INFORMATION HANDOUT

For Contract No. 04-3J5304
At 04-SCl-237-6.9/R9.2

Identified by
Project ID 0415000159

BAY AREA RECYCLED WATER FOR CONSTRUCTION USE

BACWA
BAY AREA
CLEAN WATER
AGENCIES

BAY AREA RECYCLED WATER

Commercial Truck Fill Facilities Location Guide

JUNE 2015

WHITLEY BURCHETT & *Associates*

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.

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.

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/South Bay Water Recycling..... 7
Napa Sanitation District..... 8
North Marin Water District..... 9
Oro Loma Sanitary District/East Bay Dischargers Authority..... 10
Palo Alto, City of..... 11
Petaluma, City of..... 12
Redwood City, City of..... 13
San Francisco, City and County of/San Francisco Public Utilities Commission..... 14
San Francisco International Airport..... 15
San Jose, City of/South Bay Water Recycling..... 16
Santa Rosa, City of..... 17
Sonoma County Water Agency..... 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 - LIST OF EXISTING AND PLANNED RESIDENTIAL FILL FACILITIES

Residential Fill Facilities..... 23

SECTION 5 - RECYCLED WATER USES ALLOWED IN CALIFORNIA

Recycled Water Uses Allowed in California..... 24

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
Pleasanton	Dublin San Ramon Services District	3
San Lorenzo	Oro Loma Sanitary District/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
San Ramon	Dublin San Ramon Services District	3
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	City and County of San Francisco/SFPUC	14
SAN MATEO COUNTY		
San Francisco	San Francisco International Airport	15
Redwood City	City of Redwood City	13
SANTA CLARA COUNTY		
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
SONOMA COUNTY		
Petaluma	City of Petaluma	12
Santa Rosa	City of Santa Rosa	17
Sonoma	Sonoma County Water Agency	18

SECTION 1

Recycled Water Commercial Truck Fill Facilities Information

CITY OF CALISTOGA

707.942.2782

www.ci.calistoga.ca.us

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:	Dunaweal Wastewater Treatment Plant (call for address)		
Quality:	Disinfected Tertiary	Type of Connection:	Side
Quantity Limitations per Trip:	No Minimum	Hours:	Mon-Fri 7 a.m. - 3:30 p.m.
	Maximum up to truck limit	Appointment Required:	No
Quantity Limitations per Day:	No Minimum	Truck Size Limits:	None
	Maximum 50,000 gal	Truck Weight Limits:	None
Additional Access Information:			

Training

Required:	No	Duration:	
Who:		Frequency:	
Schedule:		Location:	
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:			

Fees

Water:	No Charge	Training:	No Charge
Connection Device:	No Charge	Permit:	No Charge
Vehicle Signage:	No Charge	Use Area Signage:	N/A
Other:			

CENTRAL CONTRA COSTA SANITARY DISTRICT

925.228.9500

www.centralsan.org

Recycled Water Fill Facilities:

Treatment Plant: No

Distribution System: Yes

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

Hydrant Fill Facilities

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)

Fill Facilities at Treatment Plant

Location: None

Quality:

Type of Connection:

Quantity Limitations per Trip:

Hours:

Appointment Required:

Quantity Limitations per Day:

Truck Size Limits:

Truck Weight Limits:

Additional Access Information:

Training

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

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:

Fees

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:

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 and San Ramon, CA - see website for locations
Number of Fill Facilities: 18
Connection Device: Construction Meter
Quality: Disinfected Tertiary
Truck Size Limits: None
Quantity Limitations per Trip: No Minimum
Maximum up to truck limit
Truck Weight Limits: None
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
Maximum up to truck limit
Hours: 24 hrs/day, 7 days/wk*
Appointment Required: No
Quantity Limitations per Day: No Minimum
No Maximum
Truck Size Limits: None
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:

Fees

Water: Hydrant- check with DSRSD for current fee; Plant- $10/truck load
Training: No Charge
Permit: Hydrant- No permit fee; Treatment Plant- $73/year
Connection Device: Hydrant access- $1,000 deposit for construction meter; Treatment Plant- No connection device charge
Use Area Signage: N/A
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:

Fill Facilities at Treatment Plant

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
Type of Connection: Hydrant
Quantity Limitations per Trip: No Minimum
Maximum up to truck limit
Hours: 24 hrs/day, 7 days/wk
Appointment Required: Only for first visit
Quantity Limitations per Day: No Minimum
No Maximum
Truck Size Limits: None
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. For more information, visit www.ebmud.com, search "Recycled Water Truck

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:

CITY OF LIVERMORE

925.960.8138

Recycled Water Fill Facilities:

Treatment Plant: No

Distribution System: Yes

Can water be used outside of this agency's service area? No

Hydrant Fill Facilities

Location: Call for address

Number of Fill Facilities: 10+

Connection Device: Construction meter and Hydrant Key

Quality: Disinfected Tertiary

Truck Size Limits: No limit

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Truck Weight Limits: No limit

Other Restrictions:

Additional Access Information:

Fill Facilities at Treatment Plant

Location: None

Quality:

Type of Connection:

Quantity Limitations per Trip:

Hours:

Appointment Required:

Quantity Limitations per Day:

Truck Size Limits:

Truck Weight Limits:

Additional Access Information:

Training

Required: Yes

Duration: 2 hours or less

Who: Truck Driver

Frequency: Once

Schedule: At time of hydrant meter deposit

Location: Administration Building

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: Yes

Signs Provided by Water Agency: Yes

Vehicle Inspection

Required: No

Inspection Location:

Duration:

Re-inspection Required:

How to schedule:

Fees

Water: $2.50 per CCF

Training: No Charge

Connection Device: $1,000

Permit: No Charge

Vehicle Signage: Varies

Use Area Signage: No Charge

Other: Monthly service charge of $195.30

MARIN MUNICIPAL WATER DISTRICT

415.945.1557

Recycled Water Fill Facilities:
Treatment Plant: No
Distribution System: Yes
Can water be used outside of this agency's service area? No

Hydrant Fill Facilities

Location: Call for location
Number of Fill Facilities: 1
Connection Device: Hydrant meter
Quality: Tertiary
Truck Size Limits: No limit
Quantity Limitations per Trip: No Minimum
Maximum up to truck limit
Truck Weight Limits: No limit
Other Restrictions:
Additional Access Information:

Fill Facilities at Treatment Plant

Location: None
Quality:
Type of Connection:
Quantity Limitations per Trip:
Hours:
Appointment Required:
Quantity Limitations per Day:
Truck Size Limits:
Truck Weight Limits:
Additional Access Information:

Training

Required: Yes
Duration: 2 hours or less
Who: Truck Driver
Frequency: Once
Schedule: By Appointment
Location: Administration Building or Hydrant Fill Facility
Length of time to become authorized truck hauler: 1-6 business days

Signage

Area Use Signage Required: Yes
Vehicle Signage Required: Yes
Signs Provided by Water Agency: Yes
Signs Provided by Water Agency: Yes

Vehicle Inspection

Required: Yes
Inspection Location: Administration Building
Duration: 1 hour or less
Re-inspection Required: Annually
How to schedule: Appointment

Fees

Water: Tier 1: 0-100 CCF @ $2.57 per CCF
Tier 2: 101-150 CCF @ $7.48 per CCF
Tier 3: over 150 CCF @ $14.97 per CCF
Training: No Charge
Connection Device: No Charge
Permit: No Charge
Vehicle Signage: No Charge
Use Area Signage: No Charge
Other:

CITY OF MILPITAS/SOUTH BAY WATER RECYCLING

408.586.3355

www.ci.milpitas.ca.gov

Recycled Water Fill Facilities:

Treatment Plant: No

Distribution System: Yes

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

Hydrant Fill Facilities

Location: Call for locations

Number of Fill Facilities: 5

Connection Device: Hydrant key and Construction meter

Quality: Disinfected Tertiary

Truck Size Limits: check with City

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Truck Weight Limits: check with City

Other Restrictions: M-F: 7 a.m. to 7 p.m.

Additional Access Information: Secure access. Gate key to be provided at training.

Fill Facilities at Treatment Plant

Location: None

Quality:

Type of Connection:

Quantity Limitations per Trip:

Hours:

Appointment Required:

Quantity Limitations per Day:

Truck Size Limits:

Truck Weight Limits:

Additional Access Information:

Training

Required: Yes

Duration: 1 hour

Who: Truck Owner, Truck Driver, and Customer

Frequency: Once

Schedule: By Appointment and Semi-Annually

Location: Administration Building or Hydrant fill facility

Length of time to become authorized truck hauler: 2 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: Administration Building or Hydrant fill facility

Duration: 1 hour or less

How to schedule: Appointment

Re-inspection Required: Annually

Fees

Water: $2.65 per CCF

Training: No Charge

Connection Device: $2,000

Permit: No Charge

Vehicle Signage: No charge

Use Area Signage: No charge

Other: Monthly fee of $75

NAPA SANITATION DISTRICT

707.258.6029

www.napasan.com

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: Soscol Water Recycling Facility, Napa CA (call for address)

Quality: Disinfected Tertiary

Type of Connection: Side

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Hours: 7:30 a.m. - 4:30 p.m. Daily

Appointment Required: No

Quantity Limitations per Day: No Minimum
No Maximum

Truck Size Limits: None

Truck Weight Limits: None

Additional Access Information:

Training

Required: Yes

Duration: 2 hours or less

Who: Truck Owner, Truck Driver, and Customer

Frequency: Once, plus Annual Refresher

Schedule: By Appointment

Location: Recycled Water Plant

Length of time to become authorized truck hauler: 2 business days

Signage

Area Use Signage Required: Yes

Vehicle Signage Required: Yes

Signs Provided by Water Agency: Yes

Signs Provided by Water Agency: Yes

Vehicle Inspection

Required: Yes

Inspection Location: Recycled Water Plant

Duration: 15 min

Re-inspection Required:

How to schedule: By Appointment

Fees

Water: $1.01 per 1,000 gal

Training: No Charge

Connection Device: No Charge

Permit: $50

Vehicle Signage: $6 per sticker and $10.50 per plastic sign

Use Area Signage: $6 per sticker and $10.50 per plastic sign

Other:

NORTH MARIN WATER DISTRICT

415.761.8912

www.nmwd.com

Recycled Water Fill Facilities:

Treatment Plant: No

Distribution System: Yes

Can water be used outside of this agency's service area? No

Hydrant Fill Facilities

Location: Novato, CA (Call for address)

Number of Fill Facilities: 10+

Connection Device: Hydrant key

Quality: Disinfected Tertiary

Truck Size Limits: No limit

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Truck Weight Limits: No limit

Other Restrictions:

Additional Access Information: Obtain permit at District Office (999 Rush Creek Place, Novato)

Fill Facilities at Treatment Plant

Location: None

Quality:

Type of Connection:

Quantity Limitations per Trip:

Hours:

Appointment Required:

Quantity Limitations per Day:

Truck Size Limits:

Truck Weight Limits:

Additional Access Information:

Training

Required: Yes

Duration: 15 Min

Who: Truck Driver

Frequency: Once

Schedule: By appointment

Location: District Office

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:

Fees

Water: $5.00 per load; no max.

Training: N/A

Connection Device: No Charge

Permit: No Charge

Vehicle Signage: No Charge

Use Area Signage: N/A

Other:

ORO LOMA SANITARY DISTRICT/EAST BAY DISCHARGERS AUTHORITY

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, San Lorenzo CA (call for address)
Quality: Disinfected Secondary-2.2
Type of Connection: Overhead
Quantity Limitations per Trip: No Minimum
Maximum up to truck limit
Hours: M-F: 6 a.m. - 5 p.m.
Appointment Required: No
Quantity Limitations per Day: No Minimum
No Maximum
Truck Size Limits: None
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: Yes

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

Hydrant Fill Facilities

Location: Greer Park (on Colorado Ave at the intersection of West Bayshore Road)

Number of Fill Facilities: 1

Connection Device: Hose

Quality: Disinfected Tertiary

Truck Size Limits: None

Quantity Limitations per Trip: None

Truck Weight Limits: None

Other Restrictions: Permit required to access

Additional Access Information: Accessible 24 hours a day, seven days a week.

Fill Facilities at Treatment Plant

Location: Palo Alto Regional Water Quality Control Plant
2501 Embarcadero Way, Palo Alto, CA 94303

Quality: Disinfected Tertiary

Type of Connection: Overhead and Side

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Hours: Mon-Fri 5:30 a.m. - 5:30 p.m.*

Appointment Required: No

Quantity Limitations per Day: No Minimum
No Maximum

Truck Size Limits: None

Truck Weight Limits: None

Additional Access Information: * Extended hours during drought emergency. Normal hours are Monday to Friday 6:30 a.m. to 5:00 p.m.

Training

Required: Yes

Duration: 30 minutes 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, typically

Signage

Area Use Signage Required: Yes

Vehicle Signage Required: Yes

Signs Provided by Water Agency: No

Signs Provided by Water Agency: Yes for vehicles

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 3 years

Vehicle Signage: User provides

Use Area Signage: User provides

Other:

CITY OF PETALUMA

707.776.3726

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: Petaluma, CA (call for information)

Number of Fill Facilities: 3

Connection Device: Hydrant Meter

Quality: Disinfected Tertiary

Truck Size Limits: None

Quantity Limitations per Trip: None

Truck Weight Limits: None

Other Restrictions: Hydrant meter fees noted below

Additional Access Information: Contact Pat Dirrane, 707-778-4561

Fill Facilities at Treatment Plant

Location: Ellis Creek Water Recycling Facility (call for address)

Quality: Disinfected Tertiary

Type of Connection: Overhead

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Hours: Mon-Fri 7 a.m. - 4:30 p.m.

Appointment Required: No

Quantity Limitations per Day: No Minimum
No Maximum

Truck Size Limits: None

Truck Weight Limits: None

Additional Access Information: Check in at office each trip, keep "purple card" in truck at all times

Training

Required: Yes

Duration: 2 hours or less

Who: Truck Driver and
Customer using water

Frequency: Once

Location: Recycled Water Plant

Schedule: By Appointment

Additional Permit Requirement: City inspects all recycled water use sites, and performs cross connection checks. City issues permit to recycled water user. Recycled water user must contact City to initiate water hauling. Time to issue permit varies.

Length of time to become authorized truck hauler: Varies. Contact City.

Signage

Area Use Signage Required: Yes

Vehicle Signage Required: Yes

Signs Provided by Water Agency: Yes

Signs Provided by Water Agency: Yes

Vehicle Inspection

Required: No

Inspection Location:

Duration:

Re-inspection Required:

How to schedule:

Fees

Water: $1.88 per CCF

Training: No Charge

Connection Device: Hydrant- $1000 deposit for meter plus $45 meter setting fee.
Treatment Plant - No connection device charge

Permit: No Charge

Vehicle Signage: No Charge

Use Area Signage: No Charge

Other:

CITY OF REDWOOD CITY

650.780.7470

Recycled Water Fill Facilities:

Treatment Plant: No

Distribution System: Yes

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

Hydrant Fill Facilities

Location: Redwood City, CA (call for location)

Number of Fill Facilities: 5

Connection Device: Construction Meter

Quality: Disinfected Tertiary

Truck Size Limits: No limit

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Truck Weight Limits: No limit

Other Restrictions:

Additional Access Information:

Fill Facilities at Treatment Plant

Location:

Quality:

Type of Connection:

Quantity Limitations per Trip:

Hours:

Appointment Required:

Quantity Limitations per Day:

Truck Size Limits:

Truck Weight Limits:

Additional Access Information:

Training

Required: Yes

Duration: 2 hours or less

Who: Truck Owner, Truck Driver, and Customer using water

Frequency: Once

Location: Administration Building

Schedule: By Appointment

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

Signage

Area Use Signage Required: Yes

Vehicle Signage Required: Yes

Signs Provided by Water Agency: Yes

Signs Provided by Water Agency: Yes

Vehicle Inspection

Required: No

Inspection Location:

Duration:

Re-inspection Required:

How to schedule:

Fees

Water: 0-15 CCF @ $4.42 per CCF; 16+CCF @ $7.22 per CCF

Training: No Charge

Connection Device: $ 392.04 per month

Permit: No Charge

Vehicle Signage: No Charge

Use Area Signage: No Charge

Other:

CITY AND COUNTY OF SAN FRANCISCO/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
Maximum up to truck limit
Hours: 24 hrs/day, 7 days/week
Appointment Required:
Quantity Limitations per Day: No Minimum
No Maximum
Truck Size Limits: None
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: 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: N/A
Other:

SAN FRANCISCO INTERNATIONAL AIRPORT

650.821.8380

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: Mel Leong Treatment Plant, San Francisco International Airport

Quality: Disinfected Secondary-23

Type of Connection: Hydrant

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Hours: 24 hrs/day, 7 days/wk

Appointment Required: No

Quantity Limitations per Day: No Minimum
No Maximum

Truck Size Limits: None

Truck Weight Limits: None

Additional Access Information:

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: 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: 1 hour or less

Re-inspection Required: One random audit per year

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: N/A

Other:

CITY OF SAN JOSE/SOUTH BAY WATER RECYCLING

408.277.3671

Recycled Water Fill Facilities:

Treatment Plant: Yes
Distribution System: Yes
Can water be used outside of this agency's service area? No

Hydrant Fill Facilities

Location: Maps provided at driver and truck certification
Number of Fill Facilities: 7
Connection Device: Hydrant Key and Construction Meter
Quality: Disinfected Tertiary
Truck Size Limits: TBD during inspection
Quantity Limitations per Trip: No Minimum
Maximum up to truck limit
Truck Weight Limits: TBD during inspection
Other Restrictions: Commercial users only - must show proof of commercial liability insurance
Additional Access Information: Locked hydrants. Hydrant keys provided by City at time of meter pick up.

Fill Facility - Hydrant at Treatment Plant

Location: San Jose/Santa Clara Regional Wastewater Facility (RWF)
700 Los Esteros Rd., San Jose
Quality: Disinfected Tertiary
Type of Connection: Hydrant
Quantity Limitations per Trip: No Minimum
Maximum up to truck limit
Hours: Mon-Fri 7 a.m. - 4 p.m.
Appointment Required: No
Quantity Limitations per Day: No Minimum
No Maximum
Truck Size Limits: None
Truck Weight Limits: None
Additional Access Information: Secured access. Gates open during operating hours. Hydrant keys provided by City.

Training

Required: Yes
Duration: 2 hours or less
Who: Truck Owner, Truck Driver, and Customer using water
Frequency: Once
Location: Access point at RWF 700 Los Esteros Rd., San Jose
Schedule: Wednesday mornings at 9am
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: Yes
Signs Provided by Water Agency: Yes

Vehicle Inspection

Required: Yes
Inspection Location: RWF
Duration: 1 hour or less
Re-inspection Required: Annually
How to schedule: Wednesday mornings at 9am

Fees

Water: Check with City
Training: No charge
Connection Device: Check with City
Permit: No charge
Vehicle Signage: No charge
Use Area Signage: No charge
Other: Check with City

CITY OF SANTA ROSA

707.543.3938

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: 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

Fill Facilities at Treatment Plant

Location: Santa Rosa Subregional Water Reuse Plant
Quality: Disinfected Tertiary
Type of Connection: Hydrant
Quantity Limitations per Trip: No Minimum
Maximum up to truck limit
Hours: Mon-Fri 8 a.m. - 5:30 p.m.
Appointment Required: No
Quantity Limitations per Day: No Minimum
No Maximum
Truck Size Limits: None
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.

Training

Required: No
Duration:
Who:
Frequency:
Schedule:
Location:
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: No

Vehicle Inspection

Required: No
Inspection Location:
Duration:
Re-inspection Required:
How to schedule:

Fees

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:

SONOMA COUNTY WATER AGENCY

707.521.1865

www.scwa.ca.gov

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

Locations: Sonoma Valley County Sanitation District, Sonoma CA (call for address)

Quality: Disinfected Tertiary

Type of Connection: Side

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Hours: Mon-Fri 8 a.m. - 4 p.m.; with permission could be 24/7

Quantity Limitations per Day: No Minimum
No Maximum

Appointment Required: No

Truck Size Limits: None

Truck Weight Limits: None

Additional Access Information: Contact treatment plant for site access outside of business hours

Training

Required: Yes

Duration: 2 hours or less

Who: Truck Driver

Frequency: With each new application

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: 1 hour or less

Re-inspection Required: With each new application

How to schedule: Appointment

Fees

Water: $5.00 per 1,000 gal

Training: No Charge

Connection Device: $100 deposit

Permit: $300

Vehicle Signage: First set free

Use Area Signage: N/A

Other:

CITY OF SUNNYVALE

408.760.7560

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: Sunnyvale Water Pollution Control Plant (call for address)

Quality: Disinfected Tertiary

Type of Connection: Hydrant

Quantity Limitations per Trip: No Minimum
Maximum up to truck limit

Hours: Mon-Fri 7 a.m. - 4 p.m.

Appointment Required: No

Quantity Limitations per Day: No Minimum
No Maximum

Truck Size Limits: None

Truck Weight Limits: None

Additional Access Information: Required to check in and check out.

Training

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

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: Yes

Inspection Location: Corp Yard

Duration: 1 hour or less

Re-inspection Required: Annually

How to schedule: Appointment

Fees

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:

TOWN OF YOUNTVILLE

707.944.2988

townofyounvtille.com

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

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: Town of Yountville Wastewater Reclamation Facility
7501 Solano Avenue, Yountville, CA 94599

Quality: Disinfected Tertiary and Disinfected Secondary-2.2

Type of Connection: Hydrant and Side

Quantity Limitations per Trip: No Minimum
Maximum 5,000 gal

Hours: Mon-Fri 8 a.m. - 3:30 p.m.

Appointment Required: Yes, for initial fill-up and training

Quantity Limitations per Day: No Minimum
Maximum 25,000 gal per day

Truck Size Limits: None

Truck Weight Limits: None

Additional Access Information:

Training

Required: Yes

Duration: 2 hours or less

Who: Truck Owner, Truck Driver, and Customer using water

Frequency: Annually

Location: Wastewater Reclamation Facility

Schedule: By Appointment

Length of time to become authorized truck hauler: 3 business days

Signage

Area Use Signage Required: Yes

Vehicle Signage Required: No

Signs Provided by Water Agency: No

Signs Provided by Water Agency: N/A

Vehicle Inspection

Required: No

Inspection Location:

Duration:

Re-inspection Required:

How to schedule:

Fees

Water: $1,041.60 for first 100,000 gal

Training: No Charge

Connection Device: No Charge

Permit: $350

Vehicle Signage: N/A

Use Area Signage: User provides

Other:

SECTION 2

Additional Commercial Truck Fill Facilities Anticipated 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
MARIN COUNTY	
San Rafael	Marin Municipal Water District (anticipated Jul/Aug 2015) Contact: (415) 945-1557
SONOMA COUNTY	
Windsor	Town of Windsor (anticipated late 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	City of Piedmont
Union City	Union Sanitary District
CONTRA COSTA COUNTY	
Antioch	Delta Diablo Sanitation District (in planning phase)
Brentwood	City of Brentwood
MARIN COUNTY	
San Rafael	Ross Valley Sanitary District
SAN FRANCISCO	
South San Francisco	South San Francisco
SAN MATEO COUNTY	
Menlo Park	West Bay Sanitary District (in planning phase)
San Mateo	City of San Mateo
SOLANO COUNTY	
Benicia	City of Benicia
SONOMA COUNTY	
Guerneville	Sonoma County Water Agency

SECTION 4

Existing and Planned Residential Fill Facilities

Existing Residential Fill Facilities

COUNTY/CITY	AGENCY
ALAMEDA COUNTY	
Dublin	Dublin San Ramon Services District
Livermore	City of Livermore
CONTRA COSTA COUNTY	
Concord	Central Contra Costa Sanitary District
SAN MATEO COUNTY	
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
ALAMEDA COUNTY	
Oakland	East Bay Municipal Utility District (anticipated July 2015)
MARIN COUNTY	
Novato	North Marin Water District (anticipated July 2015)
San Rafael	Marin Municipal Water District (anticipated Fall 2015)

SECTION 5

Recycled Water Uses Allowed in California

Recycled Water Uses Allowed[1] 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
Irrigation of:				
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**
Supply for impoundment:				
Non-restricted recreational impoundments, with supplemental monitoring for pathogenic organisms	**Allowed[3]**	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
Supply for cooling or air conditioning:				
Industrial or commercial cooling or air conditioning involving cooling tower, evaporative condenser, or spraying that creates a mist	**Allowed[4]**	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 Allowed[1] 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
Other uses:				
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 Allowed[2]" 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.

2013