

# Survey of Septage Treatment, Handling and Disposal Practices in California

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California Wastewater Training and Research Center  
California State University, Chico



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# Septage Treatment, Handling and Disposal Practices in California Survey

## A) Introduction

There are approximately 1.2 million onsite wastewater treatment systems in California. This type of sewage treatment is frequently used in rural and suburban residential development and can adequately provide water quality and environmental protection when properly designed, sited, constructed, maintained, and operated. These systems do require maintenance and one of the required maintenance items is to remove the scum and solids that accumulate in the primary treatment tank (septic tank). This material is referred to as domestic septage and is defined as "...liquid, solid or semisolid material removed from septic tanks, cesspools, marine sanitation devices, portable toilets and similar devices that receive domestic waste only (household, non-commercial, non-industrial sewage)." (USEPA).

The November 1994, State Water Resources Control Board Report of the Technical Advisory Committee For Onsite Sewage Disposal Systems identified septage disposal as one of the issues of concern facing California. The report stated, "With ever increasing dependence on OSDS, there is a corresponding demand for adequate septage disposal facilities. More and more publicly owned treatment works (POTWS) are refusing to accept septage, and it is becoming increasingly difficult to locate and obtain environmental and public approvals for new land disposal septage sites." This finding has not changed significantly since this report.

The pending statewide onsite wastewater treatment regulations mandated by AB 885 will increase the demand for septage handling, treatment, and disposal facilities due to the anticipated increased oversight and management of onsite sewage treatment systems. For this reason, it is important to have an understanding of the current status of the septage management program in California.

## Septage - Definition

In the broadest sense septage is material that has been removed, typically pumped, from a treatment tank or waste holding tank and hauled to another location for final disposition or additional treatment. The composition and source of the material generally dictates how the material must be handled and the treatment and disposal options that are available. The United States Protection Agency classifies septage into two broad categories that determines how it can be handled: 1) domestic septage, and 2) commercial and industrial septage. The factor that differentiates commercial and industrial septage from domestic septage is not the type of establishment generating the waste; rather it is the type of waste being produced. For example a food establishment may have both domestic and commercial septage. The domestic septage consisting of the sewage produced from the facility and the commercial septage consisting of the grease trap waste from the grease interceptor. This study is concerned with domestic septage - the pumped material from onsite wastewater treatment systems and grease trap waste – a specific form of commercial septage.

## Characteristics of Domestic Septage

Domestic septage is the material removed from the primary treatment component or septic tank in an onsite wastewater treatment system. This primary treatment component provides detention time for the raw sewage allowing for 1) separation of solids from liquid, allowing solids to settle into a sludge layer with the tank providing a place for sludge storage 2) formation and retention of a floating scum layer consisting of oil, grease, fats and other light materials 3) additional anaerobic digestion of settled solids, and 4) production of a reasonably clarified effluent that leaves the tank for additional treatment by the next treatment component.

Domestic septage contains many different substances depending on the type of waste being treated in the onsite wastewater treatment system. It contains mostly water, sewage, inorganic materials like grit, and organic fecal matter. Small quantities of polluting substances that are normal to household activity can also be present. Laboratory analysis of domestic septage typically shows low levels of heavy metals and other pollutants.

Several factors can affect the characteristics of domestic septage such as septic tank size, the time interval between pumping (the tank pump out frequency), and the characteristics of the wastewater being treated. The typical chemical and physical characteristics of septage are listed in table A-1.

**Table A-1**

Chemical and Physical Characteristics of Domestic Septage	
Parameter	Concentration mg/kg (dry weight basis)
Arsenic	4
Cadmium	3
Chromium	14
Copper	140
Lead	35
Mercury	0.15
Nickel	15
Selenium	2
Zinc	290
Nitrogen as N	2%
Phosphorous as P	<1%
pH	6 – 7
Grease	6 – 12%
Biochemical Oxygen Demand (BOD <sub>5</sub> )	6,480 mg/l
Total Solids	3.4%

Source: A Guide to the Federal EPA Rule For Land Application of Domestic Septage to Non-Public Contact Sites, United States Environmental Protection Agency, Office of Wastewater Enforcement and Compliance (WH-547), EPA/832-B-92-005, September 1993

These characteristics of septage - it is a high strength waste (high BOD<sub>5</sub>); it has high odor potential; it has vector attractant potential; and, it has a potential impact on groundwater - requires that it is handled, treated and disposed properly.

### **Grease Trap Waste**

Grease trap waste consists of the fats, oils, grease, grit and other kitchen wastes that accumulate in a grease trap. The grease trap is a tank that acts as a separator or interceptor, serving a commercial food facility. Grease traps are used at food establishments to prevent large amounts of grease from entering the public sewer system. The purpose of the tank is to separate out these materials so that the materials do not enter the onsite sewage treatment system or sewage collection system. The accumulated materials must be removed at some scheduled frequency and hauled to a treatment or disposal facility. Biological breakdown of grease trap waste can be difficult and as a result many facilities will not accept this type of waste.

The characteristics of grease trap waste - it is a high strength waste (high BOD<sub>5</sub>); it has high odor potential; it has vector attractant potential; and, it is difficult to breakdown - requires that it is handled, treated and disposed properly.

### **B) Purpose**

The purpose of this study is to provide basic information concerning domestic septage handling, treatment, and disposal practices. Information is not readily available or is not in a format that provides answers to some fundamental questions. These questions include; 1) the location of the disposal facilities, 2) the quantities of septage treated, (3) the types of facilities and treatment and disposal methods used, and 4) the potential capacity these facilities have for septage treatment. The study also provides an assessment of the available information sources and what sources should be developed. The information should give policy and decision makers the basic information necessary to assess existing resources as well as determining future needs.

A secondary purpose of the study is to gather information concerning grease trap waste treatment and disposal. As noted above, grease trap waste is not included in the general definition of domestic septage but falls under the definition of commercial septage. Grease trap waste is included in this study since 1) the same companies often haul both domestic septage and grease trap waste, and 2) these wastes can be handled at the same types of facilities that treat or dispose of domestic septage.

### **Septage Treatment and Disposal Options - General**

Regulations governing the treatment and disposal of domestic septage depend on the type of facility receiving the septage. Federal regulations identify four major treatment options (USEPA, 1993):

1. Land application is the spreading of domestic septage on land at controlled rates to fertilize crops and improve the tilth of soils. This domestic septage can either be sprayed or spread on the soil surface, or plowed, disked, or injected into the soil. The specific rules governing land application differentiate between non-public contact sites and public contact sites:
  - Non-public contact sites are defined as sites that are not frequently visited by the public including agricultural land, forests, and reclamation sites. The requirements governing land application of domestic septage to these sites are less burdensome but not less protective than the other requirements for land application of sewage sludge in the Part 503 Regulation.
  - Public contact sites are defined as lands with a high potential for contact by the public such as public parks, ball fields, cemeteries, plant nurseries, turf farms, and golf courses. Disposal is regulated under 40 CFR Part 503 as sewage sludge at these sites.
2. Septage can be discharged into treatment works (sewage and wastewater treatment plants) for treatment as follows: Domestic septage to septage-only treatment works, or both domestic and non-domestic septage to municipal facilities that normally treat domestic sewage. This discharge is permissible provided that a treatment facility is available which will accept the septage.
3. Septage can be placed in a landfill or other surface disposal site. Again, the rules of the landfill operator and applicable State and Federal rules must be followed.
4. Septage can be incinerated. In this case, the rules of the incinerator operator and the applicable State and Federal rules must be followed.

### **Septage Treatment and Disposal Methods - California**

There are five primary methods for treatment and disposal of septage practiced in California. The five methods are consistent with and fit within the four disposal options identified by EPA. The methods are: 1) land application; 2) co-treatment at a sewage/wastewater treatment plant; 3) independent septage treatment facilities; 4) septage ponds with subsequent solids disposal; and 5) disposal at a sanitary landfill. There are some variations that may combine several treatment options but for purposes of this report these will not be separated out or quantified. Further discussion of these options follows.

#### Land application

Land application is the process of spreading the septage to the land surface. Typically the operation consists of stabilizing the septage, usually with lime, and then spreading at agronomic rates. Land application operations must meet certain criteria. As practiced in California, the operation must:

- not allow public contact
- meet and certify pathogen reduction and vector attraction reduction
- follow prescribed best management practices

- utilize site and crop specific nutrient application rates
- assure domestic nature of the applied material, and
- develop and maintain a record keeping system

The California State Water Resources Control Board defines septage for purposes of land application as: Waste material removed from a septic tank, cesspool, portable toilet, Type III marine sanitation device, or similar wastewater handling device that has not passed through a municipal wastewater treatment facility (State Water Resources Control Board Water Quality Order No. 2000 - 10 –DWQ). This definition is consistent with the federal definition for domestic septage. For the purposes of this General Order septage is not included as a biosolid and as such land application is directed to non-public contact sites.

### Co- treatment

Co-treatment at a sewage/wastewater treatment plant consists of introducing the septage at a point in the wastewater treatment process. The septage is treated along with the other sewage flow entering the plant. The septage can be introduced into the process at several points:

- Upstream location into a manhole (liquid process)
- Septage receiving station (liquid process)
- Addition to digesters (solid process)

Septage can cause treatment process disruptions. Sewage/wastewater treatment plants with large flows or facilities that carefully meter in the septage can generally accept septage without disruption to the treatment processes.

### Independent treatment facilities

Independent treatment facilities are those designed and operated to specifically handle septage. There are several proprietary treatment technologies that dewater the septage by separating the liquid fraction from the solids. These facilities typically land apply the residual solids or haul the solids to a disposal site (landfill). The solids can also be utilized at compost facilities. The separated liquids are either treated on site or hauled to a wastewater treatment plant for disposal.

### Septage ponds

Septage ponds are designed and operated to receive septage and can be considered independent treatment facilities. Most frequently these ponds are designed as evaporation ponds where the liquid separates and evaporates over time. The solids remain in the pond and can undergo additional decomposition. The solids accumulation eventually needs to be removed and either land applied, composted or disposed in a landfill. The liquid fraction can also be removed for treatment at another treatment facility and in some cases used for irrigation. Not too long ago evaporation ponds were much more common than they are today. Concerns over



water quality and the increased costs associated with building and maintaining ponds has significantly reduced their use.

### Landfill disposal

Septage disposal at sanitary landfills is an option that is rarely used. The high moisture content of septage as well as concerns with pathogens are the primary reason that landfilling is infrequently used. However, landfill disposal of dewatered septage is still practiced.

## **C) Study Methods**

This study was conducted using a survey developed to obtain information from relevant sources. The sources contacted were:

1. both public and privately owned sewage/wastewater treatment plants
2. the Local Enforcement Agencies for solid waste facilities
3. the local agencies with jurisdiction for the onsite wastewater program

These entities were all mailed survey forms and a cover letter explaining the purpose of the survey. The recipients were requested to return the forms by mail and were also given the option to use electronic versions with return by email.

The survey was designed to provide basic information needed to help assess the status of septage disposal in California. Information requested included location of septage sites, the current volume of septage being received, the capacity of the facilities to receive septage, and the fees charged for disposal. Sample survey forms are attached as Appendix II.

Extensive phone and email follow-up was conducted to obtain the requested information and to clarify responses. The phone follow-up verified that a number of wastewater treatment plants that did not return the survey do not receive septage and therefore did not respond to the mailed survey.

## **D) Results – Septage treatment & disposal facilities**

Completed survey forms were returned from 244 potential treatment and disposal facilities. The survey identified 94 facilities that treat and/or dispose of septage. These ninety-four facilities handle more than 230 million gallons of septage and 11.5 million gallons of grease per year. Sewage treatment plants accounted for 84% of these facilities and more than 90% of the total septage processed.

All of the facilities receiving are listed in Tables D-1 and D-2 that follow.

**Table D-1 All Septage Treatment & Disposal Facilities by County**

County	Facility Name	Facility Location	City	Type of Facility					Septage		Grease	
				WWTP	Landfill	Land application	Proprietary	Pond	Quantity/y	Fee \$/gal	Quantity/y	Fee \$/gal
Alameda	San Leandro WPCP	3000 Davis St.	San Leandro	X							12,000	0.1
Alameda	Dublin San Ramon SD WWTP	7399 Johnson Dr.	Pleasanton	X				1,955,000				
Alameda	EBMUD WPCP	2020 Wake Ave.	Oakland	X				4,800,000	0.05		260,000	0.08
Butte	Neal Rd. Landfill	1023 Neal Rd.	Chico		X			6,376,170	0.07			
Butte	Oroville WWTP	2880 S. 5th St.	Oroville	X				1,000,000	0.27			
Colusa	Arbuckle Public Utility District	Bailey Rd.	Arbuckle	X				25,000	0.1			
Colusa	Maxwell PUD WWTF		Maxwell	X								
Contra Costa	Delta Diablo Sanitation District	2500 Pittsburg-Antioch Hwy	Antioch	X				144,000	0.12		100,000	0.12
Contra Costa	Central Contra Costa San. Dist WWTP	5019 Imhoff Place	Martinez	X				832,000	0.102		497,000	0.012
Fresno	City of Coalinga WWTF	30500 Jayne Ave.	Coalinga	X				50,000				
Humboldt	Steve's Septic Service	1810 Murray Rd.	McKinleyville				X	3,500,000	0.08		250,000	0.08
Humboldt	Greater Eureka Area (Elk River) WWTP	4301 Hilfiker Ln.	Eureka	X				1,200,000	0.06			
Humboldt	McKinleyville CSD WWTP		McKinleyville	X				10,000	0.18			
Imperial	Calexico Water Pollution Control Plant	298 East Anza Rd.	Calexico	X				1,087,000	0.1			
Kern	City of Wasco WWTF	5410 7th St.	Wasco	X				729,600	0.0357			
Kern	City of Bakersfield WWTP #2	1700 E. Planz Rd.	Bakersfield	X				14,474,700	0.02			0.02
Kings	City of Hanford WWTF	1055 Houston Ave.	Hanford	X				?	0.246			
Lake	Lake Co. SD - Southeast WTP		Clearlake	X				455,450	0.04			
Lake	Lake Co. SD - Northwest WTP		Lakeport	X				529,500	0.04			
Lassen	Susanville Consolidate Sanitary District	45 S. Roop St.	Susanville	X				60,000	0.03		1,200	0.03
Los Angeles	LA County Pomona Liquid Waste Disposal Station	295 Humane Way	Pomona	X				13,776,000	0.025			
Los Angeles	LA County - Joint Water Pollution Control Plant	24501 S Figueroa St	Carson	X				11,457,000	0.025			
Los Angeles	LA County - Saugus Water Reclamation Plant	26200 Springbrook Ave	Saugus	X				11,407,000	0.031			
Los Angeles	LA County - Lancaster Water Reclamation Plant	1865 West D Ave	Lancaster	X				8,688,000	0.016			
Madera	Fairmead Landfill	Ave 22 at Road 19	Chowchilla		X							
Madera	City of Madera WWTP	1308 Road 211/2	Madera	X				2,900,000	0.0526			
Marin	Borello Septage Ponds	Millerton Point	Point Reyes				X	2,300,000				
Marin	Central Marin Sanitation Agency	1301 Andersen Dr.	San Rafael	X				328,000	0.028		104,000	0.111
Marin	Sewerage Agency of Southern Marin	450 Sycamore Ave.	Mill Valley	X				900,000	0.021			
Mariposa	Yosemite National Park WWTP	Foresta Rd.	El Portal	X				50,000	0.1			
Mendocino	Fort Bragg City WWTP	Oak St.	Fort Bragg	X				20,000				
Mendocino	Hopland PUD WWTP	25 Center Dr.	Hopland	X				1,900,000	0.1			
Mendocino	Ukiah City WWTP	300 Seminary Ave.	Ukiah	X				766,650	0.17			
Mendocino	Willits Water Quality Control Plant	300 Sewer Plant Rd.	Willits	X				?	0.1			
Merced	City of Merced Wastewater Treatment Facility	10260 Gove Rd.	Merced	X				1,687,083	0.044			
Modoc	Alturas Landfill	County Rd. 60	Alturas		X	X		20,000				
Mono	June Lake Public Utilities District	2380 Highway 158	June Lake	X				4,500	0.017			
Mono	Mammoth Community Water District		Mammoth Lakes	X				235,000	0.017			
Monterey	Monterey Regional Treatment Plant	14811 Del Monte Blvd	Marina	X				6,304,772	0.07		950,869	0.11
Napa	Napa Sanitation District WWTP	1515 Soscol Rd	Napa	X				4,583,896	0.128			
Orange	Orange County Sanitation District	10844 Ellis Ave	Fountain Valley	X				8,400,000	0.035		3,600,000	0.035
Placer	Inviro-Tech	2480 Athens Ave.	Lincoln			X	X	800,000	0.08			0.12
Plumas	Quincy CSD WWTF	900 Spanish Creek Rd	Quincy	X				1,000,000	0.06			
Plumas	City of Portola WWTP	City of Portola	Portola	X				450,000	0.04			
Riverside	Blythe Sanitary Landfill	1000 Midland Rd.	Blythe		X		X	200,250	0.2		58,550	0.2

County	Facility Name	Facility Location	City	Type of Facility					Septage		Grease	
				WWTP	Landfill	Land application	Proprietary	Pond	Quantity/r	Fee \$/gal	Quantity/r	Fee \$/gal
Riverside	City of Beaumont Waste Water Plant No. 1	715 W. 4th St.	Beaumont	X					5,200,000	0.02		
Riverside	City of Riverside Water Quality Control Plant	5950 Acorn St.	Riverside	X					7,468,500	.011-.013		
Riverside	Elsinor Valley Regional Wastewater Reclamation	18200 Treleven Ave.	Lake Elsinor	X					4,000,000	0.0025		
Riverside	Sanderson Septage Receiving Station	Sanderson Ave	San Jacinto	X					2,600,000	0.03		
Riverside	WWTP NO. 1	2205 Railroad St.	Corona	X					1,000,000	0.03		
Sacramento	Sacramento Regional WWTP	8521 Laguna Station Rd.	Elk Grove	X					3,300,000	0.0511	700,000	0.0511
San Bernardino	Landers Sanitary Landfill*	Landers Rd.	Landers					X	6,419,676			
San Bernardino	Barstow Sanitary Landfill**	Barstow Rd.	Barstow		X	X		X	5,196,768			
San Bernardino	Inland Empire Utilities Agency, Regional Plant 1	2450 E. Philadelphia Ave.	Ontario	X					3,000,000	0.02		
San Bernardino	Big Bear Area Regional Wastewater Agency	122 Palomino Dr.	Big Bear City	X					100,000	0.0545		
San Bernardino	City of Needles WWTP	516 Broadway	Needles	X					116,000	0.03		
San Bernardino	Victor Valley Wastewater Reclamation Authority	20111 Shay Rd.	Victorville	X					1,000,000	0.0507		
San Bernardino	Henry N. Wochholz Wastewater Treatment Facility	880 W. County Line Rd.	Yucaipa	X					200,000	0.04		
San Diego	Encina Water Pollution Control Facility	6200 Avenida Encinas	Carlsbad	X					599,475	0.054		
San Joaquin	City of Stockton Regional Wastewater Control Facility	2500 Navy Drive	Stockton	X					6,500,000	0.0383		
San Joaquin	White Slough Water Pollution Control Facility	12751 North Thornton Rd.	Lodi	X					972,000	0.24	420,000	0.115
San Joaquin	City of Manteca WQCF	2450 W. Yosemite Ave.	Manteca	X					473,959	0.04303		
San Joaquin	Tracy Wastewater Treatment Plant	3900 Holly Dr.	Tracy	X					600,000	0.028		
San Mateo	SBSA WWTP	1400 Radio Rd.	Redwood City	X					60,500	0.027	1,900,000	0.141
Santa Barbara	El Estero Wastewater Treatment Plant	520 E. Yanonali St.	Santa Barbara	X					1,000,000	0.09		
Santa Barbara	City of Santa Maria Wastewater Treatment Plant	601 South Black Rd.	Santa Maria	X					10,264,653	0.0465	608,781	0.0776
Santa Clara	Palo Alto Regional Water Quality Control Plant	2501 Embarcadero Way	Palo Alto	X					1,000,000	0.04	10,000	0.04
Santa Clara	South County Regional Authority WWTP	1500 Southside Dr.	Gilroy	X					8,000,000	0.15		
Santa Clara	San Jose/Santa Clara WPCP	700 Los Esteros Rd.	San Jose	X					1,400,000	0.01		
Santa Cruz	City of Santa Cruz Wastewater Treatment Facility	110 California St.	Santa Cruz	X					5,598,142	0.0435	1,768,097	0.0498
Santa Cruz	City of Watsonville WWTP	410 Panabaker Ln.	Watsonville	X					7,600,000	0.0568	106,000	0.0568
Shasta	Anderson Septage Pond	Cambridge Rd.(Anderson Landfill)	Anderson					X	6,000,000	0.03		
Shasta	Fall River Septage Pond	Cassel Rd	Fall River					X	250,000	0.03		
Siskiyou	Cade Mountain Septage Ponds	Noranda Mine Rd	Happy Camp					X	85,000	0.05		
Siskiyou	Montague Airport Septage Pond	Airport Rd.	Montague					X	1,500,000	0.05		
Solano	Rio Vista Wastewater Treatment Facility	Beach Dr.	Rio Vista	X					30,000			
Solano	Easterly Wastewater Treatment Plant(Vacaville)	6040 Vaca Station Rd.	Elmira	X					1,640,420	0.05921	179,500	0.0728
Sonoma	City of Petaluma WWTP	950 Hopper St.	Petaluma	X					24,000	0.05		
Sonoma	Sonoma Valley Treatment Plant	22675 8TH St. East	Sonoma	X					700,000	0.015		
Sonoma	Laguna Water Reclamation Facility-City of Santa Rosa	4300 Llano Rd.	Santa Rosa	X					1,021,340	0.0235		
Stanislaus	Modesto Water Quality Control Facility	1221 Sutter St	Modesto	X					8,317,000	0.019		
Sutter	Yuba City Wastewater Treatment Facility	Burns Rd.	Yuba City	X					900,000	0.18		
Tehama	Rawson Rd. Septage Disposal Site	Rawson Rd.	Red Bluff			X			400,000			
Tehama	Nunez	Jelly's Ferry Rd.	Red Bluff			X			230,000			
Tehama	Williams Ranch	New York Ave.	Corning			X			200,000			
Trinity	Trinity County Waterworks WWTP	Tule Creek Rd.	Hayfork	X						0.1		
Tulare	City of Porterville WWTP	1333 W. Grand Ave.	Porterville	X					900,000	0.17		
Tulare	City of Tulare Water Pollution Control Facility	1875 S. West St.	Tulare	X					599,041	0.035053	73,604	0.0305
Tulare	City of Visalia WWTP	Ave 288	Visalia	X					6,480,000	0.0239		
Tuolumne	Tuolumne Utilities District RWTP	1400 Southgate Dr.	Sonora	X					3,273,000	0.05		

County	Facility Name	Facility Location	City	Type of Facility					Septage		Grease	
				WWTP	Landfill	Land application	Proprietary	Pond	Quantity/r	Fee \$/gal	Quantity/r	Fee \$/gal
Ventura	Santa Clara Wastewater	815 Mission Rock Rd	Santa Paula	X					1,000,000	0.07		
Ventura	Olsen Road WWTP	2025 Olsen Rd.	Thousand Oaks	X					41,000	0.0478		
Ventura	Simi Valley WWRP, NPDES	600 West Los Angeles Ave	Simi Valley	X					450,000	0.01549		
Yolo	City of West Sacramento WTP	1991 South River Rd.	W. Sacramento	X					50,000	0.15		
Yolo	Woodland Sewage Treatment Facility	42929 County Road 24	Woodland	X					2,000	0.05		
				79	6	6	2	10	233,169,045		11,599,601	

**Table D-2 All Septage & Grease Treatment & Disposal Facilities - Sorted by RWQCB**

RWQCB	County	Facility Name	Facility Location	City	Type of Facility					Septage		Grease	
					WWTP	Landfill	Land application	Proprietary	Pond	Quantity/yr	Fee \$/gal	Quantity/yr	Fee \$/gal
1	Humboldt	Steve's Septic Service	1810 Murray Rd.	McKinleyville				X		3,500,000	0.08	250,000	0.08
1	Humboldt	Greater Eureka Area (Elk River) WWTP	4301 Hilfiker Ln.	Eureka	X					1,200,000	0.06		
1	Humboldt	McKinleyville CSD WWTP		McKinleyville	X					10,000	0.18		
1	Mendocino	Fort Bragg City WWTP	Oak St.	Fort Bragg	X					20,000			
1	Mendocino	Hopland PUD WWTP	25 Center Dr.	Hopland	X					1,900,000	0.1		
1	Mendocino	Ukiah City WWTP	300 Seminary Ave.	Ukiah	X					766,650	0.17		
1	Mendocino	Willits Water Quality Control Plant	300 Sewer Plant Rd.	Willits	X				?		0.1		
1	Modoc	Alturas Landfill	County Rd. 60	Alturas		X	X		X	20,000			
1	Siskiyou	Cade Mountain Septage Ponds	Noranda Mine Rd	Happy Camp					X	85,000	0.05		
1	Siskiyou	Montague Airport Septage Pond	Airport Rd.	Montague					X	1,500,000	0.05		
1	Sonoma	Laguna Water Reclamation Facility-City of Santa Rosa	4300 Llano Rd.	Santa Rosa	X					1,021,340	0.0235		
1	Trinity	Trinity County Waterworks WWTP	Tule Creek Rd.	Hayfork	X						0.1		
					8	1	1	1	3	10,022,990	\$0.091	250,000	\$0.080
2	Alameda	EBMUD WPCP	2020 Wake Ave.	Oakland	X					4,800,000	0.05	260,000	0.08
2	Alameda	San Leandro WPCP	3000 Davis St.	San Leandro	X							12,000	0.1
2	Alameda	Dublin San Ramon SD WWTP	7399 Johnson Dr.	Pleasanton	X					1,955,000			
2	Marin	Borello Septage Ponds	Millerton Point	Point Reyes					X	2,300,000			
2	Marin	Central Marin Sanitation Agency	1301 Andersen Dr.	San Rafael	X					328,000	0.028	104,000	0.111
2	Marin	Sewerage Agency of Southern Marin	450 Sycamore Ave.	Mill Valley	X					900,000	0.021		
2	Napa	Napa Sanitation District WWTP	1515 Soscol Rd	Napa	X					4,583,896	0.128		
2	San Mateo	SBSA WWTP	1400 Radio Rd.	Redwood City	X					60,500	0.027	1,900,000	0.141
2	Santa Clara	Palo Alto Regional Water Quality Control Plant	2501 Embarcadero Way	Palo Alto	X					1,000,000	0.04	10,000	0.04
2	Santa Clara	San Jose/Santa Clara WPCP	700 Los Esteros Rd.	San Jose	X					1,400,000	0.01		
2	Sonoma	City of Petaluma WWTP	950 Hopper St.	Petaluma	X					24,000	0.05		
2	Sonoma	Sonoma Valley Treatment Plant	22675 8TH St. East	Sonoma	X					700,000	0.015		
2	Contra Costa	Delta Diablo Sanitation District	2500 Pittsburg-Antioch Hwy	Antioch	X					144,000	0.12	100,000	0.12
					12	0	0	0	1	18,195,396	\$0.049	2,386,000	\$0.099
3	Monterey	Monterey Regional Treatment Plant	14811 Del Monte Blvd	Marina	X					6,304,772	0.07	950,869	0.11
3	Santa Barbara	El Estero Wastewater Treatment Plant	520 E. Yanonali St.	Santa Barbara	X					1,000,000	0.09		
3	Santa Barbara	City of Santa Maria Wastewater Treatment Plant	601 South Black Rd.	Santa Maria	X					10,264,653	0.0465	608,781	0.0776
3	Santa Clara	South County Regional Authority WWTP	1500 Southside Dr.	Gilroy	X					8,000,000	0.15		
3	Santa Cruz	City of Santa Cruz Wastewater Treatment Facility	110 California St.	Santa Cruz	X					5,598,142	0.0435	1,768,097	0.0498
3	Santa Cruz	City of Watsonville WWTP	410 Panabaker Ln.	Watsonville	X					7,600,000	0.0568	106,000	0.0568
					6	0	0	0	0	38,767,567	\$0.076	3,433,747	\$0.074
4	Los Angeles	LA County Pomona Liquid Waste Disposal Station	295 Humane Way	Pomona	X					13,776,000	0.025		
4	Los Angeles	LA County - Joint Water Pollution Control Plant	24501 S Figueroa St	Carson	X					11,457,000	0.025		
4	Los Angeles	LA County - Saugus Water Reclamation Plant	26200 Springbrook Ave	Saugus	X					11,407,000	0.031		
4	Orange	Orange County Sanitation District	10844 Ellis Ave	Fountain Valley	X					8,400,000	0.035	3,600,000	0.035
4	Ventura	Santa Clara Wastewater	815 Mission Rock Rd	Santa Paula	X					1,000,000	0.07		
4	Ventura	Olsen Road WWTP	2025 Olsen Rd.	Thousand Oaks	X					41,000	0.0478		
4	Ventura	Simi Valley WWRP, NPDES	600 West Los Angeles Ave	Simi Valley	X					450,000	0.01549		
					7	0	0	0	0	46,531,000	\$0.036	3,600,000	\$0.036

RWQCB	County	Facility Name	Facility Location	City	Type of Facility					Septage		Grease	
					WWTP	Landfill	Land application	Proprietary	Pond	Quantity/yr	Fee \$/gal	Quantity/yr	Fee \$/gal
5	Fresno	City of Coalinga WWTF	30500 Jayne Ave.	Coalinga	X					50,000			
5	Kern	City of Wasco WWTF	5410 7th St.	Wasco	X					729,600	0.0357		
5	Kern	City of Bakersfield WWTP #2	1700 E. Planz Rd.	Bakersfield	X					14,474,700	0.02		0.02
5	Kings	City of Hanford WWTF	1055 Houston Ave.	Hanford	X				?		0.246		
5	Lake	Lake Co. SD - Southeast WTP		Clearlake	X					455,450	0.04		
5	Lake	Lake Co. SD - Northwest WTP		Lakeport	X					529,500	0.04		
5	Madera	Fairmead Landfill	Ave 22 at Road 19	Chowchilla		X							
5	Madera	City of Madera WWTP	1308 Road 211/2	Madera	X					2,900,000	0.0526		
5	Mariposa	Yosemite National Park WWTP	Foresta Rd.	El Portal	X					50,000	0.11		
5	Merced	City of Merced Wastewater Treatment Facility	10260 Gove Rd.	Merced	X					1,687,083	0.044		
5	Placer	Inviro-Tech	2480 Athens Ave.	Lincoln			X	X		800,000	0.08		0.12
5	Plumas	Quincy CSD WWTF	900 Spanish Creek Rd	Quincy	X					1,000,000	0.06		
5	Plumas	City of Portola WWTP	City of Portola	Portola	X					450,000	0.04		
5	Sacramento	Sacramento Regional WWTP	8521 Laguna Station Rd.	Elk Grove	X					3,300,000	0.0511	700,000	0.0511
5	San Joaquin	City of Stockton Regional Wastewater Control Facility	2500 Navy Drive	Stockton	X					6,500,000	0.0383		
5	San Joaquin	White Slough Water Pollution Control Facility	12751 North Thornton Rd.	Lodi	X					972,000	0.24	420,000	0.115
5	San Joaquin	City of Manteca WQCF	2450 W. Yosemite Ave.	Manteca	X					473,959	0.04303		
5	San Joaquin	Tracy Wastewater Treatment Plant	3900 Holly Dr.	Tracy	X					600,000	0.028		
5	Shasta	Anderson Septage Pond	Cambridge Rd.(Anderson Landfill)	Anderson					X	6,000,000	0.03		
5	Shasta	Fall River Septage Pond	Cassel Rd	Fall River					X	250,000	0.03		
5	Solano	Rio Vista Wastewater Treatment Facility	Beach Dr.	Rio Vista	X					30,000			
5	Solano	Easterly Wastewater Treatment Plant(Vacaville)	6040 Vaca Station Rd.	Elmira	X					1,640,420	0.05921	179,500	0.07277
5	Stanislaus	Modesto Water Quality Control Facility	1221 Sutter St	Modesto	X					8,317,000	0.019		
5	Sutter	Yuba City Wastewater Treatment Facility	Burns Rd.	Yuba City	X					900,000	0.18		
5	Tehama	Rawson Rd. Septage Disposal Site	Rawson Rd.	Red Bluff			X			400,000			
5	Tehama	Nunez	Jelly's Ferry Rd.	Red Bluff			X			230,000			
5	Tehama	Williams Ranch	New York Ave.	Corning			X			200,000			
5	Tulare	City of Porterville WWTF	1333 W. Grand Ave.	Porterville	X					900,000	0.17		
5	Tulare	City of Tulare Water Pollution Control Facility	1875 S. West St.	Tulare	X					599,041	0.035053	73,604	0.03053
5	Tulare	City of Visalia WWTP	Ave 288	Visalia	X					6,480,000	0.0239		
5	Tuolumne	Tuolumne Utilities District RWTP	1400 Southgate Dr.	Sonora	X					3,273,000	0.05		
5	Butte	Neal Rd. Landfill	1023 Neal Rd.	Chico		X			X	6,376,170	0.07		
5	Butte	Oroville WWTP	2880 S. 5th St.	Oroville	X					1,000,000	0.27		
5	Yolo	City of West Sacramento WTP	1991 South River Rd.	W. Sacramento	X					50,000	0.15		
5	Yolo	Woodland Sewage Treatment Facility	42929 County Road 24	Woodland	X					2,000	0.05		
5	Colusa	Arbuckle Public Utility District	Bailey Rd.	Arbuckle	X					25,000	0.1		
5	Colusa	Maxwell PUD WWTF		Maxwell	X								
					29	2	4	1	3	71,644,923	\$0.080	1,373,104	\$0.068
4	Los Angeles	LA County - Lancaster Water Reclamation Plant	1865 West D Ave	Lancaster	X					8,688,000	0.016		
6	San Bernardino	Victor Valley Wastewater Reclamation Authority	20111 Shay Rd.	Victorville	X					1,000,000	0.0507		
6	Lassen	Susanville Consolidate Sanitary District	45 S. Roop St.	Susanville	X					60,000	0.03	1,200	0.03
6	Mono	June Lake Public Utilities District	2380 Highway 158	June Lake	X					4,500	0.017		
6	Mono	Mammoth Community Water District		Mammoth Lakes	X					235,000	0.017		
					5	0	0	0	0	9,987,500	\$0.021	1,200	\$0.030
7	Riverside	Blythe Sanitary Landfill	1000 Midland Rd.	Blythe		X			X	200,250	0.2	58,550	0.2
7	Imperial	Calexico Water Pollution Control Plant	298 East Anza Rd.	Calexico	X					1,087,000	0.1		
					1	1			1	1,287,250	\$0.100	0	\$0.200

RWQCB	County	Facility Name	Facility Location	City	Type of Facility					Septage		Grease	
					WWTP	Landfill	Land application	Proprietary	Pond	Quantity/yr	Fee \$/gal	Quantity/yr	Fee \$/gal
8	Riverside	City of Beaumont Waste Water Plant No. 1	715 W. 4th St.	Beaumont	X					5,200,000	0.02		
8	Riverside	City of Riverside Water Quality Control Plant	5950 Acorn St.	Riverside	X					7,468,500	0.012		
8	Riverside	Elsinor Valley Regional Wastewater Reclamation	18200 Treleven Ave.	Lake Elsinor	X					4,000,000	0.025		
8	Riverside	Sanderson Septage Receiving Station	Sanderson Ave	San Jacinto	X					2,600,000	0.03		
8	Riverside	WWTP NO. 1	2205 Railroad St.	Corona	X					1,000,000	0.03		
8	San Bernardino	Landers Sanitary Landfill*	Landers Rd.	Landers		X				6,419,676			
8	San Bernardino	Barstow Sanitary Landfill**	Barstow Rd.	Barstow		X	X			5,196,768			
8	San Bernardino	Inland Empire Utilities Agency, Regional Plant 1	2450 E. Philadelphia Ave.	Ontario	X					3,000,000	0.02		
8	San Bernardino	Big Bear Area Regional Wastewater Agency	122 Palomino Dr.	Big Bear City	X					100,000	0.0545		
8	San Bernardino	City of Needles WWTF	516 Broadway	Needles	X					116,000	0.03		
8	San Bernardino	Henry N. Wochholz Wastewater Treatment Facility	880 W. County Line Rd.	Yucaipa	X					200,000	0.04		
					9	2	1	0	2	37,875,444	\$0.055	0	0
9	San Diego	Encina Water Pollution Control Facility	6200 Avenida Encinas	Carlsbad	X					599,475	0.054		
					1	0	0	0	0	599,475	\$0.054	0	0
State Wide				Total:	78	6	6	2	10	234,911,545		11,044,051	

Regional Board Summary Data	Type of Facility					Septage		Grease	
	WWTP	Landfill	Land application	Proprietary	Pond	Quantity/yr	Fee average\$/gal	Quantity/yr	Fee average\$/gal
Region 1, North Coast	8	1	1	1	3	10,022,990	\$0.091	250,000	0.080
Region 2, San Francisco Bay	12	0	0	0	1	18,195,396	\$0.049	2,386,000	0.099
Region 3, Central Coast	6	0	0	0	0	38,767,567	\$0.076	3,433,747	0.074
Region 4, Los Angeles	7	0	0	0	0	46,531,000	\$0.036	3,600,000	0.035
Region 5, Central Valley	29	2	4	1	3	71,644,923	0.079863	1,373,104	0.06823
Region 6, Lohanton	5	0	0	0	0	9,987,500	\$0.044	1,200	0.030
Region 7, Colorado River	1	1	0	0	1	1,287,250	\$0.100	0	0.200
Region 8, Santa Ana	9	2	1	0	2	37,875,444	\$0.055	0	0.000
Region 9, San Diego	1	0	0	0	0	599,475	\$0.054	0	0.000
Total	78	6	6	2	10	234,911,545	\$0.066	11,044,051	\$0.079

## Sewage Treatment Plants:

Responses were received from 229 of the 320 sewage treatment facilities contacted. Of the 229 responding, 78 facilities receive septage with 19 receiving grease waste. One facility accepted grease trap pumping but did not accept septage. The receiving facilities reported almost 200 million gallons of septage and more than eleven (11) million gallons of grease received per year.

Nine of the facilities provided septage receiving capacity estimates. The other responses did not include these projections though several indicated that there has not been an attempt to determine capacity for septage. As a result, the capacity for a given facility is noted as the volume reported as received unless the facility noted otherwise. The capacity based on the responses is 215,767,261 gallons a year.

Disposal fees charge ranged from \$.01 to \$.246 per gallon. The average charge is \$.064 with the median at \$.045.

### Supplemental Information:

Facilities were asked to provide answers to a number of additional questions. These questions are designed to provide additional information concerning the status of septage disposal. A summary of the responses follows:

1. Fourteen facilities reporting having previously accepted septage but are no longer doing so.
2. Facilities not accepting septage were asked to indicate the reason. Those responding to the question, less than 1/2 of the 151 reporting, indicated the following reasons (note: the percentage is calculated on all 151 reporting):
  - haven't considered = 6%
  - liability = 13%
  - no equipment = 20%
  - not interested = 31%
  - plant design = 18%
3. Of the facilities accepting septage, 90% perform constituent testing of material received. The frequency of constituents tested for is:
  - Heavy metals = 56%
  - BOD = 50%
  - pH = 56%
  - Other = 13%
4. Point of application into the treatment process:
  - Liquid process = 87% of the facilities responding
  - Solid process = 13% of facilities responding

Survey results for sewage treatment plants accepting septage are in the following tables. Table D-3 is sorted by county and Table D-4 by RWQCB. Table D-5 contains the supplemental information results. Table D-6 displays reasons given for not accepting septage and grease.



Table D-3 Sewage/Wastewater Treatment Plants Receiving Septage by County

RWQCB	County	Name of Facility	Facility Location	City	NPDES#	WDID#	Gallons received/year	Capacity gallons/year	Fee \$/gal	Accept Grease	
										Yes	No
2	1	Dublin San Ramon SD WWTP	7399 Johnson Dr.	Pleasanton	CA-0037613	2 019033001	1,955,000	1,955,000			X
2	1	EBMUD WPCP	2020 Wake Ave.	Oakland	CA-0037702	2 019014001	4,800,000	4,800,000	0.050		X
5	4	Oroville WWTP	2880 S. 5th St.	Oroville	CA-0079235	5A040106001	1,000,000	1,000,000	0.027		X
5	6	Arbuckle Public Utility District	Bailey Rd.	Arbuckle		5A060100001	25,000	25,000	0.100		X
5	6	Maxwell PUD WWTF		Maxwell		5A060102001	?				X
2	7	Central Contra Costa San. Dist WWTP	5019 Imhoff Place	Martinez	CA-0037648		832,000	832,000	0.102		X
2	7	Delta Diablo Sanitation District	2500 Pittsburg-Antioch Hwy	Antioch	CA-0038547	2 071013001	144,000	144,000	0.120		X
5	10	City of Coalinga WWTF	30500 Jayne Ave.	Coalinga		5F10S011605	50,000	75,000			X
1	12	Greater Eureka Area (Elk River) WWTP	4301 Hilliker Ln.	Eureka	CA-0024449	1B821510HUM	1,200,000	1,200,000	0.060		X
1	12	McKinleyville CSD WWTP				1B820840HUM	10,000	10,000	0.180		X
7	13	Calexico Water Pollution Control Plant	298 East Anza Rd.	Calexico	CA-7000009	7A130101011	1,087,000	1,087,000	0.100		X
5	15	City of Bakersfield WWTP #2	1700 E. Planz Rd.	Bakersfield		5D15010001	14,474,700	14,474,700	0.020		X
5	15	City of Wasco WWTF	5410 7th St.	Wasco		5D150117001	729,600	729,600	0.036		X
5	16	City of Hanford WWTF	1055 Houston Ave.	Hanford		5D160103001	?		0.246		X
5	17	Lake Co. SD - Northwest WTP		Lakeport		98-206	529,500	529,500	0.040		X
5	17	Lake Co. SD - Southeast WTP		Clearlake			455,450	455,450	0.040		X
2	17	SBSA WWTP	1400 Radio Rd.	Redwood City	CA-0038369	2 417037001	60,500	60,500	0.027		X
6	18	Susanville Consolidate Sanitary District	45 S. Roof St.	Susanville		6A181554001	60,000	60,000	0.030		X
4	19	LA County - Joint Water Pollution Control Plant	24501 S Figueroa St	Carson	CA0053813	4B190107013	11,457,000	11,457,000	0.025		X
6	19	LA County - Lancaster Water Reclamation Plant	1865 West D Ave	Lancaster		MRP6-93-75A2	8,688,000	8,688,000	0.016		X
4	19	LA County - Saugus Water Reclamation Plant	26200 Springbrook Ave	Saugus	CA0054313	4A190107021	11,407,000	11,407,000	0.031		X
4	19	LA County Pomona Liquid Waste Disposal Station	295 Humane Way	Pomona	none*	none*	13,776,000	13,776,000	0.025		X
5	20	City of Madera WWTP	1308 Road 211/2	Madera		5C200101001	2,900,000	2,900,000	0.053		X
2	21	Central Marin Sanitation Agency	1301 Andersen Dr.	San Rafael	CA0038628	2 215116001	328,000	328,000	0.028		X
2	21	Sewerage Agency of Southern Marin	450 Sycamore Ave.	Mill Valley	CA-0037711	2 215015001	900,000	900,000	0.021		X
5	22	Yosemite National Park WWTP				5C220701002	50,000	50,000	0.100		X
1	23	Fort Bragg City WWTP	Oak St.	Fort Bragg		1B840830MEN	20,000	20,000			X
1	23	Hopland PUD WWTP	25 Center Dr.	Hopland			1,900,000	1,900,000	0.100		X
1	23	Ukiah City WWTP				1B840290MEN	766,650	766,650	0.170		X
1	23	Willits Water Quality Control Plant	300 Sewer Plant Rd.	Willits		1B800780MEN	?		0.100		X
5	24	City of Merced Wastewater Treatment Facility	10260 Gove Rd.	Merced	CA0079219	5C240108001	1,687,083	1,687,083	0.044		X
6	26	June Lake Public Utilities District	2380 Highway 158	June Lake			4,500	4,500	0.017		X
6	26	Mammoth Community Water District		Mammoth Lakes			235,000	235,000	0.017		X
3	27	Monterey Regional Treatment Plant	14811 Del Monte Blvd	Marina	CA0048551	3 270118002	6,304,772	6,304,772	0.070		X
2	28	Napa Sanitation District WWTP	1515 Soscol Rd	Napa	CA-0037575	2 283009001	4,583,896	4,583,896	0.128		X
4	30	Orange County Sanitation District	10844 Ellis Ave	Fountain Valley			8,400,000	8,400,000	0.035		X
5	32	City of Portola WWTP	City of Portola	Portola	CA0077844	5A320102001	450,000	450,000	0.040		X
5	32	Quincy CSD WWTF	900 Spanish Creek Rd	Quincy	CA-0078981	5A320103001	1,000,000	1,000,000	0.060		X
8	33	City of Beaumont Waste Water Plant No. 1	715 W. 4th St.	Beaumont	CA-0105376	8 330101001	5,200,000	6,500,000	0.020		X
8	33	City of Riverside Water Quality Control Plant	5950 Acorn St.	Riverside		8 330117003	7,468,500	7,468,500	0.011-0.013		X
8	33	Elsinor Valley Regional Wastewater Reclamation	18200 Treleven Ave.	Lake Elsinor		8 330112001	4,000,000	4,000,000	0.025		X
8	33	Sanderson Septage Receiving Station	Sanderson Ave	San Jacinto			2,600,000	3,000,000	0.030		X
8	33	WWTP NO. 1	2205 Railroad St.	Corona		8330108001	1,000,000	1,000,000	0.030		X
5	34	Sacramento Regional WWTP	8521 Laguna Station Rd.	Elk Grove	CA-0077682	5A340108002	3,300,000	3,300,000	0.051		X
8	36	Big Bear Area Regional Wastewater Agency	122 Palomino Dr.	Big Bear City		00-12 7 93-030	100,000	100,000	0.055		X
7	36	City of Needles WWTF	516 Broadway	Needles		7B360110014	116,000	116,000	0.030		X
8	36	Henry N. Wochholz Wastewater Treatment Facility	880 W. County Line Rd.	Yucaipa	CA-0105619	8 362222001	200,000	200,000	0.040		X
8	36	Inland Empire Utilities Agency, Regional Plant 1	2450 E. Philadelphia Ave.	Ontario	CA-0105279	8 360104004	3,000,000	3,000,000	0.020		X
6	36	Victor Valley Wastewater Reclamation Authority	20111 Shay Rd.	Victorville	CA-0102822	6B360109001	1,000,000	1,400,000	0.051		X
9	37	Encina Water Pollution Control Facility	6200 Avenida Encinas	Carlsbad	CA-0107395	9 000000030	599,475	599,475	0.054		X
5	39	City of Manteca WQCF	2450 W. Yosemite Ave.	Manteca	CA-0081558	5B390104001	473,959	473,959	0.043		X
5	39	City of Stockton Regional Wastewater Control Facility	2500 Navy Drive	Stockton	CA-0079138	5B390107001	6,500,000	6,500,000	0.038		X
5	39	Tracy Wastewater Treatment Plant	3900 Holly Dr.	Tracy	CA0079154	5B390108001	600,000	600,000	0.028		X
5	39	White Slough Water Pollution Control Facility	12751 North Thornton Rd.	Lodi	CA-0079243	5B390103002	972,000	972,000	0.240		X
3	42	City of Santa Maria Wastewater Treatment Plant	601 South Black Rd.	Santa Maria		97-41	10,264,653	10,264,653	0.047		X
3	42	El Estero Wastewater Treatment Plant	520 E. Yanonail St.	Santa Barbara	CA0048143	3 420108001	1,000,000	1,000,000	0.090		X
2	43	Palo Alto Regional Water Quality Control Plant	2501 Embarcadero Way	Palo Alto	CA-0037834	2 438011001	1,000,000	2,000,000	0.040		X
2	43	San Jose/Santa Clara WPCP	700 Los Esteros Rd.	San Jose	CA-00378842	2 438014001	1,400,000	1,400,000	0.010		X
3	43	South County Regional Authority WWTP	1500 Southside Dr.	Gilroy		343010001	8,000,000	8,000,000	0.150		X
3	44	City of Santa Cruz Wastewater Treatment Facility	110 California St.	Santa Cruz	CA0048194	3 440102001	5,598,142	5,598,142	0.044		X
3	44	City of Watsonville WWTP	410 Panabaker Ln.	Watsonville	CA0048216	3 440104001	7,600,000	7,600,000	0.057		X
5	48	Easterly Wastewater Treatment Plant(Vacaville)	6040 Vaca Station Rd.	Elmira	CA0077691	5A480105002	1,640,420	6,500,000	0.059		X
5	48	Rio Vista Wastewater Treatment Facility			CA0079588	5A480104001	30,000	30,000			X
2	49	City of Petaluma WWTP	950 Hopper St.	Petaluma		2 494006001	24,000	24,000	0.050		X
1	49	Laguna Water Reclamation Facility-City of Santa Rosa	4300 Llano Rd.	Santa Rosa	CA-0022764	1B830990SON	1,021,340	1,021,340	0.024		X
2	49	Sonoma Valley Treatment Plant	22675 8TH St. East	Sonoma	CA-0037800	2 494009001	700,000	700,000	0.015		X
5	50	Modesto Water Quality Control Facility	1221 Sutter St	Modesto	CA0082422	5C506000001	8,317,000	8,317,000	0.019		X
5	51	Yuba City Wastewater Treatment Facility		Yuba City	CA-0079260	5A510101001	900,000	900,000	0.180		X
1	53	Trinity County Waterworks WWTP	Tule Creek Rd.	Hayfork		1A97069WNTR		2,500,000	0.100		X
5	54	City of Porterville WWTF	1333 W. Grand Ave.	Porterville		5D540107001	900,000	900,000	0.170		X
5	54	City of Tulare Water Pollution Control Facility	1875 S. West St.	Tulare		5D540110002	599,041	599,041	0.035		X
5	54	City of Visalia WWTP		Visalia	CA0079189	5D540113001	6,480,000	6,480,000	0.024		X
5	55	Tuolumne Utilities District RWTP	1400 Southgate Dr.	Sonora		5B55NP00003	3,273,000	4,380,000	0.050		X
4	56	Olsen Road WWTP	2025 Olsen Rd.	Thousand Oaks	CA-0056359	4A560112002	41,000	41,000	0.048		X
4	56	Santa Clara Wastewater	815 Mission Rock Rd	Santa Paula		4A560108001	1,000,000	1,000,000	0.070		X
4	56	Simi Valley WWRP, NPDES	600 West Los Angeles Ave	Simi Valley	CA-0055221	4A560110001	450,000	4,600,000	0.015		X
5	57	City of West Sacramento WTP	1991 South River Rd.	W. Sacramento	CA0079171	5B570103001	50,000	624,000	0.150		X
5	57	Woodland Sewage Treatment Facility	42929 County Road 24	Woodland	CA0077950	5A570105001	2,000	2,000	0.050		X

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Table D-4 Sewage/Wastewater Treatment Plants Receiving Septage by RWQCB

RWQCB	County	Name of Facility	Facility Location	City	NPDES#	WDID#	Gallons received/year	Capacity gallons/year	Fee \$/gal	Accept Grease	
										Yes	No
1	12	Greater Eureka Area (Elk River) WWTP	4301 Hilfiker Ln.	Eureka	CA-0024449	1B82151OHUM	1,200,000	1,200,000	0.060		X
1	12	McKinleyville CSD WWTP				1B82084OHUM	10,000	10,000	0.180		X
1	23	Fort Bragg City WWTP	Oak St.	Fort Bragg		1B84083OMEN	20,000	20,000			X
1	23	Hopland PUD WWTP	25 Center Dr.	Hopland			1,900,000	1,900,000	0.100		X
1	23	Ukiah City WWTP				1B84029OMEN	766,650	766,650	0.170		X
1	23	Willits Water Quality Control Plant	300 Sewer Plant Rd.	Willits		1B80078OMEN ?			0.100		X
1	49	Laguna Water Reclamation Facility-City of Santa Rosa	4300 Liano Rd.	Santa Rosa	CA-0022764	1B83099OSON	1,021,340	1,021,340	0.024		X
1	53	Trinity County Waterworks WWTP	Tule Creek Rd.	Hayfork		1A97069WNTR		2,500,000	0.100		X
2	1	Dublin San Ramon SD WWTP	7399 Johnson Dr.	Pleasanton	CA-0037613	2 019033001	1,955,000	1,955,000			X
2	1	EBMUD WPCP	2020 Wake Ave.	Oakland	CA-0037702	2 019014001	4,800,000	4,800,000	0.050	X	
2	7	Delta Diablo Sanitation District	2500 Pittsburg-Antioch Hwy	Antioch	CA-0038547	2 071013001	144,000	144,000	0.120	X	
2	7	Central Contra Costa San. Dist WWTP	5019 Imhoff Place	Martinez	CA-0037648		832,000	832,000	0.102	X	
2	17	SBSA WWTP	1400 Radio Rd.	Redwood City	CA-0038369	2 417037001	60,500	60,500	0.027	X	
2	21	Central Marin Sanitation Agency	1301 Andersen Dr.	San Rafael	CA0038628	2 215116001	328,000	328,000	0.028	X	
2	21	Sewerage Agency of Southern Marin	450 Sycamore Ave.	Mill Valley	CA0037711	2 215015001	900,000	900,000	0.021	X	
2	28	Napa Sanitation District WWTP	1515 Soscol Rd	Napa	CA-0037575	2 283009001	4,583,896	4,583,896	0.128	X	
2	43	Palo Alto Regional Water Quality Control Plant	2501 Embarcadero Way	Palo Alto	CA-0037834	2 438011001	1,000,000	2,000,000	0.040	X	
2	43	San Jose/Santa Clara WPCP	700 Los Esteros Rd.	San Jose	CA-00378842	2 438014001	1,400,000	1,400,000	0.010	X	
2	49	City of Petaluma WWTP	950 Hopper St.	Petaluma		2 494006001	24,000	24,000	0.050	X	
2	49	Sonoma Valley Treatment Plant	22675 8TH St. East	Sonoma	CA-0037800	2 494009001	700,000	700,000	0.015	X	
3	27	Monterey Regional Treatment Plant	14811 Del Monte Blvd	Marina	CA0048551	3 270118002	6,304,772	6,304,772	0.070	X	
3	42	El Estero Wastewater Treatment Plant	520 E. Yanonali St.	Santa Barbara	CA0048143	3 420108001	1,000,000	1,000,000	0.090	X	
3	42	City of Santa Maria Wastewater Treatment Plant	601 South Black Rd.	Santa Maria		97-41	10,264,653	10,264,653	0.047	X	
3	43	South County Regional Authority WWTP	1500 Southside Dr.	Gilroy		3430100001	8,000,000	8,000,000	0.150	X	
3	44	City of Santa Cruz Wastewater Treatment Facility	110 California St.	Santa Cruz	CA0048194	3 440102001	5,598,142	5,598,142	0.044	X	
3	44	City of Watsonville WWTP	410 Panabaker Ln.	Watsonville	CA0048216	3 440104001	7,600,000	7,600,000	0.057	X	
4	19	LA County Pomona Liquid Waste Disposal Station	295 Humane Way	Pomona	none*	none*	13,776,000	13,776,000	0.025	X	
4	19	LA County - Joint Water Pollution Control Plant	24501 S Figueroa St.	Carson	CA0053813	4B190107013	11,457,000	11,457,000	0.025	X	
4	19	LA County - Saugus Water Reclamation Plant	26200 Springbrook Ave	Saugus	CA0054313	4A190107021	11,407,000	11,407,000	0.031	X	
4	19	LA County - Lancaster Water Reclamation Plant	1865 West D Ave	Lancaster		MRP6-93-75A2	8,688,000	8,688,000	0.016	X	
4	30	Orange County Sanitation District	10844 Ellis Ave	Fountain Valley			8,400,000	8,400,000	0.035	X	
4	56	Santa Clara Wastewater	815 Mission Rock Rd	Santa Paula		4A560108001	1,000,000	1,000,000	0.070	X	
4	56	Olsen Road WWTP	2025 Olsen Rd.	Thousand Oaks	CA-0056359	4A560112002	41,000	41,000	0.048	X	
4	56	Simi Valley WWRP, NPDES	600 West Los Angeles Ave	Simi Valley	CA-0055221	4A560110001	450,000	4,600,000	0.015	X	
5	4	Oroville WWTP	2880 S. 5th St.	Oroville	CA-0079235	5A040106001	1,000,000	1,000,000	0.027	X	
5	6	Arbuckle Public Utility District	Bailey Rd.	Arbuckle		5A060100001	25,000	25,000	0.100	X	
5	6	Maxwell PUD WWTF				5A060102001 ?					X
5	10	City of Coalinga WWTF	30500 Jayne Ave.	Coalinga		5F10S011605	50,000	75,000			X
5	15	City of Wasco WWTF	5410 7th St.	Wasco		5D150117001	729,600	729,600	0.036	X	
5	15	City of Bakersfield WWTP #2	1700 E. Planz Rd.	Bakersfield		5D15010001	14,474,700	14,474,700	0.020	X	
5	16	City of Hanford WWTF	1055 Houston Ave.	Hanford		5D160103001 ?			0.246		X
5	17	Lake Co. SD - Southeast WTP		Clearlake			455,450	455,450	0.040	X	
5	17	Lake Co. SD - Northwest WTP		Lakeport		98-206	529,500	529,500	0.040	X	
5	20	City of Madera WWTP	1308 Road 211/2	Madera		5C200101001	2,900,000	2,900,000	0.053	X	
5	22	Yosemite National Park WWTP			CA0081759	5C220701002	50,000	50,000	0.100	X	
5	24	City of Merced Wastewater Treatment Facility	10260 Gove Rd.	Merced	CA0079219	5C240108001	1,687,083	1,687,083	0.044	X	
5	32	Quincy CSD WWTF	900 Spanish Creek Rd	Quincy	CA-0078981	5A320103001	1,000,000	1,000,000	0.060	X	
5	32	City of Portola WWTP	City of Portola	Portola	CA0077844	5A320102001	450,000	450,000	0.040	X	
5	34	Sacramento Regional WWTP	8521 Laguna Station Rd.	Elk Grove	CA-0077682	5A340108002	3,300,000	3,300,000	0.051	X	
5	39	City of Stockton Regional Wastewater Control Facility	2500 Navy Drive	Stockton	CA-0079138	5B390107001	6,500,000	6,500,000	0.038	X	
5	39	White Slough Water Pollution Control Facility	12751 North Thornton Rd.	Lodi	CA-0079243	5B390103002	972,000	972,000	0.240	X	
5	39	City of Manteca WQCF	2450 W. Yosemite Ave.	Manteca	CA-0081558	5B390104001	473,959	473,959	0.043	X	
5	39	Tracy Wastewater Treatment Plant	3900 Holly Dr.	Tracy	CA0079154	5B390108001	600,000	600,000	0.028	X	
5	48	Rio Vista Wastewater Treatment Facility			CA0079588	5A480104001	30,000	30,000			X
5	48	Easterly Wastewater Treatment Plant(Vacaville)	6040 Vaca Station Rd.	Elmira	CA0077691	5A480105002	1,640,420	6,500,000	0.029	X	
5	50	Modesto Water Quality Control Facility	1221 Sutter St	Modesto	CA0082422	5C506000001	8,317,000	8,317,000	0.019	X	
5	51	Yuba City Wastewater Treatment Facility		Yuba City	CA-0079260	5A510101001	900,000	900,000	0.180	X	
5	54	City of Porterville WWTF	1333 W. Grand Ave.	Porterville		5D540107001	900,000	900,000	0.170	X	
5	54	City of Tulare Water Pollution Control Facility	1875 S. West St.	Tulare		5D540110002	599,041	599,041	0.035	X	
5	54	City of Visalia WWTP		Visalia	CA0079189	5D540113001	6,480,000	6,480,000	0.024	X	
5	55	Tuolumne Utilities District RWTP	1400 Southgate Dr.	Sonora		5B55NP00003	3,273,000	4,380,000	0.050	X	
5	57	City of West Sacramento WTP	1991 South River Rd.	W. Sacramento	CA0079171	5B570103001	50,000	624,000	0.150	X	
5	57	Woodland Sewage Treatment Facility	42829 County Road 24	Woodland	CA0077950	5A570105001	2,000	2,000	0.050	X	
6	18	Susanville Consolidate Sanitary District	45 S. Roop St.	Susanville		6A181554001	60,000	60,000	0.030	X	
6	26	June Lake Public Utilities District	2380 Highway 158	June Lake			4,500	4,500	0.017	X	
6	26	Mammoth Community Water District		Mammoth Lakes			235,000	235,000	0.017	X	
6	36	Victor Valley Wastewater Reclamation Authority	20111 Shay Rd.	Victorville	CA-0102822	6B360109001	1,000,000	1,400,000	0.051	X	
7	13	Calexico Water Pollution Control Plant	298 East Anza Rd.	Calexico	CA-7000009	7A130101011	1,087,000	1,087,000	0.100	X	
7	36	City of Needles WWTF	516 Broadway	Needles		7B360110014	116,000	116,000	0.030	X	
8	33	City of Beaumont Waste Water Plant No. 1	715 W. 4th St.	Beaumont	CA-0105376	8 330101001	5,200,000	6,500,000	0.020	X	
8	33	City of Riverside Water Quality Control Plant	5950 Acorn St.	Riverside		8 330117003	7,468,500	7,468,500	0.011-0.013	X	
8	33	Elsinor Valley Regional Wastewater Reclamation	18200 Treleven Ave.	Lake Elsinor		8 330112001	4,000,000	4,000,000	0.025	X	
8	33	Sanderson Septage Receiving Station	Sanderson Ave	San Jacinto			2,600,000	3,000,000	0.030	X	
8	33	WWTP NO. 1	2205 Railroad St.	Corona		8330108001	1,000,000	1,000,000	0.030	X	
8	36	Inland Empire Utilities Agency, Regional Plant 1	2450 E. Philadelphia Ave.	Ontario	CA-0105279	8 360104004	3,000,000	3,000,000	0.020	X	
8	36	Big Bear Area Regional Wastewater Agency	122 Palomino Dr.	Big Bear City		00-12 7 93-030	100,000	100,000	0.055	X	
8	36	Henry N. Wochholz Wastewater Treatment Facility	880 W. County Line Rd.	Yucaipa	CA-0105619	8 362222001	200,000	200,000	0.040	X	
9	37	Encina Water Pollution Control Facility	6200 Avenida Encinas	Carlsbad	CA-0107395	9 000000030	599,475	599,475	0.054	X	

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**Table D-6 Sewage/Wastewater Treatment Plants Not Accepting Septage Or Grease - Reasons Given**

RWQCB	County	Name of Facility	Facility Location	City	Accepted previously	Reason(s) Not Accepting				
						Haven't considered	Liability	No equipment	Not interested	Design
4	19	L.A.-Glendale WWRP, NPDES								
4	19	Hyperion WWTP, NPDES								
4	19	LA County - Pomona Water Reclamation Plant	295 Humane Way	Pomona						
4	19	LA County - San Jose Creek Water Reclamation Plant	1965 S Workman Mill Rd	Whittier						
4	19	LA County - Los Coyotes Water Reclamation Plant	16515 Piuma Ave	Long Beach						
4	19	LA County - Long Beach Water Reclamation Plant	7400 E Willow St	Long Beach						
4	19	LA County - Palmdale Water Reclamation Plant	39300 30th St. East	Palmdale						
4	19	LA County - Valencia Water Reclamation Plant	28185 The Old Rd	Valencia	X					
4	19	LA County - Whittier Narrows Water Reclamation Plant	301 N Rosemead Blvd	El Monte					X	
4	19	Avalon WWTP								
4	19	Long Beach City WWF								
4	19	Burbank WWRP								X
9	37	San Elijo Water Reclamation Facility	2695 Manchester Ave.	Cardiff					X	
9	37	Hale Ave WWTP (City of Escondido)								
9	37	San Luis Rey WWTP	Oceanside						X	
7	33	Valley Sanitary District	45-500 Van Buren St.	Indio				X		
7	13	Brawley WWTP-NPDES 00-087								
7	13	El Centro Wastewater Treatment Plant	2255 La Brucherie Rd.	El Centro					X	
7	13	Heber WWTP 00-100								
7	13	Imperial WPCP 00-040					X		X	
7	13	Centinela State Prison WWTP	2302 Brown Rd.	Imperial					X	
7	13	Seeley WWTP NPDES 97-049								
8	36	STP		Colton						
9	33	Santa Rosa Water Reclamation Facility	20266 Washington Ave	Murrieta						X
8	30	WTP, Collins Filter Plant								
8	30	WTP, Diemer								
8	36	Rialto Wastewater Treatment Plant	Rialto	Rialto			X			
8	33	Lee Lake Water Reclamation Facility	Temescal Canyon Rd.	Corona		X	X	X		
4	56	Ventura Water Reclamation Facility	1400 Spinnaker Rd.	Ventura				X	X	X
4	56	Hill Canyon WWRP, NPDES								
4	56	Camirillo Sanitary Dist. Water Reclamation Plant	150 E Howard Rd				X		X	X
4	56	Camrosa WWRP, NPDES								
4	42	Carpinteria WWTP	5351 Sixth St.	Carpinteria						
4	56	Fillmore WWTP, NPDES								X
4	56	Moorpark Wastewater Treatment Plant	9550 E. Los Angeles Ave.	Moorpark					X	
4	56	Ojai Valley WWTP, NPDES	6363 North Ventura Ave.	Ventura			X			
4	56	Santa Paula WWRP, NPDES							X	
3	42	Summerland Sanitary District WWTP	2435 Wallace Ave.	Summerland					X	
3	42	Montecito Sanitary District	910 Channel Dr.	Santa Barbara						X
3	42	Goleta Sanitary District WWTP	1 William Moffet Pl.	Goleta	X			X		X
5	54	City of Exeter Wastewater Treatment Plant	1906 W. Myer	Exeter		X			X	
5	54	City of Farmersville WWTF	1 mile SW of South Ventura	Farmersville		X	X	X	X	
10	10	City of Huron WWTF								
5	15	Lamont PUD	Bear Mountain Blvd.	Lamont		X				
5	16	City of Lemoore WWTF	119 Fox St.	Lemoore					X	
5	15	Kern Sanitation Authority WWTP	4101 Kimber Ave.	Bakersfield	X			X		
5	39	Deuel Vocational institution	23500 Kasson Rd.	Tracy					X	
3	40	City of San Luis Obispo Water Reclamation Facility	San Luis Obispo					X		
3	40	Avila Beach CSD	2850 Avila Beach De.	Avila Beach						X
3	42	Lompoc Regional Wastewater Reclamation Plant	1801 W. Central Ave.	Lompoc				X	X	
3	40	Morro Bay-Cayucos Wastewater Treatment Plant	160 Atascadero Blvd.	Morro Bay						X
3	40	South San Luis Obispo SD WWTP								
3	40	Paso Robles WWTP								
3	40	Heritage Ranch Community Services District	Lake Nacimiento							
5	15	City of Tehachapi WWTF	750 Enterprise Way	Tehachapi			X	X		
5	54	Cutler-Orosi Joint Powers Wastewater Authority	40401 Road 120	Cutler				X		
5	54	City of Dinuba WWTF	6675 Avenue 412	Dinuba	X				X	
5	24	City of Los Banos WWTF	17963 W. Henry Miller Ave.	Los Banos						
5	10	City of Mendota WWTF								
5	10	City of Reedley Wastewater Treatment Facility	1295 W. Olson Ave.	Reedley					X	
5	10	Malaga County WD WWTF								
2	41	Burlingame WWTP								
2	41	Millbrae WPCP								
2	43	Sunnyvale WWTP								
2	41	San Mateo WQCP								
2	48	City of Benecia WWTP	615 East 5th St.	Benecia			X			
5	7	Brentwood Wastewater Treatment Plant	325 Sunset Rd.	Brentwood	X				X	
2	1	Union S.D. WWTP								
2	1	Hayward WPCF						X		
2	7	Hercules WWTP								
2	7	Livermore Water Reclamation Center	101 W. Jack London Blvd.	Livermore						
2	7	Mt. View Sanitary District	End of Arthur Rd.	Martinez	X		X		X	
2	7	Pinole/Hercules Water Pollution Control Plant	11 Tennent Ave	Pinole				X		
2	1	San Leandro WPCP	3000 Davis St.	San Leandro		X				
2	1	Oro Loma/Castro Valley Sanitary District WWTP	2600 Grant Rd.	San Lorenzo			X			
2	28	Joint Treatment Plant	7501 Solano Ave	Yountville			X	X	X	
2	7	Richmond WPCP			X					
2	21	Las Gallinas Valley Sanitary District STP	300 Smith Ranch Rd	San Rafael						

RWQCB	County	Name of Facility	Facility Location	City	Accepted previously	Reason(s) Not Accepting				
						Haven't considered	Liability	No equipment	Not interested	Design
2		21 Tiburon Plant	Mar West St. & Paradise Dr.	Tiburon						
3		35 Hollister WWTP	2690 San Juan-Hollister Rd	Hollister	X					X
3		35 San Juan Bautista WWTP	Third St.	San Juan Bautista						
3		44 City of Scotts Valley WWTP	700 Lundy Ln.	Scotts Valley						X
5		5 San Andreas Sanitary District WWTF	675 Gold Oak Rd.	San Andreas					X	
5		39 Defense Distribution Depot, Sharpe Facility	700 E Roth Rd.	French Camp		X	X	X	X	
5		24 Atwater WWTF	550 Commerce Ave.	Atwater			X	X		
5		55 Sierra Conservation Center	5100 O'Byrnes Ferry Rd.	Jamestown			X			
5		24 City of Livingston WWTF								
5		22 Mariposa WWTP	4956 Miller Rd.							
5		55 Moccasin Creek State Fish Hatchery	Moccasin						X	
5		50 Turlock WWTP						X	X	X
1		49 SCWA Graton CSA No. 2	Ross Rd.	Graton						X
1		49 SCWA Forestville City CSD	Packing House Rd.	Forestville						X
1		49 SCWA Occidental CSD	Occidental Rd.	Occidental						X
1		49 City of Cloverdale Wastewater Treatment Plant	700 Asti Rd.	Cloverdale	X		X		X	
1		23 Gualala CSD	42455 State Hwy One	The Sea Ranch				X		X
1		49 SCWA Russian River CSD	18400 Neely Rd.	Guernville				X	X	X
1		49 City of Healdsburg WWTP	340 Foreman Ln.	Healdsburg	X			X		
1		23 Mendocino City CSD	10500 Kelly St.	Mendocino					X	
1		12 City of Arcata WWTF	600 G St.	Arcata				X	X	
1		8 Crescent City WWTP			X		X		X	
1		12 Fortuna City WWTP								
1		12 Rio Dell Wastewater Treatment Plant		Rio Dell					X	
5		31 Placer County SMD No. 3	Auburn-Folsom Rd.	Auburn				X	X	
5		31 Placer County SMD No. 1 WWTP	11755 Joeger Rd.	Auburn						
5		31 City of Auburn Wastewater Treatment Plant	10441 Ophir Rd.	Auburn					X	
5		57 City of Davis WWTP	45400 County Rd. 28H	Davis	X					
5		34 City of Galt Wastewater Treatment Facility	10059 Twin Cities Rd.	Galt		X		X	X	
5		3 Jackson S.T.P.			X				X	X
5		9 Deer Creek WWTP	Flying "C" Rd.	Cameron Park						
5		9 El Dorado Hills WWTP	Latrobe Rd.	El Dorado Hills						
5		9 Hangtown Creek WWTP	2300 Coolwater Creek Rd.	Placerville				X		
5		31 City of Colfax Waste Water Treatment Plant	23550 Grandview Ave.	Colfax						
5		31 Pleasant Grove WWTP								
5		31 City of Roseville Dry Creek WWTP	1800 Booth Rd.	Roseville					X	
5		34 Walnut Grove WWTP (CSD1)								
5		34 Combined Wastewater Control System								
5		58 Linda County Water District WWTP	909 Myrna Ave	Marysville					X	
5		58 Beale AFB Wastewater Treatment Plant	Beale AFB				X			
5		4 Chico Regional WWTF						X		X
5		6 City of Colusa WWTP	End of Will S. Green Rd.	Colusa					X	
5		29 City of Grass Valley WWTP						X	X	
5		29 Nevada City Wastewater Treatment Plant	650 Jordan	Nevada City		X	X	X	X	
5		29 Lake of the Pines WWTP								X
5		29 Cascade Shores WWTP								X
5		29 Lake Wildwood WWTP								X
5		58 Olivhurst Public Utilities District WWTP	3908 Mary St.	Olivehurst			X	X	X	X
5		6 Williams WWTP								
5		11 Willows Wastewater Treatment Plant	1500 S. Tehama	Willows			X		X	
5		45 Cottonwood WWTP								
5		45 Clear Creek Wastewater Treatment Plant	2200 Metz Rd.	Anderson						
5		45 Stillwater Wastewater Treatment Plant	6475 Airport Rd.	Anderson					X	X
5		45 Clear Creek WTP								
5		45 Anderson WPCP								
5		45 Sierra Pacific Industries-Shasta Lake	3735 El Cajon	Shasta Lake						
5		45 Shasta Lake WWTF							X	X
5		32 Chester STP								
5		52 Corning Industrial/Domestic WWTF								
1		47 City of Dorris STP								
5		47 Dunsmuir Wastewater Treatment Plant	1100 South 1st St.	Dunsmuir						X
1		47 Town of Fort Jones								
1		47 Grenada SD								
1		47 Tennant CSD								
1		47 City of Montague	Montague	Montague		X		X		
5		47 Mt Shasta WWTP							X	X
5		52 Red Bluff WW Reclamation Plant							X	
1		53 Weaverville SD								
1		47 Lake Shastina CSD	Hwy 97 & Big Springs Rd	Lake Shastina	X			X		
1		47 City of Weed WWTP		Weed				X		
1		47 City of Yreka WWTP								
5		25 Alturas Municipal WWTP								
1		25 Tulalake City WWTP								
3		38 L.A.-Glendale WWRP, NPDES								

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**Table D-7 Septage Survey - Sewage/Wastewater Treatment Plant Responses**

RWQCB	County	Facility Name	Facility Location	City	NPDES#	WDID#	Septage		Grease Trap	
							Yes	No	Yes	No
4	19	L.A.-Glendale WWRP, NPDES				4B190106001		X		X
4	19	Hyperion WWTP, NPDES				4B190106002		X		X
4	19	LA County - Pomona Water Reclamation Plant	295 Humane Way	Pomona	CA0053619	4B190107019		X		X
4	19	LA County - San Jose Creek Water Reclamation Plant	1965 S Workman Mill Rd	Whittier	CA0053911	4B190107020		X		X
4	19	LA County - Los Coyotes Water Reclamation Plant	16515 Piuma Ave	Long Beach	CA0054011	4B190107015		X		X
4	19	LA County - Long Beach Water Reclamation Plant	7400 E Willow St	Long Beach	CA0054119	4B190107014		X		X
4	19	LA County - Palmdale Water Reclamation Plant	39300 30th St. East	Palmdale		MRP6-93-18A2		X		X
4	19	LA County - Valencia Water Reclamation Plant	28185 The Old Rd	Valencia	CA0054216	95-081		X		X
4	19	LA County - Whittier Narrows Water Reclamation Plant	301 N Rosemead Blvd	El Monte		4B190107016		X		X
4	19	LA County Pomona Liquid Waste Disposal Station	295 Humane Way	Pomona	none*	none*	X			X
4	19	LA County - Joint Water Pollution Control Plant	24501 S Figueroa St	Carson	CA0053813	4B190107013	X			X
4	19	LA County - Saugus Water Reclamation Plant	26200 Springbrook Ave	Saugus	CA0054313	4A190107021	X			X
6	19	LA County - Lancaster Water Reclamation Plant	1865 West D Ave	Lancaster		MRP6-93-75A2	X			X
4	19	Avalon WWTP				4B190100001		X		X
4	19	Long Beach City WWF				4B190105032		X		X
4	19	Burbank WWRP				4B190101001		X		X
8	36	Inland Empire Utilities Agency, Regional Plant 1	2450 E. Philadelphia Ave.	Ontario	CA-0105279	8 360104004	X			X
9	37	San Elijo Water Reclamation Facility	2695 Manchester Ave.	Cardiff		9 000000125		X		X
9	37	Encina Water Pollution Control Facility	6200 Avenida Encinas	Carlsbad	CA-0107395	9 000000030	X			X
9	37	Hale Ave WWTP (City of Escondido)				9 000000031		X		X
9	37	San Luis Rey WWTP	Oceanside			9 000000146		X		X
7	33	Valley Sanitary District	45-500 Van Buren St.	Indio		7A330122021		X		X
8	33	City of Beaumont Waste Water Plant No. 1	715 W. 4th St.	Beaumont	CA-0105376	8 330101001	X			X
7	13	Brawley WWTP-NPDES 00-087				7A130100011		X		X
7	13	Calexico Water Pollution Control Plant	298 East Anza Rd.	Calexico	CA-7000009	7A130101011	X			X
7	13	El Centro Wastewater Treatment Plant	2255 La Brucherie Rd.	El Centro	CA-0104426	7A130103011		X		X
7	13	Heber WWTP 00-100				7A130104011		X		X
7	13	Imperial WPCP 00-040				7A130106011		X		X
7	13	Centinela State Prison WWTP	2302 Brown Rd.	Imperial	CA-7000001	7A131337001		X		X
7	13	Seeley WWTP NPDES 97-049				7A130111013		X		X
8	36	Big Bear Area Regional Wastewater Agency	122 Palomino Dr.	Big Bear City		00-12 7 93-030	X			X
8	36	STP		Colton		8 360105001		X		X
7	36	City of Needles WWTF	516 Broadway	Needles		7B360110014	X			X
6	36	Victor Valley Wastewater Reclamation Authority	20111 Shay Rd.	Victorville	CA-0102822	6B360109001	X			X
8	36	Henry N. Wochholz Wastewater Treatment Facility	880 W. County Line Rd.	Yucaipa	CA-0105619	8 362222001	X			X
8	33	City of Riverside Water Quality Control Plant	5950 Acorn St.	Riverside		8 330117003	X			X
8	33	Elsinor Valley Regional Wastewater Reclamation	18200 Treleven Ave.	Lake Elsinor		8 330112001	X			X
9	33	Santa Rosa Water Reclamation Facility	20266 Washington Ave	Murrieta		9 000000601		X		X
8	33	Sanderson Septage Receiving Station	Sanderson Ave	San Jacinto			X			X
8	30	WTP, Collins Filter Plant				8 302750001		X		X
8	30	WTP, Diemer				8 300137001		X		X
8	36	Rialto Wastewater Treatment Plant	Rialto	Rialto		8 360112001		X		X
4	30	Orange County Sanitation District	10844 Ellis Ave	Fountain Valley			X		X	
8	33	WWTP NO. 1	2205 Railroad St.	Corona		8 330108001	X			X
8	33	Lee Lake Water Reclamation Facility	Temescal Canyon Rd.	Corona	CA-8000100	8 332253001		X		X
4	56	Ventura Water Reclamation Facility	1400 Spinnaker Rd.	Ventura	CA-0053651	4A560107001		X		X
4	56	Santa Clara Wastewater	815 Mission Rock Rd	Santa Paula		4A560108001	X			X
4	56	Hill Canyon WWRP, NPDES				4A560112001		X		X
4	56	Camirillo Sanitary Dist. Water Reclamation Plant	150 E Howard Rd		CA-0053597	4A560100001		X		X
4	56	Camrosa WWRP, NPDES				4A560106003		X		X
4	56	Olsen Road WWTP	2025 Olsen Rd.	Thousand Oaks	CA-0056359	4A560112002	X			X
4	42	Carpinteria WWTP	5351 Sixth St.	Carpinteria	CA-0047364	3 420101001		X		X
4	56	Fillmore WWTP, NPDES				4A560101002		X		X
4	56	Moorpark Wastewater Treatment Plant	9550 E. Los Angeles Ave.	Moorpark		4A560103003		X		X
4	56	Ojai Valley WWTP, NPDES	6363 North Ventura Ave.	Ventura	CA-0053961	4A560104001		X		X
4	56	Santa Paula WWRP, NPDES				4A560108001		X		X
4	56	Simi Valley WWRP, NPDES	600 West Los Angeles Ave	Simi Valley	CA-0055221	4A560110001	X			X
3	42	Summerland Sanitary District WWTP	2435 Wallace Ave.	Summerland	CA-0048054	3 420111001		X		X
3	42	Montecito Sanitary District	910 Channel Dr.	Santa Barbara	CA0047899	3 420107001		X		X
3	42	El Estero Wastewater Treatment Plant	520 E. Yanonali St.	Santa Barbara	CA0048143	3 420108001	X			X
3	42	Goleta Sanitary District WWTP	1 William Moffet Pl.	Goleta	CA-0048160	3 420102001		X		X
5	10	City of Coalinga WWTF	30500 Jayne Ave.	Coalinga		5F10S011605	X			X
5	54	City of Exeter Wastewater Treatment Plant	1906 W. Myer	Exeter		5D540103001		X		X
5	54	City of Farmersville WWTF	1 mile SW of South Ventura	Farmersville		5D540117001		X		X
5	16	City of Hanford WWTF	1055 Houston Ave.	Hanford		5D160103001	X			X
10	10	City of Huron WWTF				5D100107001		X		X
5	15	Lamont PUD	Bear Mountain Blvd.	Lamont		5D150108001		X		X
5	16	City of Lemoore WWTF	119 Fox St.	Lemoore		5D160104001		X		X
5	54	City of Porterville WWTF	1333 W. Grand Ave.	Porterville		5D540107001	X			X
5	54	City of Tulare Water Pollution Control Facility	1875 S. West St.	Tulare		5D540110002	X		X	
5	54	City of Visalia WWTP		Visalia	CA0079189	5D540113001	X			X
5	15	City of Wasco WWTF	5410 7th St.	Wasco		5D150117001	X			X
5	15	Kern Sanitation Authority WWTP	4101 Kimber Ave.	Bakersfield		5D150105001		X		X

RWQCB	County	Facility Name	Facility Location	City	NPDES#	WDID#	Septage		Grease Trap	
							Yes	No	Yes	No
5	15	City of Bakersfield WWTP #2	1700 E. Planz Rd.	Bakersfield		5D15010001	X		X	
3	40	City of San Luis Obispo Water Reclamation Facility	San Luis Obispo		CA-0049224	3 400107001		X		X
3	40	Avila Beach CSD	2850 Avila Beach De.	Avila Beach	CA-0047830	3 400101001		X		X
3	42	Lompoc Regional Wastewater Reclamation Plant	1801 W. Central Ave.	Lompoc	CA-0048127	3 420105001		X		X
3	40	Morro Bay-Cayucos Wastewater Treatment Plant	160 Atascadero Blvd.	Morro Bay	CA-0047881	3 400103001		X		X
3	40	South San Luis Obispo SD WWTP			CA-0047830	3 400111001		X		X
3	40	Paso Robles WWTP			CA0047953	3 400105001		X		X
3	40	Heritage Ranch Community Services District	Lake Nacimiento		CA0048941	3 401013001		X		X
3	42	City of Santa Maria Wastewater Treatment Plant	601 South Black Rd.	Santa Maria		97-41	X		X	
5	15	City of Tehachapi WWTF	750 Enterprise Way	Tehachapi		5D150116001		X		X
5	54	Cutler-Orosi Joint Powers Wastewater Authority	40401 Road 120	Cutler	CA-0081485	5D540132001		X		X
5	54	City of Dinuba WWTF	6675 Avenue 412	Dinuba		5D540101001		X		X
5	24	City of Los Banos WWTF	17963 W. Henry Miller Ave.	Los Banos		5C240107001		X		X
3	42	June Lake Public Utilities District	2380 Highway 158	June Lake			X			X
6	26	Mammoth Community Water District		Mammoth Lakes			X			X
5	20	City of Madera WWTP	1308 Road 211/2	Madera		5C200101001	X			X
5	10	City of Mendota WWTF		Mendota		5D100109001		X		X
5	10	City of Reedley Wastewater Treatment Facility	1295 W. Olson Ave.	Reedley	CA0081230	5D100113001		X		X
5	10	Malaga County WD WWTF			CA0084239	5D100124001		X		X
3	27	Monterey Regional Treatment Plant	14811 Del Monte Blvd	Marina	CA0048551	3 270118002	X		X	
2	41	Burlingame WWTP				2 417005001		X		X
2	41	Millbrae WPCP				2 417019001		X		X
2	17	SBSA WWTP	1400 Radio Rd.	Redwood City	CA-0038369	2 417037001	X		X	
2	43	Sunnyvale WWTP				2 438018001		X		X
2	43	Palo Alto Regional Water Quality Control Plant	2501 Embarcadero Way	Palo Alto	CA-0037834	2 438011001	X		X	
2	41	San Mateo WQCP				2 417035001		X		X
2	7	Delta Diablo Sanitation District	2500 Pittsburg-Antioch Hwy	Antioch	CA-0038547	2 071013001	X		X	
2	48	City of Benecia WWTP	615 East 5th St.	Benecia		2 482001001		X		X
5	7	Brentwood Wastewater Treatment Plant	325 Sunset Rd.	Brentwood	CA0082660	5B070101001		X		X
2	1	Union S.D. WWTP				2 019060001		X		X
2	1	Hayward WPCF				2 019022001		X		X
2	7	Hercules WWTP				2 071020001		X		X
2	7	Livermore Water Reclamation Center	101 W. Jack London Blvd.	Livermore		2 019025001		X		X
2	7	Mt. View Sanitary District	End of Arthur Rd.	Martinez		2 071029001		X		X
2	7	Central Contra Costa San. Dist WWTP	5019 Imhoff Place	Martinez	CA-0037648		X		X	
2	28	Napa Sanitation District WWTP	1515 Soscol Rd	Napa	CA-0037575	2 283009001	X			X
2	7	Pinole/Hercules Water Pollution Control Plant	11 Tennen Ave	Pinole	CA-0037796	2 071032001		X		X
5	48	Rio Vista Wastewater Treatment Facility			CA0079588	5A480104001	X			X
2	1	San Leandro WPCP	3000 Davis St.	San Leandro	CA-0037869	2 019037001		X	X	
2	1	Oro Loma/Castro Valley Sanitary District WWTP	2600 Grant Rd.	San Lorenzo	CA-0037867	2 019032001		X		X
2	1	Dublin San Ramon SD WWTP	7399 Johnson Dr.	Pleasanton	CA-0037613	2 019033001	X			X
2	28	Joint Treatment Plant	7501 Solano Ave	Yountville	CA-0038121	2 283019001		X		X
2	1	EBMUD WPCP	2020 Wake Ave.	Oakland	CA-0037702	2 019014001	X		X	
2	7	Richmond WPCP				2 071037001		X		X
2	21	Central Marin Sanitation Agency	1301 Andersen Dr.	San Rafael	CA0038628	2 215116001	X		X	
2	21	Las Gallinas Valley Sanitary District STP	300 Smith Ranch Rd	San Rafael		2 215012001		X		X
2	21	Tiburon Plant	Mar West St. & Paradise Dr.	Tiburon		2 215021001		X		X
2	21	Sewerage Agency of Southern Marin	450 Sycamore Ave.	Mill Valley	CA-0037711	2 215015001	X			X
2	49	City of Petaluma WWTP	950 Hopper St.	Petaluma		2 494006001	X			X
3	43	South County Regional Authority WWTP	1500 Southside Dr.	Gilroy		3430100001	X			X
3	35	Hollister WWTP	2690 San Juan-Hollister Rd	Hollister		87-47		X		X
3	35	San Juan Bautista WWTP	Third St.	San Juan Bautista	CA0047902	3 350102001		X		X
3	44	City of Santa Cruz Wastewater Treatment Facility	110 California St.	Santa Cruz	CA0048194	3 440102001	X		X	
3	44	City of Scotts Valley WWTP	700 Lundy Ln.	Scotts Valley	CA0048828	3 440103001		X		X
3	44	City of Watsonville WWTP	410 Panabaker Ln.	Watsonville	CA0048216	3 440104001	X		X	
2	43	San Jose/Santa Clara WPCP	700 Los Esteros Rd.	San Jose	CA-00378842	2 438014001	X			X
5	39	City of Stockton Regional Wastewater Control Facility	2500 Navy Drive	Stockton	CA-0079138	5B390107001	X		X	
5	39	White Slough Water Pollution Control Facility	12751 North Thornton Rd.	Lodi	CA-0079243	5B390103002	X		X	
5	5	San Andreas Sanitary District WWTF	675 Gold Oak Rd.	San Andreas	CA-0079464	5B050103001		X		X
5	39	Defense Distribution Depot, Sharpe Facility	700 E Roth Rd.	French Camp	CA-0003905	5B390701001		X		X
5	24	Atwater WWTF	550 Commerce Ave.	Atwater	CA0079197	5C240100001		X		X
5	22	Yosemite National Park WWTP			CA0081759	5C220701002	X			X
5	55	Sierra Conservation Center	5100 O'Byrnes Ferry Rd.	Jamestown		5B55NP00002		X		X
5	24	City of Livingston WWTF				5C240106002		X		X
5	39	City of Manteca WQCF	2450 W. Yosemite Ave.	Manteca	CA-0081558	5B390104001	X			X
5	22	Mariposa WWTP	4956 Miller Rd.		CA0079430	5C221012001		X		X
5	24	City of Merced Wastewater Treatment Facility	10260 Gove Rd.	Merced	CA0079219	5C240108001	X			X
5	55	Moccasin Creek State Fish Hatchery	Moccasin		CA-0004804	5C550800001		X		X
5	50	Modesto Water Quality Control Facility	1221 Sutter St	Modesto	CA0082422	5C506000001	X			X
5	55	Tuolumne Utilities District RWTP	1400 Southgate Dr.	Sonora		5B55NP00003	X			X
5	39	Deuel Vocational Institution	23500 Kasson Rd.	Tracy	CA-0078093	5B390100001		X		X
5	39	Tracy Wastewater Treatment Plant	3900 Holly Dr.	Tracy	CA0079154	5B390108001	X			X
5	50	Turlock WWTP			CA0078948	5C500108001		X		X
1	49	SCWA Graton CSA No. 2	Ross Rd.	Graton		1B840600SON		X		X
1	49	SCWA Forestville City CSD	Packing House Rd.	Forestville		1B831000SON		X		X

RWQCB	County	Facility Name	Facility Location	City	NPDES#	WDID#	Septage		Grease Trap	
							Yes	No	Yes	No
1	49	SCWA Occidental CSD	Occidental Rd.	Occidental		1B83001OSON		X		X
2	49	Sonoma Valley Treatment Plant	22675 8TH St. East	Sonoma	CA-0037800	2 494009001	X			X
1	49	Laguna Water Reclamation Facility-City of Santa Rosa	4300 Llano Rd.	Santa Rosa	CA-0022764	1B83099OSON	X			X
1	49	City of Cloverdale Wastewater Treatment Plant	700 Asti Rd.	Cloverdale		1B84032OSON		X		X
1	23	Fort Bragg City WWTP	Oak St.	Fort Bragg		1B84083OMEN	X			X
1	23	Gualala CSD	42455 State Hwy One	The Sea Ranch		1B89005RMEN		X		X
1	49	SCWA Russian River CSD	18400 Neely Rd.	Guernville		1B82045OSON		X		X
1	49	City of Healdsburg WWTP	340 Foreman Ln.	Healdsburg		1B8204605ON		X		X
1	23	Hopland PUD WWTP	25 Center Dr.	Hopland			X			X
5	17	Lake Co. SD - Southeast WTP		Clearlake			X			X
5	17	Lake Co. SD - Northwest WTP		Lakeport			X			X
1	23	Mendocino City CSD	10500 Kelly St.	Mendocino	CA-00228770	1B83129OMEN		X		X
1	23	Ukiah City WWTP				1B84029OMEN	X			X
1	23	Willits Water Quality Control Plant	300 Sewer Plant Rd.	Willits		1B800780MEN	X			X
1	12	Greater Eureka Area (Elk River) WWTP	4301 Hillfiker Ln.	Eureka	CA-0024449	1B82151OHUM	X			X
1	12	City of Arcata WWTF	600 G St.	Arcata	CA-00227713	1B82114OHUM		X		X
1	12	McKinleyville CSD WWTP				1B82084OHUM	X			X
1	8	Crescent City WWTP				1A84006ODN		X		X
1	12	Fortuna City WWTP				1B83135OHUM		X		X
1	12	Rio Dell Wastewater Treatment Plant		Rio Dell		1B83134OHUM		X		X
5	31	Placer County SMD No. 3	Auburn-Folsom Rd.	Auburn	CA0079367	5A310104018		X		X
5	31	Placer County SMD No. 1 WWTP	11755 Joeger Rd.	Auburn	CA0079316	5A310104007		X		X
5	31	City of Auburn Wastewater Treatment Plant	10441 Ophir Rd.	Auburn	CA-0077712	5A310100001		X		X
5	57	City of Davis WWTP	45400 County Rd. 28H	Davis	CA-0079049	5A570100001		X		X
5	48	Easterly Wastewater Treatment Plant(Vacaville)	6040 Vaca Station Rd.	Elmira	CA0077691	5A480105002	X		X	
5	34	City of Galt Wastewater Treatment Facility	10059 Twin Cities Rd.	Galt	CA0081434	5B340101001		X		X
5	3	Jackson S.T.P.			CA0079391	5B030103001		X		X
5	9	Deer Creek WWTP	Flying "C" Rd.	Cameron Park	CA0078662	5B090102001		X		X
5	9	El Dorado Hills WWTP	Latrobe Rd.	El Dorado Hills	CA0078671	5B090102005		X		X
5	9	Hangtown Creek WWTP	2300 Coolwater Creek Rd.	Placerville	CA0078956	5A090100001		X		X
5	57	City of West Sacramento WTP	1991 South River Rd.	W. Sacramento	CA0079171	5B570103001	X			X
5	31	City of Colfax Waste Water Treatment Plant	23550 Grandview Ave.	Colfax	CA0079529	5A310101001		X		X
5	31	Pleasant Grove WWTP			CA0084573	5A310106007		X		X
5	31	City of Roseville Dry Creek WWTP	1800 Booth Rd.	Roseville	CA0079502	5A310106001		X		X
5	34	Walnut Grove WWTP (CSD1)			CA0078794	5A340107010		X		X
5	34	Sacramento Regional WWTP	8521 Laguna Station Rd.	Elk Grove	CA-0077682	5A340108002	X		X	
5	57	Woodland Sewage Treatment Facility	42929 County Road 24	Woodland	CA0077950	5A570105001	X			X
5	34	Combined Wastewater Control System			CA0079111	5A340114001		X		X
5	58	Linda County Water District WWTP	909 Myrna Ave	Marysville	CA-0079651	5A580100002		X		X
5	58	Beale AFB Wastewater Treatment Plant	Beale AFB		CA0110299	5A580700001		X		X
5	6	Arbuckle Public Utility District	Bailey Rd.	Arbuckle		5A060100001	X			X
5	4	Chico Regional WWTF			CA0079081	5A040102001		X		X
5	6	City of Colusa WWTP	End of Will S. Green Rd.	Colusa	CA-0078999	5A060101001		X		X
5	29	City of Grass Valley WWTP			CA0079898	5A290100001		X		X
5	6	Maxwell PUD WWTF				5A060102001	X			X
5	29	Nevada City Wastewater Treatment Plant	650 Jordan	Nevada City	CA0079901	5A290101001		X		X
5	29	Lake of the Pines WWTP			CA0081612	5A290104003		X		X
5	29	Cascade Shores WWTP			CA0083241	5A290107002		X		X
5	29	Lake Wildwood WWTP			CA0077828	5A290104001		X		X
5	58	Olivehurst Public Utilities District WWTP	3908 Mary St.	Olivehurst	CA-0077836	5A580102001		X		X
5	4	Oroville WWTP	2880 S. 5th St.	Oroville	CA-0079235	5A040106001	X			X
5	32	Quincy CSD WWTF	900 Spanish Creek Rd	Quincy	CA-0078981	5A320103001	X			X
5	6	Williams WWTP			CA0077933	5A060103001		X		X
5	11	Willows Wastewater Treatment Plant	1500 S. Tehama	Willows	CA-0078034	5A110101001		X		X
5	51	Yuba City Wastewater Treatment Facility		Yuba City	CA-0079260	5A510101001	X			X
5	45	Cottonwood WWTP			CA0081507	5A450001005		X		X
5	45	Clear Creek Wastewater Treatment Plant	2200 Metz Rd.	Anderson	CA-0079731	5A450103001		X		X
5	45	Stillwater Wastewater Treatment Plant	6475 Airport Rd.	Anderson	CA-0082589	5A450103004		X		X
5	45	Clear Creek WTP				5A450120001		X		X
5	45	Anderson WPCP			CA0077704	5A450100001		X		X
5	45	Sierra Pacific Industries-Shasta Lake	3735 El Cajon	Shasta Lake	CA-0081400	5A452015002		X		X
5	45	Shasta Lake WWTF				5A450105001		X		X
5	32	Chester STP			CA0077747	5A320100001		X		X
5	52	Corning Industrial/Domestic WWTF			CA0004995	5A520100001		X		X
1	47	City of Dorris STP						X		X
5	47	Dunsmuir Wastewater Treatment Plant	1100 South 1st St.	Dunsmuir	CA-0078441	5A470101001		X		X
1	47	Town of Fort Jones						X		X
1	47	Grenada SD						X		X
1	53	Trinity County Waterworks WWTP	Tule Creek Rd.	Hayfork		1A97069WNTR	X			X
1	47	Tennant CSD						X		X
1	47	City of Montague	Montague	Montague				X		X
5	47	Mt Shasta WWTP			CA0078051	5A470105001		X		X
5	52	Red Bluff WW Reclamation Plant			CA0078891	5A520101001		X		X
1	53	Weaverville SD						X		X
1	47	Lake Shastina CSD	Hwy 97 & Big Springs Rd	Lake Shastina		547042		X		X



RWQCB	County	Facility Name	Facility Location	City	NPDES#	WDID#	Septage		Grease Trap	
							Yes	No	Yes	No
1	47	City of Weed WWTP		Weed				X		X
1	47	City of Yreka WWTP						X		X
5	25	Alturas Municipal WWTP			CA0078921	5A250100001		X		X
5	32	City of Portola WWTP	City of Portola	Portola	CA0077844	5A320102001	X			X
6	18	Susanville Consolidate Sanitary District	45 S. Roop St.	Susanville		6A181554001	X		X	
1	25	Tulelake City WWTP				1A84002OSIS		X		X
1	25	Newell CWD	Newell Townsite - Hwy 139	Newell				X		X

78 151 19 210

## Independent Septage Receiving Facilities, Land Application, Ponds & Landfills:

Sixteen treatment and/or disposal facilities were identified that are not sewage treatment plants. They are identified for purposes of this report as independent receiving facilities and include all land application sites, septage ponds, proprietary treatment facilities and landfills.

- Ten of these facilities use septage ponds. Six of these were located at landfills. There are four pond disposal facilities separate from landfills. Of the six ponds at landfill facilities five incorporate the dried solids into the landfill and one land applies the residual solid.
- Two facilities use proprietary dewatering treatment systems.
- Six facilities use land application as the final disposal, with four of these using land application for both treatment and disposal.

These independent receiving facilities reported receiving over 32 million gallons of septage and over 300,000 gallons of grease a year.

Supplemental Information:

1. Disposal costs at these facilities ranged from \$.02 to \$.20 per gallon.
2. Four facilities conduct a systematic load-checking program.

The following are summary tables for the independent septage treatment and disposal facilities.

### Summary Table for Independent Septage Treatment and Disposal Facilities

<b>Septage</b>		
Type of Facility	Number of Facilities	Septage Received (gallons/year)
Sewage Treatment Plant	79	199,691,181
Landfill	1	not available
Land application	5	830,000
Independent Treatment System	2	4,300,000
Pond	10	26,277,864

Complete survey results identifying the independent septage treatment facilities follow in Table D-8.

**Table D-8 Independent Septage Treatment & Disposal Facilities**

County #	Facility Name	Facility Location	City	Type of Facility					Septage		Grease		SWIS #	WDID #	WDR#
				WWTP	Landfill	Land application	Proprietary	Pond	Quantity/yr	Fee	Quantity/yr	Fee			
4	Neal Rd. Landfill	1023 Neal Rd.	Chico		X			X	6,376,170	0.07			04-AA-0002		
36	Landers Sanitary Landfill*	Landers Rd.	Landers		X			X	6,419,676				36-AA-0057		98-003
36	Barstow Sanitary Landfill**	Barstow Rd.	Barstow		X	X		X	5,196,768				36-AA-0046		6-89-33-1
33	Blythe Sanitary Landfill	1000 Midland Rd.,	Blythe		X			X	200,250	0.2	58,550	0.2	33-AA-0017		98-102
12	Steve's Septic Service	1810 Murray Rd.,	McKinleyville				X		3,500,000	0.08	250,000	0.08			
31	Inviro-Tech***	2480 Athens Ave.	Lincoln			X	X		800,000	0.08		0.12			
21	Borello Septage Ponds	Millerton Point,	Point Reyes					X	2,300,000						91-182
47	Cade Mountain Septage Ponds	Noranda Mine Rd	Happy Camp					X	85,000	0.05					81-192
47	Montague Airport Septage Pond	Airport Rd.	Montague					X	1,500,000	0.05					
45	Anderson Septage Pond	Cambridge Rd.(Anderson Landfill)	Anderson Landfill					X	6,000,000	0.03					94-018
45	Fall River Septage Pond	Cassel Rd,	Fall River					X	250,000	0.03					98-137
25	Alturas Landfill	County Rd. 60,	Alturas		X	X		X	20,000				25-AA-0001		
20	Fairmead Landfill	Ave 22 at Road 19	Chowchilla		X								20-AA-0002		
52	Rawson Rd. Septage Disposal Site	Rawson Rd.,	Red Bluff			X			400,000					5A520306001	5-00-017
52	Nunez	Jellys Ferry Rd.,	Red Bluff			X			230,000					5A520305001	99-038
52	Williams Ranch	New York Ave.,	Coming			X			200,000					5A520311001	99-122

\* Capacity as of 2-1-02 3,300,000 gals

\*\* Capacity of ponds is 1,900,000 gals

\*\*\* Capacity is 2.5 million gals/yr

### E) Results - Grease Trap Waste

Twenty-three facilities were identified that accept grease trap waste. More than 97% of grease trap waste is going to sewage treatment plants.

The average disposal fee charged ranged from a low of \$0.02 per gallon to a high of \$0.14 per gallon, with an average of \$0.079 and a median of \$0.078. This is slightly more than one cent per gallon higher than fees charged for septage disposal.

#### Summary Table for Grease Treatment and Disposal Facilities

Grease		
Type of Facility	Number of Facilities	Grease Received (gallons/year)
Sewage Treatment Plant	19	11,291,051
Landfill	1	unknown
Land application		
Independent Treatment System	2	250,000
Pond	1	58,550

Table E-1 displays all of the facility information.

**Table E-1 Sewage/Wastewater Treatment Plants Receiving Grease**

RWQCB	County	Name of Facility	Facility Location	City	NPDES#	WDID#	Gallons received/year	Capacity gallons/year	Fee \$/gal	Testing		Constituents				Point of application		Accept Septage	
										Yes	No	heavy metals	BOD	pH	other	liquid stream	solid stream	Yes	No
4	30	Orange County Sanitation District	10844 Ellis Ave	Fountain Valley			3,600,000	3,600,000	0.035	X		X	X	X			X		
5	54	City of Tulare Water Pollution Control Facility	1875 S. West St.	Tulare		5D540110002	73,604	73,604	0.03053	X					X		X		
5	15	City of Bakersfield WWTP #2	1700 E. Planz Rd.	Bakersfield		5D15010001			0.02	X			X		X		X		
3	42	City of Santa Maria Wastewater Treatment Plant	601 South Black Rd.	Santa Maria		97-41	608,781	608,781	0.0776	X	X	X			X		X		
3	27	Monterey Regional Treatment Plant	14811 Del Monte Blvd	Marina	CA0048551	3 270118002	950,869	950,869	0.11	X			X	X	X	X	X		
2	17	SBSA WWTP	1400 Radio Rd.	Redwood City	CA-0038369	2 417037001	1,900,000	1,900,000	0.141	X	X	X			X	X	X		
2	43	Palo Alto Regional Water Quality Control Plant	2501 Embarcadero Way	Palo Alto	CA-0037834	2 438011001	10,000	25,000	0.04	X	X				X	X	X		
2	7	Delta Diablo Sanitation District	2500 Pittsburg-Antioch Hwy	Antioch	CA-0038547	2 071013001	100,000	100,000	0.12	X			X		X		X		
2	7	Central Contra Costa San. Dist WWTP	5019 Imhoff Place	Martinez	CA-0037648		497,000	497,000	0.012	X	X		X	X	X		X		
2	1	San Leandro WPCP	3000 Davis St.	San Leandro	CA-0037869	2 019037001	12,000	2,500,000	0.1	X			X		X			X	
2	1	EBMUD WPCP	2020 Wake Ave.	Oakland	CA-0037702	2 019014001	260,000	260,000	0.08	X	X	X			X		X		
2	21	Central Marin Sanitation Agency	1301 Andersen Dr.	San Rafael	CA0038628	2 215116001	104,000	104,000	0.111	X	X		X		X		X		
3	44	City of Santa Cruz Wastewater Treatment Facility	110 California St.	Santa Cruz	CA0048194	3 440102001	1,768,097	1,768,097	0.0498	X			X		X	X	X		
3	44	City of Watsonville WWTP	410 Panabaker Ln.	Watsonville	CA0048216	3 440104001	106,000	106,000	0.0568	X			X				X		
5	39	City of Stockton Regional Wastewater Control Facility	2500 Navy Drive	Stockton	CA-0079138	5B390107001				X	X	X			X		X		
5	39	White Slough Water Pollution Control Facility	12751 North Thornton Rd.	Lodi	CA-0079243	5B390103002	420,000	420,000	0.115	X			X		X	X	X		
5	48	Easterly Wastewater Treatment Plant(Vacaville)	6040 Vaca Station Rd.	Elmira	CA0077691	5A480105002	179,500	260,000	0.07277	X			X		X		X		
5	34	Sacramento Regional WWTP	8521 Laguna Station Rd.	Elk Grove	CA-0077682	5A340108002	700,000	700,000	0.0511	X	X	X	X	X	X		X		
6	18	Susanville Consolidate Sanitary District	45 S. Roop St.	Susanville		6A181554001	1,200	1,200	0.03	X			X		X		X		

11,291,051 13,874,551

**F) Results - Local Jurisdictions with Onsite Program Responsibility**

Responses were received from 39 of the 64 jurisdictions surveyed. Local agencies are not required to maintain information on septage receiving facilities within their jurisdiction and as result the information provided was incomplete. The purpose of requesting the information was to gather information on sites from as many sources as possible since there is no central clearing house keeping track of this information. In two cases, Los Angeles and Orange County, the information on gallons pumped was reported by the public agency having oversight of the receiving facilities and not by the local onsite regulatory agency, demonstrating the value of requesting information from a variety of potential sources

Less than half of the jurisdictions tracked the total volume of septage handled. Most agencies do have information on the number of pumper vehicles and companies operating within their jurisdiction. Septage pumpers and haulers are required to register with the local jurisdiction (Health and Safety Code Section 117400-117450, text of this section can be found in Appendix I). Agencies reported 785 registered septage pumpers with 1,699 vehicles. This number does represent some duplication as the same hauler and vehicle may be registered in more than one jurisdiction. The local jurisdictions did identify 81 septage treatment and disposal facilities within their jurisdictions. Several of these proved to be either no longer receiving septage or no longer in operation.

The following table gives a summary of the results from the 39 agencies responding. Complete results are in Table F-1

**Summary tables for septage and grease handling as reported by local jurisdictions**

Septage	Registered companies	785
	Registered vehicles	1,699
	Pump events/year	41,243
	Gallons pumped/year	95,942,221
	Illegal Dumping/year	3

Grease	Registered companies	38
	Registered vehicles	11
	Pump events/year	1,261
	Gallons pumped/year	5,001,369
	Illegal Dumping/year	0

Treatment Facilities	Wastewater Treatment Plant	54
	Pond	9
	Land Spreading	7
	Independent Treatment System	1
	Landfill	5

**Table F-1 Local Jurisdiction Septage Report Information**

Jurisdiction	Septage Pumper/Haulers					Grease Trap Pumper/Haulers					Number Treatment Disposal Facilities	Septage Treatment/Disposal Facilities					Grease Treatment/Disposal Facilities				
	Permitted Haulers	Number of Vehicles	Number of Pump Events Per Year	Gallons Pumped Per Year	Number Illegal Dumping Per Year	Permitted Haulers	Number of Vehicles	Number of Pump Events Per Year	Gallons Pumped Per Year	Number Illegal Dumping Per Year		POTW	Pond	Land Spreading	Treatment Facility	Landfill	POTW	Pond	Land Spreading	Treatment Facility	Landfill
Alameda	28	52		33,600			3			3	1		2							1	
Alpine	9	9					1			0											
Amador	3	6	2,900	3,500,000	<1		1	25		1		1									
Colusa	7	15		579,216	0					2	2										
Contra Costa	21	48		100,000	0																
Glenn	4	4		1,000,000	<1					1			1								
Humboldt	8	12	2,175	2,610,200	0					3	3										
Kings	15	22	986		1					4	4										
Lake	12	19			<1					2	2										
Lassen	3	4	359	446,000	0					0											
Los Angeles	166	493	17,846	45,328,000	0					0	7*										
Madera	37	48								2	1				1						
Marin	13	34								5	4	1									
Modoc		2				1				1					1						
Mono	8	15			0					2	2										
Nevada	23	39								0											
Orange	34	88	8,544	13,200,000	0	20		1,236	3,600,000	1	1										
Placer	20									1				1							
Plumas	7	14		1,307,783	0					3	1	2									
Riverside										1					1						
San Bernardino	80	213			1					12	10				2						
San Diego	34	153								5											
San Francisco	0	0								0											
San Joaquin	24	41				1				4	4										
San Mateo	1	3			0					3	3										
Santa Barbara	35	78								2	2										
Santa Clara	21	68			<1	4	6			3	3										
Santa Cruz	17	30	3,340	6,759,735	1	11			1,401,369	2	2										
Shasta	12	23	1,400	6,540,000						2		2									
Sierra	4				0					0											
Siskiyou	8	16			0					2		2									
Solano	13		1,370	2,236,568	0					2	2										
Sonoma	26	51			1					7	5				2						
Stanislaus	16	41		10,317,000		1				2	1		1					1			
Sutter	11	23								1	1										
Tehama	12	19	626	867,380	0					3			3								
Trinity	7	7	200	228,450						2	1	1									
Tulare	36	2	365							3	3										
Ventura	36	58								1	1										
Yuba			1,132	888,289																	
<b>Totals</b>	<b>811</b>	<b>1,750</b>	<b>41,243</b>	<b>95,942,221</b>	<b>4</b>	<b>38</b>	<b>11</b>	<b>1,261</b>	<b>5,001,369</b>	<b>0</b>	<b>88</b>	<b>59</b>	<b>9</b>	<b>7</b>	<b>1</b>	<b>7</b>			<b>1</b>		

\*7 Manhole locations for dumping waste-all to POTWs

## G) Discussion

Septage is produced as a result of pumping the primary treatment component (septic tank) for an onsite wastewater treatment system. There are three primary reasons that tanks are pumped; 1) normal maintenance by the owner, 2) real estate transaction – lending institutions often require an inspection of the onsite system and this often results in pumping the tank as part of this process, and 3) a system malfunction or failure – often requiring pumping the tank in order to make the repairs. The real estate transaction often acts as or replaces the normal maintenance needed as the frequency parallels the property turnover rate (estimated at every five years).

The frequency that tanks need to be pumped under normal maintenance procedures depends on the size of the tank and the hydraulic and organic load being discharged into the tank. Under normal use a properly sized tank can be expected to operate effectively for more than five years without needing pumping (sources – USEPA, Bounds). Generally speaking the larger the tank the less frequently it needs pumping service.

The survey results indicate that based on the responses more than 230 million gallons of septage are being treated and disposed annually in California. The quantity of septage received by the type of facility is distributed as follows; 84% wastewater treatment plants, 2% land application, 2% independent treatment facilities (proprietary systems), and 11% septage ponds.

This quantity of 230 million gallons annually is consistent with the quantity anticipated. The California wastewater Training and Research Center conducted a preliminary analysis of the expected septage produced annually in California. The analysis is based on the following assumptions:

1. 1,200,000 onsite systems in the state
2. 1,200 gallon septic tank
3. 'Maintenance' pumping rate:
  - Gallons pumped/year assuming a seven year cycle = 205,714,286
  - Gallons pumped/year assuming a five year cycle = 288,000,000
4. System failure rate:
  - Failure rate = 1% (CWTRC and USEPA, 2000)
  - Number of repairs = 12,000
  - 1.5 pump event/repair = 18,000 pump events
1. Septage from repairs = 21,600,000



Adding the 'maintenance' pump rate with the septage from repairs results in either 226,000,000+ gallons or 309,000,000+ gallons. The results from the survey of 230,000,000+ gallons compare reasonably well with these estimates.

Based on this comparison the survey accounted for most of the anticipated septage production in the state. It is anticipated that septage production will increase for two primary reasons. The first is that the use of onsite systems for new development will continue at a rate of about 10% a year of all housing starts. The second is that as the statewide regulations (AB 885) come into effect local jurisdictions will need to develop more comprehensive programs. These programs will require more monitoring oversight of new and existing systems. This will result in educational outreach advising system owners of maintenance requirements and system upgrades to meet public health and environmental concerns.

The survey results indicate that most of the septage is treated at publicly owned sewage/wastewater treatment plants. Also, the facilities accepting septage are generally the larger municipal, sanitary district or county facilities with large waste flows. This is expected as these facilities can assimilate the additional organic load by virtue of dilution without disrupting their treatment processes. It is also evident that some smaller communities and rural areas do not have treatment facilities in close proximity, requiring longer hauling distances and increased cost to the consumer. This can be a disincentive to the proper maintenance of onsite systems.

## **H) Recommendations**

Local government, the Regional Water Quality Control Boards and the State Water Resources Control Board need to develop strategies to ensure that the septage treatment and disposal facilities are adequate to meet the demand. This was pointed out in the Report of the Technical Advisory Committee for Onsite Sewage Disposal Systems, SWRCB, November 1994. The report made recommendations for specific program changes that included:

2. Require RWQCBs to work with local agencies to ensure that there are suitable septage disposal facilities available for existing and proposed OSDS in the region. Make grants or loan funding available for evaluation and planning of septage disposal facilities. (page 26)
3. The RWQCBs should work with local agencies to evaluate the availability and suitability of septage disposal facilities. Where facilities are not adequate to serve existing and future OSDS, the RWQCBs should establish a timetable for development of facilities, including the possible prohibition of new OSDS until adequate septage facilities are assured of being available. The SWRCB and RWQCBs should ensure that regional POTWs which receive State funding assistance also provide for septage disposal where such septage disposal facilities are needed.

These recommendations are relevant to the needs of today. In addition, the study points out the need to develop a better data collection and tracking system. While the

information obtained by this survey is useful it required considerable time to compile. This type of fundamental data is necessary for program planning and evaluation. Determining the infrastructure needs for septage and grease trap waste handling treatment and disposal is an ongoing process and the data needed for these assessments should be more readily available. Specifically:

1. Regional Water Quality Control Boards should request and maintain statistical information from the various treatment facilities as to the quantity of septage and grease trap waste being processed. As noted in the study nearly 90% of septage is going to sewage treatment plants and these fall under regional board jurisdiction. This should be made part of the reporting requirements contained in the facility permit. The regional boards rather than local jurisdictions should have this responsibility as they have permitting and oversight responsibility.
2. Local agencies (local health officer or his/her designee) should track the activities of the septage tank pumpers as allowed by law. While local agencies do for the most part register the septic tank pumpers most do not have a system in place to evaluate the pumping records. The pumping records can provide a valuable tool in helping local agencies assess the status of onsite systems.
3. The State Water Resources Control Board, the Regional Water Quality Control Boards, and local jurisdictions implementing the onsite program should collaboratively establish a minimum data set that can be used for future analysis.

Finally, California should consider developing a comprehensive septage management plan. A number of states, for example North Carolina, have developed a program that insures facilities are available and that these wastes are managed in a manner that protects public health and the environment.

## Septage Survey - Wastewater Treatment Plant Contact List

RWQCB	County ID	Facility Name	Facility Location	City	Mail address	City	ZIP
4	19	LA.-Glendale WWRP, NPDES			4600 Colorado Blvd	Los Angeles	90039
4	19	LOS ANGELES TERMINAL WEST			13707 S Broadway	LOS ANGELES	90061
	19	WEST BASIN WWRP, NPDES			1935 E Hughes Way	EL SEGUNDO	90245
4	19	MALIBU MESA WWRP, NPDES			3863 Malibu Country Dr	MALIBU	90265
		Hyperion WWTP, NPDES			12000 Vista Del Mar Blvd	Playa Del Rey	90293
4	19	LA County Pomona Liquid Waste Disposal Station	295 Humane Way	Pomona	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - Pomona Water Reclamation Plant	295 Humane Way	Pomona	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - San Jose Creek Water Reclamation Plant	1965 S Workman Mill Rd	Whittier	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - Joint Water Pollution Control Plant	24501 S Figueroa St	Carson	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - Los Coyotes Water Reclamation Plant	16515 Piuma Ave	Long Beach	CSDLAC, P.O. Box 4998	Cerritos (Dairy Valle)	90607
4	19	LA County - Long Beach Water Reclamation Plant	7400 E Willow St	Long Beach	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - Saugus Water Reclamation Plant	26200 Springbrook Ave	Saugus	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - Palmdale Water Reclamation Plant	39300 30th St. East	Palmdale	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - Valencia Water Reclamation Plant	28185 The Old Rd	Valencia	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - Whittier Narrows Water Reclamation Plant	301 N Rosemead Blvd	El Monte	CSDLAC, P.O. Box 4998	Whittier	90607
4	19	LA County - Lancaster Water Reclamation Plant	1865 West D Ave	Lancaster	CSDLAC, P.O. Box 4998	Whittier	90607
		KNOTT'S BERRY FARM			8039 BEACH BLVD	BUENA PARK	90620
4		Avalon WWTP			25 Pebbly Beach Rd	Avalon	90704
		TERMINAL ISLAND WWTP			445 Ferry St	SAN PEDRO	90731
4		Long Beach City WWF			2950 Redondo Ave	Long Beach	90806
		DEPT. OF WATER & POWER			45 E Glenarm Ave	PASADENA	91105
		TAPIA WWRP, NPDES			731 Malibu Canyon Rd	CALABASAS	91302
		TILLMAN WWRP, NPDES			6100 Woodley Ave	VAN NUYS	91406
4		Burbank WWRP			740 N Lake St	Burbank	91502
		STP NO. 3			815 West Sixth St.	CORONA	91720
8		STP NO. 1	2205 Railroad St.	Corona	815 W. Sixth St.	Corona	92882
		STP.CARBON CANYON			P.O. Box 697	Rancho Cucamonga	91729
8		Inland Empire Utilities Agency, Regional Plant 1	2450 E. Philadelphia Ave.	Ontario	P.O. Box 697	Rancho Cucamonga	91729
		CHINO, Sewage Treatment Plant 2	16400 EL PRADO RD		P.O. Box 697	Rancho Cucamonga	91729
		CITY OF INDUSTRY FACILITY			200 Old Ranch Rd	CITY OF INDUSTRY	91789
9		San Elijo Water Reclamation Facility	2695 Manchester Ave.	Cardiff	2695 Manchester Ave.	Cardiff	92007
9		Encina Water Pollution Control Facility	6200 Avenida Encinas	Carlsbad	6200 Avenida Encinas	Carlsbad	92009
9		Hale Ave WWTP			1521 South Hale Ave	Escondido	920293052
9		San Luis Rey WWTP	Oceanside		3950 N. River Rd.	Oceanside	92054
		NALF, SAN CLEMENTE ISLAND WWTP			3300 Nixie Wy, Bldg 50, Ste 326	SAN CLEMENTE ISLAND	92147
7		Valley Sanitary District	45-500 Van Buren St.	Indio	45-500 Van Buren St.	Indio	92201
8		City of Beaumont Waste Water Plant No. 1	715 W. 4th St.	Beaumont	550 East 6th St.	Beaumont	92223
7		Brawley WWTP-NPDES 00-087			5015 Best Rd	Brawley	92227
7		Calexico Water Pollution Control Plant	298 East Anza Rd.	Calexico	608 Heber Ave	Calexico	92231
		COACHELLA SD - NPDES 00-032			1515 6th St.	COACHELLA	92236
		CVWD MID-VALLEY WRF 00-014			P.O. Box 1058	COACHELLA	92236
7		El Centro Wastewater Treatment Plant	2255 La Brucherie Rd.	El Centro	1275 Main St.	El Centro	92243
7		Heber WWTP 00-100			1184 Rockwood Ave	Heber	92249
		HOLTVILLE WWTP			1250 KAMM RD	HOLTVILLE	92250
7		Imperial WPCP 00-040			701 East 14TH St.	Imperial	92251
7		Centinela State Prison WWTP	2302 Brown Rd.	Imperial	P.O. Box 731	Imperial	92251
		NILAND STP 98-017			P.O. Box 40	NILAND	92257
7		Seeley WWTP NPDES 97-049			P.O. Box 161	Seeley	92273
		WESTMORLAND WWTP 98-001			5295 MARTIN RD	WESTMORLAND	92281
		Big Bear Area Regional Wastewater Agency	122 Palomino Dr.	Big Bear City	P.O. Box 517	Big Bear City	92314
		STP, RIX			1990 W AGUA MANSANA RD	COLTON	92324
8		STP		Colton	1201 S. Rancho Rd	Colton	92324
		STP.REDLANDS-CITRUS PLAZA			P.O. Box 3395	Crestline	92325
7		City of Needles WWTF	516 Boadway	Needles	817 3rd. St.	Needles	92363
		SHOSHONE WTF			N OF SHOSHONE HIGH SCHOOL	SHOSHONE	92384
6		Victor Valley Wastewater Reclamation Authority	20111 Shay Rd.	Victorville	20111 Shay Rd.	Victorville	92394
8		Henry N. Wochholz Wastewater Treatment Facility	880 W. County Line Rd.	Yucaipa	P.O. Box 730	Yucaipa	92399
		STP.SAN BERNARDINO			299 CHANDLER PL	SAN BERNARDINO	92408
8		City of Riverside Water Quality Control Plant	5950 Acorn St.	Riverside	5950 Acorn St.	Riverside	92504
		Jurupa CSD, Indian Hills STP			8621 Jurupa Rd.	Riverside	92509
		WTP, CANYON LAKE			81 VIA DE LA VALLE	LAKE ELSINORE	92530
		Elsinor Valley Regional Wastewater Reclamation	18200 Treleven Ave.	Lake Elsinor	P.O. Box 3000	Lake Elsinor	92531
9		Santa Rosa Water Relamation Facility	20266 Washington Ave	Murrieta	P.O. Box 9017	Murrieta	92563
		Sanderson Septage Receiving Station	Sanderson Ave	San Jacinto	P.O. Box 8300	Perris	92572
		STP			P.O. Box 5700	IRVINE	92619-7000
8		WTP, Collins Filter Plant			19352 Taft Ave	Orange	92667
8		WTP,Diemer			3972 Valley View Ave	Yorba Linda	92686
8		Rialto Wastewater Treatment Plant	Rialto	Rialto	501 E. Santa Ave	Bloomington	92782
		Orange County Sanitation District	10844 Ellis Ave	Fountain Valley	10844 Ellis Ave	Fountain Valley	92807
		STP,NORCO			14634 RIVER ROAD	CORONA	92880
8		Lee Lake Water Reclamation Facility	Temescal Canyon Rd.	Corona	22646 Temescal Canyon Rd.	Corona	92883
		Ventura Water Reclamation Facility	1400 Spinnaker Rd.	Ventura	P.O. Box 99	Ventura	93001
4		Santa Clara Wastewater	815 Mission Rock Rd	Santa Paula	P.O. Box 3239	Ventura	93004
4		Hill Canyon WWRP, NPDES			9600 Santa Rosa Rd	Camarillo	93010
4		Camarillo Sanitary Dist. Water Reclamation Plant	150 E Howard Rd		P.O. Box 248	Camarillo	93011
		Olsen Road WWTP	2025 Olsen Rd.	Thousand Oaks	9600 Santa Rosa Rd	Camarillo	93012
4		Camrosa WWRP, NPDES			1900 S Lewis Rd	Camarillo	93012
4		Carpinteria WWTP	5351 Sixth St.	Carpinteria	5351 Sixth St.	Carpinteria	93013
4		Fillmore WWTP, NPDES			250 Central Ave.	Fillmore	93015
4		Moorpark Wastewater Treatment Plant	9550 E. Los Angeles Ave.		7150 Walnut Canyon Rd.	Moorpark	93020
4		Ojai Valley WWTP, NPDES	6363 North Ventura Ave.	Ventura	1072 Tico Rd.	Ojai	93023
		OXNARD WWTP, NPDES			6001 S Perkins Rd	OXNARD	93033
4		Santa Paula WWRP, NPDES			905 Corporation St	Santa Paula	93061
4		Simi Valley WWRP, NPDES	600 West Los Angeles Ave	Simi Valley	2929 Tapo Canyon Rd.	Simi Valley	93063

3	Summerland Sanitary District WWTP	2435 Wallace Ave.	Summerland	P.O. Box 417	Summerland	93067
3	Montecito Sanitary District	910 Channel Dr.	Santa Barbara	910 Channel Dr.	Santa Barbara	93108
3	El Estero Wastewater Treatment Plant	520 E. Yanonali St.	Santa Barbara	520 E. Yanonali St.	Santa Barbara	93110
3	Goleta Sanitary District WWTP	1 William Moffet Pl.	Goleta	P.O. Box 906	Goleta	93116
5	City of Coalinga WWTF	30500 Jayne Ave.	Coalinga	155 W Durian St.	Coalinga	93210
	City of Corcoran WWTF			1033 Chittenden Ave.	Corcoran	93212
	City of Delano WWTF			P.O. Box 939	Delano	93215
5	City of Exeter Wastewater Treatment Plant	1906 W. Myer	Exeter	P.O. Box 237	Exeter	93221
	City of Farnersville WWTF	1 mile SW of South Ventura	Farnersville	909 W Visalia Rd.	Farnersville	93223
	City of Hanford WWTF	1055 Houston Ave.	Hanford	900 S. Tenth Ave.	Hanford	93230
	City of Huron WWTF			16900 Fifth St.	Huron	93234
	Lamont PUD	Bear Mountain Blvd.	Lamont	8624 Segreue Rd.	Lamont	93241
	City of Lemoore WWTF	119 Fox St.	Lemoore	119 Fox St.	Lemoore	93245
	City of Lindsay WWTF			251 Honolulu St.	Lindsay	93247
	CUYAMA CSD WWTP			HIGHWAY 166 & PERKINS RD	NEW CUYAMA	93254
	City of Porterville WWTF	1333 W. Grand Ave.	Porterville	P.O. Box 432	Porterville	93258
	City of Shafter WWTF			336 Pacific Ave	Shafter	93263
	WWTF			P.O. Box 413	TAFT	93268
5	City of Tulare Water Pollution Control Facility	1875 S. West St.	Tulare	1875 S. West St.	Tulare	93274
5 54	City of Visalia WWTP		Visalia	7579 Ave. 288	Visalia	93277
5	City of Wasco WWTF	5410 7th St.	Wasco	P.O. Box 190	Wasco	93280
5 15	Kern Sanitation Authority WWTP	4101 Kimber Ave.	Bakersfield	2700 M St., Ste 500	Bakersfield	93301
15	Valley Communities Inc., WWTF			531 California St.	Bakersfield	93304
15	North of River Sanitation Dist.			5001 Olive Dr.	Bakersfield	93308
5 15	City of Bakersfield WWP #2	1700 E. Planz Rd.	Bakersfield	8101 Ashe Rd.	Bakersfield	93313
3 40	City of San Luis Obispo Water Relamation Facility	San Luis Obispo		35 Prado Rd.	San Luis Obispo	93401
3	Avila Beach CSD	2850 Avila Beach De.	Avila Beach	P.O. Box 309	Avila Beach	93424
3	Lompoc Regional Wastewater Reclamation Plant	1801 W. Central Ave.	Lompoc	1801 W. Central Ave.	Lompoc	93438
3	Morro Bay-Cayucos Wastewater Treatment Plant	160 Atascadero Blvd.	Morro Bay	590 Morrow Bay Blvd.	Morro Bay	93442
3	South San Luis Obispo SD WWTP			1600 Aloha Pl	Oceano	93445
3	Paso Robles WWTP			3400 Sulphur Springs Rd	Paso Robles	93446
3	Heritage Ranch Community Services District	Lake Nacimiento		4870 Heritage Rd.	Paso Robles	93446
	PISMO BEACH WWTP			550 FRADY LN	PISMO BEACH	93449
	SAN SIMEON WWTP			9245 BALBOA	SAN SIMEON	93452
	City of Santa Maria Wastewater Treatment Plant	601 South Black Rd.	Santa Maria	601 South Black Rd.	Santa Maria	93458
6 26	June Lake Public Utilities District	2380 Highway 158	June Lake	P.O. Box 99	June Lake	93529
6 26	Mammoth Community Water District		Mammoth Lakes		Mammoth Lakes	93529
	STALLION SPRINGS WWTF			28500 STALLION SPRINGS DR	TEHACHAPI	93561
	BEAR VALLEY WWTF			29851 LOWER VALLEY ROAD	TEHACHAPI	93561
5 15	City of Tehachapi WWTF	750 Enterprise Way	Tehachapi	115 S Robinson St.	Tehachapi	93561
5 54	Cutler-Orosi Joint Powers Wastewater Authority	40401 Road 120	Cutler	40401 Road 120	Cutler	93615
	London CSD			37835 Kate Rd.	Dinuba	93618
5	City of Dinuba WWTF	6675 Avenue 412		405 East El Monte Way	Dinuba	93618
5	City of Kerman WWTF			850 S. Madera Ave.	Kerman	93630
5	Selma Kingsburg Fowler CSD			P.O. Box 158	Kingsburg	93631
5	City of Los Banos WWTF	17963 W. Henry Miller Ave.	Los Banos	411 Madison Ave.	Los Banos	93635
5	City of Madera WWTP	1308 Road 211/2	Madera	1030 Gateway Ave.	Madera	93637
	City of Mendota WWTF		Mendota	643 Quince St.	Mendota	93640
5 10	City of Reedley Wastewater Treatment Facility	1295 W. Olson Ave.	Reedley	1733 9th St.	Reedley	93654
	City of Sanger WWTF			1700 7th St.	Sanger	93657
5 10	Malaga County WD WWTF			3580 S. Frank St.	Fresno	93725
	SALINAS INDUSTRIAL WTP			426 Work St.	SALINAS	93901
	HIGHLANDS INN WWTP			P.O. Box 1700	CARMEL	93921
	CARMEL AREA WWTP			P.O. Box 221428	CARMEL	93922
	HIGHLANDS SA WWTP			RTE 1	CARMEL HIGHLANDS	93923
3 27	Monterey Regional Treatment Plant			14811 Del Monte Blvd	Marina	93933
2	Burlingame WWTP			1103 Airport Blvd	Burlingame	94010
	NORTH SAN MATEO WWTP			153 LAKE MERCED BLVD	DALY CITY	94015
	MAJ-SAM WWTP			1000 N CABRILLO HWY	HALF MOON BAY	94019
2	Millbrae WPCP			400 East Millbrae Ave	Millbrae	94030
2	SBSA WWTP			1400 Radio Rd.	Redwood City	94065
2	S SF/SAN BRUNO WQCP			195 BELLE AIR ROAD	SOUTH SAN FRANCISCO	94080
43	Sunnyvale WWTP			P.O. Box 3707	Sunnyvale	940883707
	OCEANSIDE WWTP			ROOM 260 CITY HALL	SAN FRANCISCO	94102
	SOUTHEAST PLANT			750 PHELPS STREET	SAN FRANCISCO	941241091
2 43	Palo Alto Regional Water Quality Control Plant	2501 Embarcadero Way	Palo Alto	2501 Embarcadero Way	Palo Alto	94303
2 41	San Mateo WQCP			2050 Detroit Drive	San Mateo	94404
2	Delta Diablo Sanitation District	2500 Pittsburg-Antioch Hwy	Antioch	2500 Pittsburg-Antioch Hwy	Antioch	94509
2	City of Benecia WWTP	615 East 5th St.	Benecia	100 Water Way	Benecia	94510
5 7	Brentwood Wastewater Treatment Plant	325 Sunset Rd.	Brentwood	708 3rd St.	Brentwood	94513
	DISCOVERY BAY TRMT PLANT			1555 River Lake Rd, Suite D226	DISCOVERY BAY	94514
2 1	Union S.D. WWTP			37532 Dusterberry Way	Fremont	94536
2 1	Hayward WPCP			3700 Enterprise Ave.	Hayward	94545
	HAYWARD SHORE MARSH			3010 WEST WINTON AVENUE	HAYWARD	94545
	Hercules WWTP			end of Sycamore Ave.	Hercules	94547
2 7	Livermore Water Reclamation Center	101 W. Jack London Blvd.	Livermore	101 W. Jack London Blvd.	Livermore	94550
2 7	Mt. View Sanitary District	End of Arthur Rd.	Martinez	P.O. Box 2757	Martinez	94553
2 7	Central Contra Costa San. Dist WWTP	5019 Imhoff Place	Martinez	5019 Imhoff Place	Martinez	94553
2 28	Napa Sanitation District WWTP	1515 Soscol Rd	Napa	950 Imola Ave.	Napa	94558
	MOUND PERC. SYSTEM			1501 MILTON ROAD	NAPA	94559
2	Pinole/Hercules Water Pollution Control Plant	11 Tennent Ave	Pinole	2131 Pear St.	Pinole	94564
	PORT COSTA WWTP			CANYON LAKE DRIVE	PORT COSTA	94569
5 48	Rio Vista Wastewater Treatment Facility			P.O. Box 745	Rio Vista	94571
	RODEO SD STP			800 SAN PABLO AVENUE	RODEO	94572
	ST. HELENA WWTF			1480 Main St.	SAINT HELENA	94574
	San Leandro WPCP	3000 Davis St.	San Leandro	3000 Davis St.	San Leandro	94577
2	Oro Loma/Castro Valley Sanitary District WWTP	2600 Grant Rd.	San Lorenzo	2600 Grant Rd.	San Lorenzo	94580
	SUBREGIONAL WWTP			1010 CHADBOURNE ROAD	FAIRFIELD	94585
2	Dublin San Ramon SD WWTP	7399 Johnson Dr.	Pleasanton	7399 Johnson Dr.	Pleasanton	94588
	AMERICAN CANYON, CITY OF WWTP			2185 ELLIOT DR	AMERICAN CANYON	94589
	VALLEJO SFCDD WWTP			450 RYDER STREET	VALLEJO	94590
2	Joint Treatment Plant	7501 Solano Ave	Yountville	6550 Yount St.	Yountville	94599
2 1	EBMUD WPCP	2020 Wake Ave.	Oakland	P.O. Box 24055, MS 702	Oakland	94623-1055

2	7	Richmond WPCP			601 Canal Boulevard	Richmond	94804
2		WCWD WPCP			2377 GARDEN TRACT ROAD	RICHMOND	94806
2		Central Marin Sanitation Agency	1301 Andersen Dr.	San Rafael	1301 Andersen Dr.	San Rafael	94901
2		Las Gallinas Valley Sanitary District STP	300 Smith Ranch Rd	San Rafael	300 Smith Ranch Rd	San Rafael	94903
		PARADISE COVE WWTP			PARADISE DRIVE	TIBURON	94920
2		Tiburon Plant	Mar West St. & Paradise Dr.	Tiburon		Tiburon	94920
		SEAFIRTH STP			END OF SEAFIRTH ROAD	TIBURON	94920
		Bodega Bay PUD			P.O. Box 70	Bodega Bay	94923
2		Sewerage Agency of Southern Marin	450 Sycamore Ave.	Mill Valley	450 Sycamore Ave.	Mill Valley	94941
		NOVATO AND IGNACIO STP			500 Davidson St.	NOVATO	94945
2		City of Petaluma WTP	950 Hopper St.	Petaluma	P.O. Box 777	Petaluma	94952
		SAUSALITO STP			1 FORT BAKER ROAD	SAUSALITO	94965
3	43	South County Regional Authority WWTP	1500 Southside Dr.	Gilroy	1500 Southside Dr.	Gilroy	95020
3	35	Hollister WWTP	2690 San Juan-Hollister Rd	Hollister	375 5th St.	Hollister	95023
3	35	San Juan Baustista WWTP	Third St.	San Juan Baustista	P.O. BOX 1420	San Juan Baustista	95054
		BIG BASIN WWTP			21600 BIG BASIN WY	BOULDER CREEK	95006
3	44	City of Santa Cruz Waterwater Treatment Facility	110 California St.	Santa Cruz	110 California St.	Santa Cruz	95060
3	44	City of Scotts Valley WWTP	700 Lundy Ln.	Scotts Valley	700 Lundy Ln.	Scotts Valley	95066
3	44	City of Watsonville WWTP	410 Panbaker Ln.	Watsonville	P.O. Box 500000	Watsonville	95076
2	43	San Jose/Santa Clara WPCP	700 Los Esteros Rd.	San Jose	700 Los Esteros Rd.	San Jose	95134
		MOUNTAIN HOUSE WWTF -1			222 E. Weber Ave., Rm 3	Stockton	95202
5	39	City of Stockton Regional Wastewater Control Facility	2500 Navy Drive	Stockton	2500 Navy Drive	Stockton	95206
5	39	White Slough Water Pollution Control Facility	12751 North Thornton Rd.	Lodi	1131 South Ham Ln.	Lodi	95242
5	5	San Andreas Sanitary District WWTF	675 Gold Oak Rd.	San Andreas	P.O. Box 666	San Andreas	95249
5	39	Defense Distribution Depot, Sharpe Facility	700 E Roth Rd.	French Camp	P.O. Box 96001	Stockton	95296
5	24	Atwater WWTF	550 Commerce Ave.	Atwater	550 Commerce Ave.	Atwater	95301
5	22	Yosemite National Park WWTP			Foresta Rd (PO Box 208)	El Portal	95318
5		City of Gustine WWTF			P.O. Drawer A	Gustine	95322
5		Sierra Conservation Center	5100 O'Byrnes Ferry Rd.	Jamestown	P.O. Box 497	Jamestown	95327
5		City of Livingston WWTF			P.O. Box 308	Livingston	95334
5	39	City of Manteca WQCF	2450 W. Yosemite Ave.	Manteca	1001 West Center St.	Manteca	95337
5	22	Mariposa WWTP	4956 Miller Rd.		P.O. Box 494	Mariposa	95338
5	24	City of Merced Wastewater Treatment Facility	10260 Gove Rd.	Merced	678 W. 18th St.	Merced	95340
5		Moccasin Creek State Fish Hatchery	Moccasin		P.O. Box 159	Moccasin	95347
5	50	Modesto Water Quality Control Facility	1221 Sutter St	Modesto	1221 Sutter St	Modesto	95351
		WWTF			P.P. Box 905	PLANADA	95365
5	55	Tuolumne Utilities District RWTP	1400 Southgate Dr.	Sonora	P.O. Box 3728	Sonora	95370
5	39	Deuel Vocational institution	23500 Kasson Rd.	Tracy	P.O. Box 400	Tracy	95376
5	39	Tracy Wastewater Treatment Plant	3900 Holly Dr.	Tracy	3900 Holly Dr.	Tracy	95376
5	50	Turlock WWTP			901 S Walnut	Turlock	95380
		WAWONA WWTP			PO BOX 2025, WAWONA STATION	YOSEMITE NATL PARK	95389
1	49	SCWA Graton CSA No. 2	Ross Rd.	Graton	575 Administration Dr.	Santa Rosa	95401
1	49	SCWA Forestville City CSD	Packing House Rd.	Forestville	575 Administration Dr.	Santa Rosa	95401
1	49	SCWA Occidental CSD	Occidental Rd.	Occidental	575 Administration Dr.	Santa Rosa	95401
2	49	Sonoma Valley Treatment Plant	22675 8TH St. East	Sonoma	P.O. Box 11628	Santa Rosa	95406
1	49	Laguna Water Reclamation Facility-City of Santa Rosa	4300 Llano Rd.	Santa Rosa	4300 Llano Rd.	Santa Rosa	95407
1		City of Cloverdale Wastewater Treatment Plant	700 Asti Rd.	Cloverdale	P.O. Box 217	Cloverdale	95425
		COVELO CITY POTW			P.O. Box 65	COVELO	95428
1		Fort Bragg City WWTP			416 North Franklin St.	Fort Bragg	95437
1		Gualala CSD	42455 State Hwy One	The Sea Ranch	P.O. Box 124	Gualala	95445
1		SCWA Russian River CSD	18400 Neely Rd.	Guernville	18400 Neely Rd	Guernville	95446
1		City of Healdsburg WWTP	340 Foreman Ln.	Healdsburg	401 Grove St.	Healdsburg	95448
		Hopland PUD WWTP	25 Center Dr.	Hopland	25 Center Dr.	Hopland	95449
17		Lake Co. SD - Southeast WTP		Clearlake	230A Main St.	Clearlake	95453
17		Lake Co. SD - Northwest WTP		Lakeport	230A Main St.	Clearlake	95453
1	23	Mendocino City CSD	10500 Kelly St.	Mendocino	P.O. Box 1029	Mendocino	95460
1	23	Ukiah City WWTP			300 Seminary Ave.	Ukiah	95482
		SHELTER COVE POTW			9126 Shelter Cove Rd.	WHITEHORN	95489
1		Willits Water Quality Control Plant	300 Sewer Plant Rd.	Willits	111 East Commercial St.	Willits	95490
		WINDSOR, TOWN OF WWTP			8400 WINDSOR RD	WINDSOR	95492
1	12	Greater Eureka Area (Elk River) WWTP	4301 Hilfiker Ln.	Eureka	531 K Street	Eureka	95501
		COLLEGE OF THE REDWOODS, POTW			7351 TOMPKINS HILL RD	EUREKA	95501
1	12	City of Arcata WWTF	600 G St.	Arcata	736 F Street	Arcata	95521
1	12	Manila CSD			1901 Park St.	Arcata	95521
1		McKinleyville CSD WWTP			P.O. Box 2037	McKinleyville	95521
1	8	Crescent City WWTP			377 J Street	Crescent City	95531
		FERNDALE CITY POTW			834 Main St.	FERNDALE	95536
1		Fortuna City WWTP			P.O. Box 545	Fortuna	95540
		LOLETA POTW			P.O. Box 236	LOLETA	95551
1		Rio Dell Wastewater Treatment Plant		Rio Dell	675 Wildwood Ave.	Rio Dell	95562
		REDWAY POTW			153 EMPIRE AVE	REDWAY	95568
31		Placer County SMD No. 3	Auburn-Folsom Rd.	Auburn	11476 'C' Ave, Dewitt Center	Auburn	95603
		SA NO.28, ZONE NO.6			11476 'C' Ave, Dewitt Center	Auburn	95603
5	31	Placer County SMD No. 1 WWTP	11755 Joeger Rd.	Auburn	11755 Joeger Rd.	Auburn	95603
5	31	City of Auburn Wastewater Treatment Plant	10441 Ophir Rd.	Auburn	P.O. Box 6071	Auburn	95604
31		City of Davis WTP	45400 County Rd. 28H	Davis	23 Russell Blvd.	Davis	95616
		Environmental Health (MAIN STP)			UC Davis	DAVIS	95616
		GIBSON CANYON CREEK WWTP			P.O. Box 220	EI Mira	95625
5	48	Easterly Wastewater Treatment Plant	6040 Vaca Station Rd.	Elmira	6040 Vaca Station Rd.	Elmira	95625
5	34	City of Galt Wastewater Treatment Facility	10059 Twin Cities Rd.	Galt	495 Industrial Rd.	Galt	95632
5	3	Jackson S.T.P.			33 Broadway	Jackson	95642
5	9	Hangtown Creek WWTP	2300 Coolwater Creek Rd.	Placerville	2300 Coolwater Creek Rd.	Placerville	95667
5	9	Deer Creek WWTP	Flying "C" Rd.	Cmeron park	2890 Mosquito Rd.	Placerville	95667
5	9	EI Dorado Hills WWTP	Latrobe Rd.	EI Dorado Hills	2890 Mosquito Rd.	Placerville	95667
5	57	City of West Sacramento WTP	1991 South River Rd.	W. Sacramento	1951 South River Rd	West Sacramento	95691
5	31	City of Colfax Waste Water Treatment Plant	23550 Grandview Ave.	Colfax	P.O. Box 702	Colfax	95713
		DONNER SUMMIT WWTP			1 SHERRITT LN	SODA SPRINGS	95728
5	31	Pleasant Grove WWTP			2005 Hilltop Circle	Roseville	95747
5	31	City of Roseville Dry Creek WWTP	1800 Booth Rd.	Roseville	1800 Booth Rd.	Roseville	95747
5	34	Walnut Grove WWTP (CSD1)			8521 Laguna Station Rd.	Elk Grove	95758
5	34	Sacramento Regional WWTP	8521 Laguna Station Rd.	Elk Grove	9660 Ecology Ln.	Sacramento	95758
5	57	Woodland Sewage Treatment Facility	42929 County Road 24	Woodland	42929 County Road 24	Woodland	95776
5	34	Combined Wastewater Control System			1391 35th Ave	Sacramento	95822

5	58	Linda County Water District WWTP	909 Myrna Ave	Marysville	1280 Scales St	Marysville	95901
5	58	Beale AFB Wastewater Treatment Plant	Beale AFB		6451 B ST	Beale Air Force Base	959031708
5	6	Arbuckle Public Utility District	Bailey Rd.	Arbuckle	P.O. Box 207	Arbuckle	95912
5		BIGGS WWTP			P.O. Box 307	BIGGS	95917
5	4	Chico Regional WWTF			4827 Chico River Rd	Chico	95927
5	6	City of Colusa WWTP	End of Will S. Green Rd.	Colusa	425 Webster St.	Colusa	95932
5	29	City of Grass Valley WWTP			125 East Main	Grass Valley	95945
		CITY OF LIVE OAK WWTP			9955 LIVE OAK BLVD	LIVE OAK	95953
5	6	Maxwell PUD WWTF			P.O. Box 294	Maxwell	95955
5	29	Nevada City Wastewater Treatment Plant	650 Jordan	Nevada City	317 Broad St.	Nevada City	95959
5	29	Lake of the Pines WWTP			950 Maidu Ave	Nevada City	95959
5	29	Cascade Shores WWTP			950 Maidu Ave	Nevada City	95959
5	29	Lake Wildwood WWTP			950 Maidu Ave	Nevada City	95959
5		Olivehurst Public Utilities District WWTP	3908 Mary St.	Olivehurst	P.O. Box 670	Olivehurst	95961
5	4	Oroville WWTP	2880 S. 5th St.	Oroville	P.O. Box 1350	Oroville	95965
5	32	Quincy CSD WWTF	900 Spanish Creek Rd	Quincy	900 Spanish Creek Rd	Quincy	95971
		HAMMONTON GOLD VILLAGE WWTP			P.O. Box 334	SMARTVILLE	95977
5	6	Williams WWTP			P.O. BOX 310	Williams	95987
5	11	Willows Wastewater Treatment Plant	1500 S. Tehama	Willows	P.O. Box 864	Willows	95988
5	51	Yuba City Wastewater Treatment Facility		Yuba City	302 Burns Dr.	Yuba City	95993
5	45	Cottonwood WWTP			1855 Placer St.	Redding	96001
		SWA AT MOUNTAIN GATE			20285 RADCLIFF RD	REDDING	96003
5	45	Clear Creek WasteWater Treatment Plant	2200 Metz Rd.	Anderson	2200 Metz Rd.	Anderson	96007
5	45	Stillwater Wastewater Treatment Plant	6475 Airport Rd.	Anderson	6475 Airport Rd.	Anderson	96007
5	45	Clear Creek WTP			Paige Bar Rd	Anderson	96007
5	45	Anderson WPCP			3701 Rupert Rd	Anderson	96007
5	45	Sierra Pacific Industries-Shasta Lake	3735 El Cajon	Shasta Lake	3735 El Cajon	Shasta Lake	96019
5	45	Shasta Lake WWTF			3700 Tibbits Rd	Shasta Lake	96019
5	32	Chester STP			P.O. Box 503	Chester	96020
5	52	Corning Industrial/Domestic WWTF			25010 Gardner Ferry Rd	Corning	96021
		LAKE CALIFORNIA WWTP			22131 LAKE CALIFORNIA DR	COTTONWOOD	96022
2	47	City of Dorris STP			P.O. Box 528	Dorris	96023
5	47	Dunsmuir Wastewater Treatment Plant	1100 South 1st St.	Dunsmuir	5915 Dunsmuir Ave.	Dunsmuir	96025
2	47	Town of Fort Jones			P.O. Box 40	Fort Jones	96032
2	47	Grenada SD			P.O. Box 26	Grenada	96038
1	53	Trinity County Waterworks WWTP	Tule Creek Rd.	Hayfork	P.O. Box 217	Hayfork	96041
2	47	Tennant CSD			13515 Tennant Rd	McDoel	96058
		MINERAL WWTP			37735 HWY 36E	MINERAL	96063
	47	City of Montague	Montague	Montague	P.O. Box 428	Montague	96064
5	47	Mt Shasta WWTP			1551 S Old Stage Rd	Mt Shasta	96067
5	52	Red Bluff WW Relamation Plant			700 Messer Dr	Red Bluff	96080
2	53	Weaverville SD			P.O. Box AR	Weaverville	96093
2	47	Lake Shastina CSD	Hwy 97 & Big Springs Rd	Lake Shastina	16320 Everhart Dr.	Weed	96094
2	47	City of Weed WWTP		Weed	P.O. Box 470	Weed	96094
2	47	City of Yreka WWTP			701 Fourth St.	Yreka	96097
5	25	Alturas Municipal WWTP			200 North St.	Alturas	96101
		JOHNSVILLE WTP			5267 MAIN ST	JOHNSVILLE	96103
		DELLECKER WWTP			HWY 70	DELLECKER	96122
5	32	City of Portola WWTP	City of Portola	Portola	P.O. Box 1225	Portola	96122
6	18	Susanville Consolidate Sanitary District	45 S. Roop St.	Susanville	P.O. Box 152	Susanville	96130
1		Tulelake City WWTP			P.O. Box 847	Tulelake	96134
		Newell CWD	Newell Townsite - Hwy 139	Newell	510 Indio St.	Tulelake	96134
		TAHOE KEYS WATER TRTMNT FACLT			2100 TEXAS AVE	SOUTH LAKE TAHOE	96150

## **List of Acronyms**

BOD<sub>5</sub> - Biochemical Oxygen Demand – 5 day

CSD – Community Services District

CWTRC – California Wastewater Training and Research Center

OSDS – Onsite Sewage Disposal System (Same as onsite wastewater treatment system)

OWTS – Onsite Wastewater Treatment System

PUD – Public Utilities District

RWQCB – Regional Water Quality Control Board

USEPA – United States Environmental Protection Agency

Terms used to describe sewage/wastewater treatment facilities:

POTWS – Publicly Owned Treatment Works

STP – Sewage Treatment Plant

WPCP – Water Pollution Control Plant

WTP – Water Treatment Plant

WWRP – Waste Water Reclamation Plant

WWTF – Waste Water Treatment Facility

WWTP – Waste Water Treatment Plant

Terms used to identify facilities by an assigned number:

NPDES# - National Pollution Discharge Elimination System Number

SWIS # - Solid Waste Identification System Number (assigned by the California Integrated Management Board)

WDID # - Waste Discharge Identification Number (assigned by RWQCB)

WDR# - Waste Discharge Requirement Number (assigned by RWQCB)

## References:

U.S. Environmental Protection Agency (1993) A Guide to the Federal EPA Rule For Land Application of Domestic Septage to Non-Public Contact Sites, United States Environmental Protection Agency, Office of Wastewater Enforcement and Compliance (WH-547), EPA/832-B-92-005, September 1993.

Water Environment Federation (1997) Septage Handling – Manual of Practice, Water Environment Federation, 601 Wythe St., Alexandria, VA.

Bounds, T.R., “Design and Performance of Septic Tanks” (1997), Site Characterization and Design of Onsite Septic Systems ASTM STP 901, M.S. Beginger, A.I. Johnson, and J.S. Fleming, Eds, American Society of Testing Materials, Philadelphia, 1997.

California Water Resources Control Board, (1994), Report of the Technical Advisory Committee for Onsite Sewage Disposal Systems, Sacramento, CA November 1994.

U.S. Environmental Protection Agency (2002) Onsite Wastewater Treatment Systems Manual, Environmental Protection Agency, Office of Water, Washington, DC. (EPA/625/R-00/008), February 2002.

California Wastewater Training and Research Center (2000). Status Report: Onsite Wastewater Systems in California, Final Draft, June 2000, California State University, Chico.

U.S. Environmental Protection Agency (1994) A Plain English Guide to the EPA Part 503 Biosolids Rule, United States Environmental Protection Agency, Office of Wastewater Management, EPA/832/R-93/003

State Water Resources Control Board Water Quality Order No. 2000 - 10 –DWQ (2000) General waste discharge requirements for the discharge of biosolids to land for use as a soil amendment in agricultural, silvicultural, horticultural, and land reclamation activities (general order).



## Appendix I – Health & Safety Code – Septic Tank Pumpers

### CALIFORNIA CODES HEALTH AND SAFETY CODE SECTION 117400-117450

117400. This article shall not apply to any city, town, county, sanitary district, sanitation district, sewer maintenance district or to any agency or institution of the state or the federal government by reason of the cleaning of **septic** tanks, chemical toilets, cesspools, sewage seepage pits or sewage works that are owned and operated by any of these governmental agencies or institutions.

117405. It is unlawful for any person or firm to carry on or engage in the business of the cleaning of **septic** tanks, chemical toilets, cesspools or sewage seepage pits or to dispose of the cleanings therefrom in any city, town, county, or city and county unless he or she or it shall hold an unrevoked registration issued by the local health officer or his or her duly authorized representative of the city, town, county, or city and county for the carrying on of the business.

117410. Except as provided in Section 25163, it is unlawful for any person to clean **septic** tanks, chemical toilets, cesspools or sewage seepage pits or to dispose or aid in the disposal of the cleanings thereof, for any person or firm engaged in the business of cleaning out **septic** tanks, chemical toilets, cesspools or sewage seepage pits or disposing of the cleanings thereof who does not hold an unrevoked registration as provided in this article.

117415. All applications for registration under this article shall be filed with the local health officer in the city, town, county, or city and county in which it is desired to carry on the business. The application shall state the name in full, if a partnership then names of each of the partners, the relation of the applicant to the firm or partnership, the place of business and place of residence of the applicant for registration and of each of the partners in the business, if a partnership, and shall state the exact location of the place at which it is proposed to dispose of cleanings. The application shall be signed by the authorized officer of a corporation, if a corporation; or by the managing partner, if a partnership.

117420. Registration shall be issued only after a satisfactory examination by the health officer or his or her duly authorized representative covering the equipment to be used, the applicant's knowledge of sanitary principles and of the laws and ordinances affecting human health or nuisances, and the reliability of the applicant in observing sanitary laws, ordinances and directions, and in selecting laborers and employees who may clean out **septic** tanks, chemical toilets, cesspools and sewage seepage pits without endangering human health or comfort; and only after examination of the place or places and manner of disposal of the cleanings proposed by the applicant.

117425. The health officer is required to act upon each application within thirty (30) days of the date of filing same.

117430. Registration shall be only for the unexpired portion of the calendar year in which application is made, and at the end of the calendar year all registrations shall become void and of no effect.

117435. (a) Applicants may be registered under any terms, conditions, orders, and directions as the health officer or his or her duly authorized representative may deem necessary for the protection of human health and comfort. Each health officer and his or her duly authorized representative may require any and all persons who are registered with the health officer to clean **septic** tanks, cesspools, or sewage seepage pits or to dispose of the cleanings therefrom, to file with the health officer at any time and at any frequency or intervals as the health officer or duly authorized representative may desire, a statement specifying all of the following:

(1) The name and address of the owner or tenant of each and every one of the premises where a **septic tank**, cesspool, or sewage seepage pit has been cleaned out by the registrant or his or her employees or by others on his or her behalf and the date of each cleaning.

(2) The location where the cleanings are disposed of and by whom.

(3) Discharges of waste that may result in violation of laws or ordinances required to be known by the registrant pursuant to Section 117420.

(b) The health officer may require the statement to be sworn to before a notary.

(c) Any and all persons registered with the health officer to clean **septic** tanks, cesspools, or sewage seepage pits, or to dispose of the cleanings therefrom, shall also provide a statement as required pursuant to paragraph (3) of subdivision (a) to a regional board as defined pursuant to Section 13050 of the Water Code.

117440. A change of address of any registrant including a member of a partnership that is registered and of the place of business thereof shall be reported in writing by registered mail by the registrant within two days after the change of address.

117445. Any registration issued under this article may be revoked by the issuing health officer for cause on 10 days' notice to the applicant. The notice shall be served by registered mail or in person at the latest place of residence or of business reported by the applicant.

117450. Violation of any of the provisions of this article or of any order or orders of a health officer made pursuant to this article for the protection of human health and comfort shall constitute a misdemeanor and shall be punishable by a fine of not less than two hundred dollars (\$200) for each offense or by imprisonment for not less than thirty (30) days or by both the fine and imprisonment.

## **Appendix II – Sample Survey Forms**



**Septage Management Survey - Local Onsite Sewage Treatment Programs  
Septic Tank Pumper/Hauler & Treatment and Disposal Facility Information**

Jurisdiction \_\_\_\_\_

County \_\_\_\_\_

Program manager \_\_\_\_\_

Person completing survey \_\_\_\_\_

Address \_\_\_\_\_

Phone # \_\_\_\_\_ Fax# \_\_\_\_\_

Email Contact \_\_\_\_\_

**Pumper/Hauler Information - please use the most recent information (specify year)** → \_\_\_\_\_

Septage Pumper/Haulers	
Number of permitted/registered Pumpers/Haulers	_____
Number of gallons reported pumped/year	_____
Number of illegal septage dumping incidents/year	_____
Number of Pumper/Hauler vehicles	_____
Number of reported pump events/year	_____

← **Please provide a list of registered pumper/haulers**  
(If do not differentiate between septage & grease trap list all under septage)

Grease Trap Pumper/Haulers	
Number of Grease Trap Pumper/Hauler vehicles	_____
Number of reported pump events/year	_____
Number of gallons reported pumped/year	_____

**Treatment/Disposal Facility Information - please use the most recent information (specify year)** → \_\_\_\_\_

Number of septage treatment or disposal facilities/sites within jurisdiction \_\_\_\_\_

Please list and identify by category - Landfill, Pond/Lagoon, Land Application (surface spreading), Treatment Facility, Sewage/Wastewater Treatment Plant (POTW), Other. Include CIWMB SWIS # or RWQCB Waste Discharge ID #

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# Septage Management Survey - Septage Treatment or Disposal Works

## Landfill, Land Application Facility, Proprietary Treatment Process, Treatment Pond & Other

Name of Facility \_\_\_\_\_

Owner/Operator \_\_\_\_\_

SWRCB Waste Discharge ID # \_\_\_\_\_ CIWMB SWIS# \_\_\_\_\_

County \_\_\_\_\_ Local Agency Permit # \_\_\_\_\_

Facility/Site Location \_\_\_\_\_

GPS coordinates \_\_\_\_\_

Service Area \_\_\_\_\_

Mail Address \_\_\_\_\_

Phone # \_\_\_\_\_ Fax # \_\_\_\_\_

Person completing survey \_\_\_\_\_

Contact Person \_\_\_\_\_

Email Contact \_\_\_\_\_

Type of Facility - please put an "X" in the appropriate box	Facility Information - please enter all information that applies				
Landfill <input type="checkbox"/>	Acreage/Area of site _____				
Land Application (surface spreading) <input type="checkbox"/>	Application Rate gallons/acre/year _____				
Proprietary Treatment Process <input type="checkbox"/>	Gallons received per Year _____				
Pond/Lagoon <input type="checkbox"/>	Gallons treated per year _____				
Other (please describe) <input type="checkbox"/>	Facility capacity gallons/year _____				
_____	Is capacity reserved by contract? <table style="display: inline-table; vertical-align: middle;"><tr><td style="text-align: center;">yes</td><td style="text-align: center;">no</td></tr><tr><td style="text-align: center;"><input type="checkbox"/></td><td style="text-align: center;"><input type="checkbox"/></td></tr></table> % Reserved _____	yes	no	<input type="checkbox"/>	<input type="checkbox"/>
yes	no				
<input type="checkbox"/>	<input type="checkbox"/>				
_____	Is this facility temporary? <input type="checkbox"/>				
Accept Grease Trap Waste(GTW)? <table style="display: inline-table; vertical-align: middle;"><tr><td style="text-align: center;">yes</td><td style="text-align: center;">no</td></tr><tr><td style="text-align: center;"><input type="checkbox"/></td><td style="text-align: center;"><input type="checkbox"/></td></tr></table>	yes	no	<input type="checkbox"/>	<input type="checkbox"/>	Is this facility permanent? <input type="checkbox"/>
yes	no				
<input type="checkbox"/>	<input type="checkbox"/>				
If yes, quantity in gallons/year _____	Projected facility life in years _____				
GTW disposal/treatment charge per gallon _____	Disposal/treatment charge per gallon _____				

Monitoring Program			
Does your facility require/conduct load checking?	YES	NO	Monitoring Frequency & Sample Type
Require analytical monitoring at point of receipt?	<input type="checkbox"/>	<input type="checkbox"/>	Each load <input type="checkbox"/>
Constituents monitored: Heavy metals BOD Other - please list	<input type="checkbox"/>	<input type="checkbox"/>	Daily <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Weekly <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Monthly <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Other <input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	Composite <input type="checkbox"/>
			Grab <input type="checkbox"/>
			Other <input type="checkbox"/>