for 2015.)	
Quality: Disinfected Tertiary Quantity Limitations per Trip: No Minimum Maximum up to truck limit Quantity Limitations per Day: No Minimum No Maximum Additional Access Information: 1) EBMUD Wastewater Treatment Plant - enter through the main security gate at the plant to obtain access to the fill hydrant. 2) North Richmond Plant - hydrant is located outside of the plant gate and is accessible with a hydrant key. For more information, visit <a href="http://www.ebmud.com">www.ebmud.com</a> , search "Recycled Water Truck	Type of Connection: Hydrant Hours: 24 hrs/day, 7 days/wk Appointment Required: Only for first visit Truck Size Limits: None Truck Weight Limits: None
<b>Training</b>	
Required: Yes Who: Truck Driver Schedule: By Appointment	Duration: 15 minutes Frequency: Once Location: Recycled Water Plant Length of time to become authorized truck hauler: 5 business days
<b>Signage</b>	
Area Use Signage Required: No Signs Provided by Water Agency: N/A	Vehicle Signage Required: Yes Signs Provided by Water Agency: Yes
<b>Vehicle Inspection</b>	
Required: Yes Duration: Less than 1 hour How to schedule: To be conducted at time of training	Inspection Location: Recycled Water Plant Re-inspection Required: No
<b>Fees</b>	
Water: No Charge Connection Device: No Charge Vehicle Signage: No Charge Other:	Training: No Charge Permit: No Charge Use Area Signage: N/A

<b>CITY OF LIVERMORE</b>	
<b>925.960.8138</b>	
Recycled Water Fill Facilities: Treatment Plant	No Distribution System Yes Can water be used outside of this agency's service area? No
<b>Hydrant Fill Facilities</b>	
Location: Call for address Number of Fill Facilities: 10+	Connection Device: Construction meter and Hydrant Key Truck Size Limits: No limit Truck Weight Limits: No limit
Quality: Disinfected Tertiary Quantity Limitations per Trip: No Minimum Maximum up to truck limit	
Other Restrictions: Additional Access Information:	
<b>Fill Facilities at Treatment Plant</b>	
Location: None Quality: Quantity Limitations per Trip:	Type of Connection: Hours: Appointment Required: Truck Size Limits: Truck Weight Limits:
Quantity Limitations per Day: Additional Access Information:	
<b>Training</b>	
Required: Yes Who: Truck Driver Schedule: At time of hydrant meter deposit	Duration: 2 hours or less Frequency: Once Location: Administration Building Length of time to become authorized truck hauler: 1 business day
<b>Signage</b>	
Area Use Signage Required: Yes Signs Provided by Water Agency: Yes	Vehicle Signage Required: Yes Signs Provided by Water Agency: Yes
<b>Vehicle Inspection</b>	
Required: No Duration: How to schedule:	Inspection Location: Re-inspection Required:
<b>Fees</b>	
Water: \$2.50 per CCF Connection Device: \$1,000 Vehicle Signage: Varies Other: Monthly service charge of \$195.30	Training: No Charge Permit: No Charge Use Area Signage: No Charge



<b>CITY OF MILPITAS/SOUTH BAY WATER RECYCLING</b> 408.586.3355 <a href="http://www.ci.milpitas.ca.gov">www.ci.milpitas.ca.gov</a>	
Recycled Water Fill Facilities: Treatment Plant No	Distribution System Yes Can water be used outside of this agency's service area? Check with City
<b>Hydrant Fill Facilities</b>	
Location: Call for locations Number of Fill Facilities: 5 Quality: Disinfected Tertiary Quantity Limitations per Trip: No Minimum Maximum up to truck limit Other Restrictions: M-F: 7 a.m. to 7 p.m. Additional Access Information: Secure access. Gate key to be provided at training.	Connection Device: Hydrant key and Construction meter Truck Size Limits: check with City Truck Weight Limits: check with City
<b>Fill Facilities at Treatment Plant</b>	
Location: None Quality: Quantity Limitations per Trip: Quantity Limitations per Day: Additional Access Information:	Type of Connection: Hours: Appointment Required: Truck Size Limits: Truck Weight Limits:
<b>Training</b>	
Required: Yes Who: Truck Owner, Truck Driver, and Customer Schedule: By Appointment and Semi-Annually Length of time to become authorized truck hauler: 2 business days	Duration: 1 hour Frequency: Once Location: Administration Building or Hydrant fill facility
<b>Signage</b>	
Area Use Signage Required: Yes Signs Provided by Water Agency: No	Vehicle Signage Required: Yes Signs Provided by Water Agency: Yes
<b>Vehicle Inspection</b>	
Required: Yes Duration: 1 hour or less How to schedule: Appointment	Inspection Location: Administration Building or Hydrant fill facility Re-inspection Required: Annually
<b>Fees</b>	
Water: \$2.65 per CCF Connection Device: \$2,000 Vehicle Signage: No charge Other: Monthly fee of \$75	Training: No Charge Permit: No Charge Use Area Signage: No charge



















<b>CITY OF SANTA ROSA</b>	
<b>707.543.3938</b>	
Recycled Water Fill Facilities:	
Treatment Plant: Yes	Distribution System: No
Can water be used outside of this agency's service area? Yes	
<b>Hydrant Fill Facilities</b>	
Location: Utilities Field Operations-35 Stony Point Road, Santa Rosa	
Number of Fill Facilities: 1	Connection Device: Hydrant
Quality: Disinfected Tertiary	Truck Size Limits: None
Quantity Limitations per Trip: Maximum up to truck limit	Truck Weight Limits: None
Other Restrictions: Due to limited available recycled water supply, truck fill use is restricted to dust control only.	
Additional Access Information: Must get an access key from Santa Rosa Water	
<b>Fill Facilities at Treatment Plant</b>	
Location: Santa Rosa Subregional Water Reuse Plant	
Quality: Disinfected Tertiary	Type of Connection: Hydrant
Quantity Limitations per Trip: No Minimum	Hours: Mon-Fri 8 a.m. - 5:30 p.m.
Maximum up to truck limit	Appointment Required: No
Quantity Limitations per Day: No Minimum	Truck Size Limits: None
No Maximum	Truck Weight Limits: None
Additional Access Information: Must get an access key from Santa Rosa Water	
Other Restrictions: Due to limited available recycled water supply, truck fill use is restricted to dust control only.	
<b>Training</b>	
Required: No	Duration:
Who:	Frequency:
Schedule:	Location:
Length of time to become authorized truck hauler: 1 business day	
<b>Signage</b>	
Area Use Signage Required: No	Vehicle Signage Required: Yes
Signs Provided by Water Agency: N/A	Signs Provided by Water Agency: No
<b>Vehicle Inspection</b>	
Required: No	Inspection Location:
Duration:	Re-inspection Required:
How to schedule:	
<b>Fees</b>	
Water: \$5.09 per 1,000 gal	Training: No Charge
Connection Device: No Charge	Permit: \$15.00 per year
Vehicle Signage: N/A	Use Area Signage: No Charge
Other:	

<b>SONOMA COUNTY WATER AGENCY</b>	
707.521.1865 <a href="http://www.scwa.ca.gov">www.scwa.ca.gov</a>	
Recycled Water Fill Facilities: Treatment Plant Yes	Distribution System No Can water be used outside of this agency's service area? Yes
<b>Hydrant Fill Facilities</b>	
Location: None Number of Fill Facilities: Quality: Quantity Limitations per Trip: Other Restrictions: Additional Access Information:	Connection Device: Truck Size Limits: Truck Weight Limits:
<b>Fill Facilities at Treatment Plant</b>	
Locations: Sonoma Valley County Sanitation District, Sonoma CA (call for address)	
Quality: Disinfected Tertiary Quantity Limitations per Trip: No Minimum Maximum up to truck limit Quantity Limitations per Day: No Minimum No Maximum	Type of Connection: Side Hours: Mon-Fri 8 a.m. - 4 p.m.; with permission could be 24/7 Appointment Required: No Truck Size Limits: None Truck Weight Limits: None
Additional Access Information: Contact treatment plant for site access outside of business hours	
<b>Training</b>	
Required: Yes Who: Truck Driver Schedule: By Appointment	Duration: 2 hours or less Frequency: With each new application Location: Recycled Water Plant Length of time to become authorized truck hauler: 5 business days
<b>Signage</b>	
Area Use Signage Required: No Signs Provided by Water Agency: N/A	Vehicle Signage Required: Yes Signs Provided by Water Agency: Yes
<b>Vehicle Inspection</b>	
Required: Yes Duration: 1 hour or less How to schedule: Appointment	Inspection Location: Recycled Water Plant Re-inspection Required: With each new application
<b>Fees</b>	
Water: \$5.00 per 1,000 gal Connection Device: \$100 deposit Vehicle Signage: First set free Other:	Training: No Charge Permit: \$300 Use Area Signage: N/A

<b>CITY OF SUNNYVALE</b>	
<b>408.760.7560</b>	
Recycled Water Fill Facilities: Treatment Plant: Yes	Distribution System: No Can water be used outside of this agency's service area?: No
<b>Hydrant Fill Facilities</b>	
Location: None	
Number of Fill Facilities:	Connection Device:
Quality:	Truck Size Limits:
Quantity Limitations per Trip:	Truck Weight Limits:
Other Restrictions:	
Additional Access Information:	
<b>Fill Facilities at Treatment Plant</b>	
Location: Sunnyvale Water Pollution Control Plant (call for address)	
Quality: Disinfected Tertiary	Type of Connection: Hydrant
Quantity Limitations per Trip: No Minimum	Hours: Mon-Fri 7 a.m. - 4 p.m.
Maximum up to truck limit	Appointment Required: No
Quantity Limitations per Day: No Minimum	Truck Size Limits: None
No Maximum	Truck Weight Limits: None
Additional Access Information: Required to check in and check out.	
<b>Training</b>	
Required: Yes	Duration: 2 hours or less
Who: Truck Owner, Truck Driver, and Customer using water	Frequency: Annually
Schedule: By Appointment	Location: Agency Corp Yard
Length of time to become authorized truck hauler: 30 business days	
<b>Signage</b>	
Area Use Signage Required: Yes	Vehicle Signage Required: Yes
Signs Provided by Water Agency: No	Signs Provided by Water Agency: No
<b>Vehicle Inspection</b>	
Required: Yes	Inspection Location: Corp Yard
Duration: 1 hour or less	Re-inspection Required: Annually
How to schedule: Appointment	
<b>Fees</b>	
Water: \$5.23 per CCF	Training: No Charge
Connection Device: No Charge	Permit: \$125 annually
Vehicle Signage: User provides	Use Area Signage: User provides
Other:	

<b>TOWN OF YOUNTVILLE</b> <b>707.944.2988</b> <a href="http://townofyountville.com">townofyountville.com</a>	
Recycled Water Fill Facilities: Treatment Plant: Yes	Distribution System: No Can water be used outside of this agency's service area? No, not without authorization
<b>Hydrant Fill Facilities</b>	
Location: None Number of Fill Facilities: Quality: Quantity Limitations per Trip: Other Restrictions: Additional Access Information:	Connection Device: Truck Size Limits: Truck Weight Limits:
<b>Fill Facilities at Treatment Plant</b>	
Location: Town of Yountville Wastewater Reclamation Facility 7501 Solano Avenue, Yountville, CA 94599 Quality: Disinfected Tertiary and Disinfected Secondary-2.2 Quantity Limitations per Trip: No Minimum Maximum 5,000 gal Quantity Limitations per Day: No Minimum Maximum 25,000 gal per day Additional Access Information:	Type of Connection: Hydrant and Side Hours: Mon-Fri 8 a.m. - 3:30 p.m. Appointment Required: Yes, for initial fill-up and training Truck Size Limits: None Truck Weight Limits: None
<b>Training</b>	
Required: Yes Who: Truck Owner, Truck Driver, and Customer using water Schedule: By Appointment	Duration: 2 hours or less Frequency: Annually Location: Wastewater Reclamation Facility Length of time to become authorized truck hauler: 3 business days
<b>Signage</b>	
Area Use Signage Required: Yes Signs Provided by Water Agency: No	Vehicle Signage Required: No Signs Provided by Water Agency: N/A
<b>Vehicle Inspection</b>	
Required: No Duration: How to schedule:	Inspection Location: Re-inspection Required:
<b>Fees</b>	
Water: \$1,041.60 for first 100,000 gal Connection Device: No Charge Vehicle Signage: N/A Other:	Training: No Charge Permit: \$350 Use Area Signage: User provides

***SECTION 2***

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**Additional Commercial Truck Fill Facilities Anticipated in 2015**

## Commercial Fill Facilities Planned to be Operational in 2015

COUNTY/CITY	AGENCY
<b>SAN MATEO COUNTY</b>	
Pacifica	North Coast County Water District (contact for availability) Contact: <a href="http://www.nccwd.com">www.nccwd.com</a>
<b>MARIN COUNTY</b>	
San Rafael	Marin Municipal Water District (anticipated Jul/Aug 2015) Contact: (415) 945-1557
<b>SONOMA COUNTY</b>	
Windsor	Town of Windsor (anticipated late 2015) Contact: (707) 838-5343

***SECTION 3***

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**Potential Future Commercial Truck Fill Facilities**

## Agencies That May Consider Commerical Fill Facilities in the Future

At the time this Guide was prepared, the agencies below indicated they may consider development of commercial fill facilities, in particular if the drought continues.

COUNTY/CITY	AGENCY
<b>ALAMEDA COUNTY</b>	
Piedmont Union City	City of Piedmont Union Sanitary District
<b>CONTRA COSTA COUNTY</b>	
Antioch Brentwood	Delta Diablo Sanitation District (in planning phase) City of Brentwood
<b>MARIN COUNTY</b>	
San Rafael	Ross Valley Sanitary District
<b>SAN FRANCISCO</b>	
South San Francisco	South San Francisco
<b>SAN MATEO COUNTY</b>	
Menlo Park San Mateo	West Bay Sanitary District (in planning phase) City of San Mateo
<b>SOLANO COUNTY</b>	
Benicia	City of Benicia
<b>SONOMA COUNTY</b>	
Guerneville	Sonoma County Water Agency

***SECTION 4***

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**Existing and Planned Residential Fill Facilities**

## Existing Residential Fill Facilities

COUNTY/CITY	AGENCY
<b>ALAMEDA COUNTY</b>	
Dublin Livermore	Dublin San Ramon Services District City of Livermore
<b>CONTRA COSTA COUNTY</b>	
Concord	Central Contra Costa Sanitary District
<b>SAN MATEO COUNTY</b>	
Palo Alto	City of Palo Alto (Residents may obtain a residential use permit from the City and contract with a City-authorized commercial water hauler to deliver recycled water. The City does not have a residential truck fill station.)
Redwood City	City of Redwood City

## Planned Residential Fill Facilities

COUNTY/CITY	AGENCY
<b>ALAMEDA COUNTY</b>	
Oakland	East Bay Municipal Utility District (anticipated July 2015)
<b>MARIN COUNTY</b>	
Novato San Rafael	North Marin Water District (anticipated July 2015) Marin Municipal Water District (anticipated Fall 2015)

***SECTION 5***

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**Recycled Water Uses Allowed in California**

# Recycled Water Uses Allowed<sup>1</sup> in California

Use of Recycled Water	Treatment Level			
	Disinfected Tertiary Recycled Water	Disinfected Secondary – 2.2 Recycled Water	Disinfected Secondary – 23 Recycled Water	Undisinfected Secondary Recycled Water
<b><i>Irrigation of:</i></b>				
Food crops where recycled water contacts the edible portion of the crop, including all root crops	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Parks and playgrounds	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
School yards	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Residential landscaping	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Unrestricted-access golf courses	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Any other irrigation uses not prohibited by other provisions of the California Code of Regulations	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Food crops, surface-irrigated, above-ground edible portion, and not contacted by recycled water	<b>Allowed</b>	<b>Allowed</b>	Not Allowed	Not Allowed
Cemeteries	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Freeway landscaping	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Restricted-access golf courses	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Ornamental nursery stock and sod farms with unrestricted public access	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Pasture for milk animals for human consumption	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Non-edible vegetation with access control to prevent use as a park, playground or school yard	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Orchards with no contact between edible portion and recycled water	<b>Allowed</b>	<b>Allowed</b>	Not Allowed <sup>2</sup>	Not Allowed <sup>2</sup>
Vineyards with no contact between edible portion and recycled water	<b>Allowed</b>	<b>Allowed</b>	Not Allowed <sup>2</sup>	Not Allowed <sup>2</sup>
Non food-bearing trees, including Christmas trees not irrigated less than 14 days before harvest	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>
Fodder and fiber crops and pasture for animals not producing milk for human consumption	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>
Seed crops not eaten by humans	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>
Food crops undergoing commercial pathogen-destroying processing before consumption by humans	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>
Ornamental nursery stock, sod farms not irrigated less than 14 day before harvest	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>
<b><i>Supply for impoundment:</i></b>				
Non-restricted recreational impoundments, with supplemental monitoring for pathogenic organisms	<b>Allowed<sup>3</sup></b>	Not Allowed	Not Allowed	Not Allowed
Restricted recreational impoundments and publicly-accessible fish hatcheries	<b>Allowed</b>	<b>Allowed</b>	Not Allowed	Not Allowed
Landscape impoundments without decorative fountains	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
<b><i>Supply for cooling or air conditioning:</i></b>				
Industrial or commercial cooling or air conditioning involving cooling tower, evaporative condenser, or spraying that creates a mist	<b>Allowed<sup>4</sup></b>	Not Allowed	Not Allowed	Not Allowed
Industrial or commercial cooling or air conditioning not involving cooling tower, evaporative condenser, or spraying that creates a mist	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed

# Recycled Water Uses Allowed<sup>1</sup> in California

(continued)

Use of Recycled Water	Treatment Level			
	Disinfected Tertiary Recycled Water	Disinfected Secondary – 2.2 Recycled Water	Disinfected Secondary – 23 Recycled Water	Undisinfected Secondary Recycled Water
<i>Other uses:</i>				
Groundwater recharge	<b>Allowed</b> under special case-by-case permits by RWQCBs <sup>5</sup>			
Flushing toilets and urinals	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Priming drain traps	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Industrial process water that may contact workers	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Structural fire fighting	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Decorative fountains	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Commercial laundries	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Consolidation of backfill material around potable water pipelines	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Artificial snow making for commercial outdoor uses	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Commercial car washes, not heating the water, excluding the general public from washing process	<b>Allowed</b>	Not Allowed	Not Allowed	Not Allowed
Industrial process water that will not come into contact with workers	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Industrial boiler feedwater	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Non-structural fire fighting	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Backfill consolidation around non-potable piping	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Soil compaction	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Mixing concrete	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Dust control on roads and streets	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Cleaning roads, sidewalks, and outdoor work areas	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	Not Allowed
Flushing sanitary sewers	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>	<b>Allowed</b>

This summary is prepared from the December 2, 2000-adopted Title 22 Water Recycling Criteria and supersedes all earlier versions. Prepared by Bahman Sheikh and edited by EBMUD Office of Water Recycling, who acknowledge this is a summary and not the formal version of the regulations referenced above.

<sup>1</sup> Refer to the full text of the December 2, 2000 version of Title 22: California Code of Regulations, Chapter 3 Water Recycling Criteria. This chart is only an informal summary of the uses allowed in this version, with the exception of orchards and vineyards noted as "Not Allowed<sup>2</sup>" on page 1 and explained below.

<sup>2</sup> Per California Department of Public Health letter of January 8, 2003 to California Regional Water Quality Control Boards.

<sup>3</sup> Allowed with "conventional tertiary treatment." Additional monitoring for two years or more is necessary with direct filtration.

<sup>4</sup> Drift eliminators and/or biocides are required if public or employees can be exposed to mist.

<sup>5</sup> Refer to Groundwater Recharge Guidelines, available from the California Department of Public Health.