

Bay Area Recycled Water Commercial Truck Fill Facilities Location Guide January 2015



Background

This Guide was prepared by Whitley Burchett & Associates under contract with 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.

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. Please contact agencies directly for current information.

Cover Photos

Top row from left to right: San Francisco Public Utilities Commission,
Dublin San Ramon Services District

Bottom row: East Bay Municipal Utility District

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>.

TABLE OF CONTENTS

Bay Area Commercial Recycled Water Truck Fill Facilities Location Map..... ii
List of Agencies with Commercial Fill Facilities Sorted by County/City..... iii

SECTION 1 - RECYCLED WATER COMMERCIAL TRUCK FILL FACILITIES INFORMATION

Calistoga, City of..... 1
Central Contra Costa Sanitary District..... 2
Dublin San Ramon Services District..... 3
East Bay Municipal Utility District..... 4
Livermore, City of..... 5
Marin Municipal Water District..... 6
Milpitas, City of..... 7
Napa Sanitation District..... 8
North Marin Water District..... 9
Oro Loma/East Bay Dischargers Authority..... 10
Palo Alto, City of..... 11
Petaluma, City of..... 12
Redwood City, City of..... 13
San Francisco International Airport..... 14
San Francisco Public Utilities Commission..... 15
Santa Rosa, City of..... 16
Sonoma County Water Agency..... 17
South Bay Water Recycling and City of San Jose..... 18
Sunnyvale, City of..... 19
Yountville, Town of..... 20

SECTION 2 - ADDITIONAL COMMERCIAL TRUCK FILL FACILITIES IN 2015

Commercial Fill Facilities Planned to be Operational in 2015..... 21

SECTION 3 - POTENTIAL FUTURE COMMERCIAL TRUCK FILL FACILITIES

Agencies That May Consider Fill Facilities in the Future..... 22

SECTION 4 - Recycled Water Uses Allowed in California

Recycled Water Uses Allowed in California..... 23

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.
ALAMEDA COUNTY		
Dublin	Dublin San Ramon Services District	3
Livermore	City of Livermore	5
Oakland	East Bay Municipal Utility District	4
San Lorenzo	Oro Loma/East Bay Dischargers Authority	10
CONTRA COSTA COUNTY		
Concord	Central Contra Costa Sanitary District	2
Martinez	Central Contra Costa Sanitary District	2
Richmond	East Bay Municipal Utility District	4
MARIN COUNTY		
Novato	North Marin Water District	9
San Rafael	Marin Municipal Water District	6
NAPA COUNTY		
Calistoga	City of Calistoga	1
Napa	Napa Sanitation District	8
Yountville	Town of Yountville	20
SAN FRANCISCO		
San Francisco	San Francisco Public Utilities Commission	15
SAN MATEO COUNTY		
San Francisco	San Francisco International Airport	14
Redwood City	City of Redwood City	13
SANTA CLARA COUNTY		
Milpitas	City of Milpitas	7
Palo Alto	City of Palo Alto	11
San Jose	South Bay Water Recycling and City of San Jose	18
Sunnyvale	City of Sunnyvale	19
SONOMA COUNTY		
Petaluma	City of Petaluma	12
Santa Rosa	City of Santa Rosa	16
Sonoma	Sonoma County Water Agency	17

SECTION 1

Recycled Water Commercial Truck Fill Facilities Information

DUBLIN SAN RAMON SERVICES DISTRICT

925.875.2334

www.dsrsd.com**Recycled Water Fill Facilities:**

Treatment Plant Yes

Distribution System Yes

Can water be used outside of this agency's service area? Yes

Hydrant Fill Facilities

Location: Dublin, CA - see website for locations

Number of Fill Facilities: 10+

Connection Device: Construction Meter

Quality: Disinfected Tertiary

Truck Size Limits: None

Quantity Limitations per Trip: No Minimum

Truck Weight Limits: None

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.

Fill Facilities at Treatment Plant

Location: DSRSD Wastewater Treatment Plant

7399 Johnson Drive, Pleasanton

Quality: Disinfected Tertiary

Type of Connection: Overhead and Large Hose Bib

Quantity Limitations per Trip: No Minimum

Hours: 24 hrs/day, 7 days/wk*

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: *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.

Training

Required: Yes

Duration: 15 min

Who: Truck Owner and Driver

Frequency: Once

Schedule: By Appointment

Location: Recycled Water Plant

Length of time to become authorized truck hauler: 1 business day

Signage

Area Use Signage Required: No

Vehicle Signage Required: Yes

Signs Provided by Water Agency: N/A

Signs Provided by Water Agency: Yes

Vehicle Inspection

Required: No

Inspection Location:

Duration:

Re-inspection Required:

How to schedule:

FeesWater: Hydrant- check with DSRSD
for current fee;
Plant- \$10/truck load

Training: No Charge

Permit: Hydrant- No permit fee;
Treatment Plant- \$73/yearConnection Device: Hydrant access- \$1,000
deposit for construction
meter; Treatment Plant-

Use Area Signage: N/A

No connection device charge

Vehicle Signage: No Charge

Other:

EAST BAY MUNICIPAL UTILITY DISTRICT

510.287.1346

www.ebmud.com

Recycled Water Fill Facilities:

Treatment Plant Yes

Distribution System No

Can water be used outside of this agency's service area? Check with EBMUD

Hydrant Fill Facilities

Location: None

Number of Fill Facilities:

Connection Device:

Quality:

Truck Size Limits:

Quantity Limitations per Trip:

Truck Weight Limits:

Other Restrictions:

Additional Access Information: www.ebmud.com, search "Recycled Water Truck Program"

Fill Facilities at Treatment Plant

Locations: 1) EBMUD Wastewater Treatment Plant, Oakland

2) North Richmond Water Recycling Plant, Richmond

Quality: Disinfected Tertiary

Type of Connection: Hydrant

Quantity Limitations per Trip: No Minimum

Hours: 24 hrs/day, 7 days/wk

Maximum up to truck limit

Appointment Required: Only for first visit

Quantity Limitations per Day: No Minimum

Truck Size Limits: None

No Maximum

Truck Weight Limits: None

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.

Training

Required: Yes

Duration: 15 minutes

Who: Truck Driver

Frequency: Once

Schedule: By Appointment

Location: Recycled Water Plant

Length of time to become authorized truck hauler: 5 business days

Signage

Area Use Signage Required: No

Vehicle Signage Required: Yes

Signs Provided by Water Agency: N/A

Signs Provided by Water Agency: Yes

Vehicle Inspection

Required: Yes

Inspection Location: Recycled Water Plant

Duration: Less than 1 hour

Re-inspection Required: No

How to schedule: To be conducted at time of training

Fees

Water: No Charge

Training: No Charge

Connection Device: No Charge

Permit: No Charge

Vehicle Signage: No Charge

Use Area Signage: N/A

Other:

ORO LOMA	
510.276.4700	
Recycled Water Fill Facilities:	
Treatment Plant Yes	Distribution System No
Can water be used outside of this agency's service area? Yes	
Hydrant Fill Facilities	
Location: None	
Number of Fill Facilities:	Connection Device:
Quality:	Truck Size Limits:
Quantity Limitations per Trip:	Truck Weight Limits:
Other Restrictions:	
Additional Access Information:	
Fill Facilities at Treatment Plant	
Location: Oro Loma Treatment Facility (call for address)	
Quality: Disinfected Secondary-2.2	Type of Connection: Overhead
Quantity Limitations per Trip: No Minimum	Hours: M-F: 6 a.m. - 5 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:	
Training	
Required: Yes	Duration: 15 min
Who: Truck Driver	Frequency: Once
Schedule: By Appointment	Location: Recycled Water Plant
Length of time to become authorized truck hauler: 1 business day	
Signage	
Area Use Signage Required: No	Vehicle Signage Required: No
Signs Provided by Water Agency: N/A	Signs Provided by Water Agency: N/A
Vehicle Inspection	
Required: No	Inspection Location:
Duration:	Re-inspection Required:
How to schedule:	
Fees	
Water: No Charge	Training: No Charge
Connection Device: No Charge	Permit: No Charge
Vehicle Signage: N/A	Use Area Signage: N/A
Other:	

CITY OF PALO ALTO	
650.329.2598	
Recycled Water Fill Facilities: Treatment Plant Yes Distribution System No Can water be used outside of this agency's service area? Yes	
Hydrant Fill Facilities	
Location: None Number of Fill Facilities: Connection Device: Quality: Truck Size Limits: Quantity Limitations per Trip: Truck Weight Limits: Other Restrictions: Additional Access Information:	
Fill Facilities at Treatment Plant	
Location: Palo Alto Regional Water Quality Control Plant (call for address) Quality: Disinfected Tertiary Type of Connection: Overhead and Side Quantity Limitations per Trip: No Minimum Hours: Mon-Fri 6:30 a.m. - 5 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:	
Training	
Required: Yes Duration: 2 hours or less Who: Truck Driver Frequency: Once Schedule: By Appointment Location: Recycled Water Plant Length of time to become authorized truck hauler: 1 business day	
Signage	
Area Use Signage Required: Yes Vehicle Signage Required: Yes Signs Provided by Water Agency: No Signs Provided by Water Agency: No	
Vehicle Inspection	
Required: No Inspection Location: Duration: Re-inspection Required: How to schedule:	
Fees	
Water: No Charge Training: No Charge Connection Device: No Charge Permit: \$50 per year Vehicle Signage: User provides Use Area Signage: User provides Other:	

SAN FRANCISCO PUBLIC UTILITIES COMMISSION	
415.695.7378	
Recycled Water Fill Facilities: Treatment Plant Yes Distribution System No Can water be used outside of this agency's service area? No	
Hydrant Fill Facilities	
Location: None Number of Fill Facilities: Connection Device: Quality: Truck Size Limits: Quantity Limitations per Trip: Truck Weight Limits: Other Restrictions: Additional Access Information:	
Fill Facilities at Treatment Plant	
Location: South East Treatment Plant 750 Phelps Street, San Francisco Quality: Disinfected Secondary-23 Type of Connection: Overhead and Side Quantity Limitations per Trip: No Minimum Hours: 24 hrs/day, 7 days/week Maximum up to truck limit Appointment Required: Quantity Limitations per Day: No Minimum Truck Size Limits: None No Maximum Truck Weight Limits: None Additional Access Information: Access code and PIN provided at permit issuance	
Training	
Required: Yes Duration: 2 hours or less Who: Truck Driver Frequency: Once Schedule: By Appointment Location: Treatment Plant Length of time to become authorized truck hauler: 3 business days	
Signage	
Area Use Signage Required: Yes Vehicle Signage Required: Yes Signs Provided by Water Agency: No Signs Provided by Water Agency: Yes	
Vehicle Inspection	
Required: Yes Inspection Location: Truck Fill Facility Duration: 1 hour or less Re-inspection Required: Not required How to schedule: Appointment	
Fees	
Water: No Charge Training: No Charge Connection Device: No Charge Permit: No Charge Vehicle Signage: No Charge Use Area Signage: No Charge Other:	

SECTION 2

Additional Commercial Truck Fill Facilities in 2015

Commercial Fill Facilities Planned to be Operational in 2015

COUNTY/CITY	AGENCY
SAN MATEO COUNTY	
Pacifica	North Coast County Water District (contact for availability) Contact: www.nccwd.com
SONOMA COUNTY	
Windsor	Town of Windsor (operational Spring 2015) Contact: (707) 838-5343

SECTION 3

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
ALAMEDA COUNTY	
Piedmont Union City	City of Piedmont Union Sanitary District
CONTRA COSTA COUNTY	
Antioch Brentwood Richmond	Delta Diablo Sanitation District City of Brentwood West County Wastewater District
MARIN COUNTY	
San Rafael	Ross Valley Sanitary District
SAN FRANCISCO	
South San Francisco	South San Francisco
SAN MATEO COUNTY	
Menlo Park San Mateo	West Bay Sanitary District City of San Mateo
SOLANO COUNTY	
Benicia	City of Benicia
SONOMA COUNTY	
Guerneville Petaluma Santa Rosa Santa Rosa Sonoma	Sonoma County Water Agency City of Petaluma City of Santa Rosa Sonoma County Water Agency Sonoma County Water Agency

SECTION 4

Recycled Water Uses Allowed in California

Recycled Water Uses Allowed¹ 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
<i>Irrigation of:</i>				
Food crops where recycled water contacts the edible portion of the crop, including all root crops	Allowed	Not Allowed	Not Allowed	Not Allowed
Parks and playgrounds	Allowed	Not Allowed	Not Allowed	Not Allowed
School yards	Allowed	Not Allowed	Not Allowed	Not Allowed
Residential landscaping	Allowed	Not Allowed	Not Allowed	Not Allowed
Unrestricted-access golf courses	Allowed	Not Allowed	Not Allowed	Not Allowed
Any other irrigation uses not prohibited by other provisions of the California Code of Regulations	Allowed	Not Allowed	Not Allowed	Not Allowed
Food crops, surface-irrigated, above-ground edible portion, and not contacted by recycled water	Allowed	Allowed	Not Allowed	Not Allowed
Cemeteries	Allowed	Allowed	Allowed	Not Allowed
Freeway landscaping	Allowed	Allowed	Allowed	Not Allowed
Restricted-access golf courses	Allowed	Allowed	Allowed	Not Allowed
Ornamental nursery stock and sod farms with unrestricted public access	Allowed	Allowed	Allowed	Not Allowed
Pasture for milk animals for human consumption	Allowed	Allowed	Allowed	Not Allowed
Non-edible vegetation with access control to prevent use as a park, playground or school yard	Allowed	Allowed	Allowed	Not Allowed
Orchards with no contact between edible portion and recycled water	Allowed	Allowed	Not Allowed ²	Not Allowed ²
Vineyards with no contact between edible portion and recycled water	Allowed	Allowed	Not Allowed ²	Not Allowed ²
Non food-bearing trees, including Christmas trees not irrigated less than 14 days before harvest	Allowed	Allowed	Allowed	Allowed
Fodder and fiber crops and pasture for animals not producing milk for human consumption	Allowed	Allowed	Allowed	Allowed
Seed crops not eaten by humans	Allowed	Allowed	Allowed	Allowed
Food crops undergoing commercial pathogen-destroying processing before consumption by humans	Allowed	Allowed	Allowed	Allowed
Ornamental nursery stock, sod farms not irrigated less than 14 day before harvest	Allowed	Allowed	Allowed	Allowed
<i>Supply for impoundment:</i>				
Non-restricted recreational impoundments, with supplemental monitoring for pathogenic organisms	Allowed³	Not Allowed	Not Allowed	Not Allowed
Restricted recreational impoundments and publicly-accessible fish hatcheries	Allowed	Allowed	Not Allowed	Not Allowed
Landscape impoundments without decorative fountains	Allowed	Allowed	Allowed	Not Allowed
<i>Supply for cooling or air conditioning:</i>				
Industrial or commercial cooling or air conditioning involving cooling tower, evaporative condenser, or spraying that creates a mist	Allowed⁴	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	Allowed	Allowed	Allowed	Not Allowed

Recycled Water Uses Allowed¹ 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	Allowed under special case-by-case permits by RWQCBs ⁵			
Flushing toilets and urinals	Allowed	Not Allowed	Not Allowed	Not Allowed
Priming drain traps	Allowed	Not Allowed	Not Allowed	Not Allowed
Industrial process water that may contact workers	Allowed	Not Allowed	Not Allowed	Not Allowed
Structural fire fighting	Allowed	Not Allowed	Not Allowed	Not Allowed
Decorative fountains	Allowed	Not Allowed	Not Allowed	Not Allowed
Commercial laundries	Allowed	Not Allowed	Not Allowed	Not Allowed
Consolidation of backfill material around potable water pipelines	Allowed	Not Allowed	Not Allowed	Not Allowed
Artificial snow making for commercial outdoor uses	Allowed	Not Allowed	Not Allowed	Not Allowed
Commercial car washes, not heating the water, excluding the general public from washing process	Allowed	Not Allowed	Not Allowed	Not Allowed
Industrial process water that will not come into contact with workers	Allowed	Allowed	Allowed	Not Allowed
Industrial boiler feedwater	Allowed	Allowed	Allowed	Not Allowed
Non-structural fire fighting	Allowed	Allowed	Allowed	Not Allowed
Backfill consolidation around non-potable piping	Allowed	Allowed	Allowed	Not Allowed
Soil compaction	Allowed	Allowed	Allowed	Not Allowed
Mixing concrete	Allowed	Allowed	Allowed	Not Allowed
Dust control on roads and streets	Allowed	Allowed	Allowed	Not Allowed
Cleaning roads, sidewalks, and outdoor work areas	Allowed	Allowed	Allowed	Not Allowed
Flushing sanitary sewers	Allowed	Allowed	Allowed	Allowed

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.

¹ 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 Allowed²" on page 1 and explained below.

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

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

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

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