State Water Project History

1963: San Luis Obispo County Flood Control and Water Conservation District (SLO County) enters into agreement with the Department of Water Resources (DWR) for 25,000 Acre-Feet per Year of State Water Allocation.

1992-1993: 4,830 Acre-Feet of State Water allotted to various SLO County sub-contractors.

1994-1998: Polonio Pass Water Treatment Plant and pipeline design and construction; SLO County contracts with the Central Coast Water Authority (CCWA) for water treatment plant and pipeline operation and maintenance.

1997: Drought buffer agreements established as 'insurance' for dry years: 3,657 Acre-Feet total drought buffer allocated.

July 18, 1997: Water Flows

Sub-contractor	Water Service Amount	Drought Buffer	Total Reserved
Chorro Valley Turnout		*~$1,100 per AF*	
City of Morro Bay	1,313	2,290	3,603
CA Men's Colony	400	400	800
County OP Center	425	425	850
Cuesta College	200	200	400
Lopez Turnout		*~$1,000 per AF*	
City of Pismo Beach	1,240	1,240	2,480
Oceano CSD	750	0	750
San Miguelito MWC	275	275	550
Avila Beach CSD	100	0	100
Avila Valley MWC	20	60	80
San Luis Coastal USD	7	7	14
Shandon	100	0	100
TOTAL	**4,830**	**4,897**	**9,727**

Excess Allocation

Documents and Resources

- State Water Fact Sheet
- Capacity Study
- State Water Project Map - Statewide
- State Water Project Map - Coastal Branch
- Sanitary Survey Update Report 2001
- CCWA 2010 Urban Water Management Plan
- Board of Supervisors Policy on Excess State Water Supply - January 2003

Relations with the Central Coast Water Authority

- Exploring options to maximize use of facilities and allocations.
- Protecting the contractual rights of existing sub-contractor pipeline capacity is critical while exploring options for future use.
- Any new sub-contractor would need to 'Buy In' through

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Alamo Creek	CAR3123008319980825153136	River & Stream	R	5	18060007	31230071	8	Miles
3	Regional Board 3 - Central Coast Region	Alamo Creek	CAR3123008319980825153136	River & Stream	R	5	18060007	31230071	8	Miles
3	Regional Board 3 - Central Coast Region	Alamo Creek	CAR3123008319980825153136	River & Stream	R	5	18060007	31230071	8	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Creek (Monterey County)	CAR3097009519990222130537	River & Stream	R	5	18060011	30970093	16	Miles
3	Regional Board 3 - Central Coast Region	Alisal Slough (Monterey County)	CAR3091101020090311204028	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Alisal Slough (Monterey County)	CAR3091101020090311204028	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Alisal Slough (Monterey County)	CAR3091101020090311204028	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Alisal Slough (Monterey County)	CAR3091101020090311204028	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Aptos Creek	CAR3041302320020319065717	River & Stream	R	5	18060001	30413023	8	Miles
3	Regional Board 3 - Central Coast Region	Aptos Creek	CAR3041302320020319065717	River & Stream	R	5	18060001	30413023	8	Miles
3	Regional Board 3 - Central Coast Region	Aptos Creek	CAR3041302320020319065717	River & Stream	R	5	18060001	30413023	8	Miles
3	Regional Board 3 - Central Coast Region	Aptos Creek	CAR3041302320020319065717	River & Stream	R	5	18060001	30413023	8	Miles
3	Regional Board 3 - Central Coast Region	Aptos Creek	CAR3041302320020319065717	River & Stream	R	5	18060001	30413023	8	Miles
3	Regional Board 3 - Central Coast Region	Aptos Creek	CAR3041302320020319065717	River & Stream	R	5	18060001	30413023	8	Miles
3	Regional Board 3 - Central Coast Region	Aptos Creek	CAR3041302320020319065717	River & Stream	R	5	18060001	30413023	8	Miles
3	Regional Board 3 - Central Coast Region	Arana Gulch	CAR3041205119990222133711	River & Stream	R	5	18060001	30412051	5	Miles
3	Regional Board 3 - Central Coast Region	Arana Gulch	CAR3041205119990222133711	River & Stream	R	5	18060001	30412051	5	Miles
3	Regional Board 3 - Central Coast Region	Arana Gulch	CAR3041205119990222133711	River & Stream	R	5	18060001	30412051	5	Miles
3	Regional Board 3 - Central Coast Region	Arana Gulch	CAR3041205119990222133711	River & Stream	R	5	18060001	30412051	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Burro Creek	CAR3153201019990222134526	River & Stream	R	5	18060013	31532010	6	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Burro Creek	CAR3153201019990222134526	River & Stream	R	5	18060013	31532010	6	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Burro Creek	CAR3153201019990222134526	River & Stream	R	5	18060013	31532010	6	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Burro Creek	CAR3153201019990222134526	River & Stream	R	5	18060013	31532010	6	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Burro Creek	CAR3153201019990222134526	River & Stream	R	5	18060013	31532010	6	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Burro Creek	CAR3153201019990222134526	River & Stream	R	5	18060013	31532010	6	Miles
3	Regional Board 3 - Central Coast Region	Arroyo De La Cruz	CAR3101201320020117141339	River & Stream	R	5	18060006	31012013	11	Miles
3	Regional Board 3 - Central Coast Region	Arroyo De La Cruz	CAR3101201320020117141339	River & Stream	R	5	18060006	31012013	11	Miles
3	Regional Board 3 - Central Coast Region	Arroyo De La Cruz	CAR3101201320020117141339	River & Stream	R	5	18060006	31012013	11	Miles
3	Regional Board 3 - Central Coast Region	Arroyo De La Cruz	CAR3101201320020117141339	River & Stream	R	5	18060006	31012013	11	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Grande Creek (below Lopez Lake)	CAR3103101419980804113947	River & Stream	R	5	18060006	31031020	13	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Grande Creek (below Lopez Lake)	CAR3103101419980804113947	River & Stream	R	5	18060006	31031020	13	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Grande Creek (below Lopez Lake)	CAR3103101419980804113947	River & Stream	R	5	18060006	31031020	13	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Grande Creek (below Lopez Lake)	CAR3103101419980804113947	River & Stream	R	5	18060006	31031020	13	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Grande Creek (below Lopez Lake)	CAR3103101419980804113947	River & Stream	R	5	18060006	31031020	13	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Grande Creek (below Lopez Lake)	CAR3103101419980804113947	River & Stream	R	5	18060006	31031020	13	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Paredon	CAR3153401019990222143223	River & Stream	R	5	18060013	31534010	5	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Seco River	CAR3096003219990222144047	River & Stream	R	5	18060005	30960032	43	Miles
3	Regional Board 3 - Central Coast Region	Arroyo Seco River	CAR3096003219990222144047	River & Stream	R	5	18060005	30960032	43	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (San Luis Obispo County)	CAR3098112419990222145136	River & Stream	R	5	18060005	30981124	5	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (San Luis Obispo County)	CAR3098112419990222145136	River & Stream	R	5	18060005	30981124	5	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Atascadero Creek (San Luis Obispo County)	CAR309811241999022214513 6	River & Stream	R	5	18060005	30981124	5	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	River & Stream	R	5	18060013	31531011	6	Miles
3	Regional Board 3 - Central Coast Region	Beach Road Ditch	CAR305100302008060312383 9	River & Stream	R	5	18060002	30510030	1	Miles
3	Regional Board 3 - Central Coast Region	Beach Road Ditch	CAR305100302008060312383 9	River & Stream	R	5	18060002	30510030	1	Miles
3	Regional Board 3 - Central Coast Region	Beach Road Ditch	CAR305100302008060312383 9	River & Stream	R	5	18060002	30510030	1	Miles
3	Regional Board 3 - Central Coast Region	Beach Road Ditch	CAR305100302008060312383 9	River & Stream	R	5	18060002	30510030	1	Miles
3	Regional Board 3 - Central Coast Region	Beach Road Ditch	CAR305100302008060312383 9	River & Stream	R	5	18060002	30510030	1	Miles
3	Regional Board 3 - Central Coast Region	Beach Road Ditch	CAR305100302008060312383 9	River & Stream	R	5	18060002	30510030	1	Miles
3	Regional Board 3 - Central Coast Region	Beach Road Ditch	CAR305100302008060312383 9	River & Stream	R	5	18060002	30510030	1	Miles
3	Regional Board 3 - Central Coast Region	Bean Creek	CAR304120411999022215225 1	River & Stream	R	4a	18060001	30412041	9	Miles
3	Regional Board 3 - Central Coast Region	Bean Creek	CAR304120411999022215225 1	River & Stream	R	4a	18060001	30412041	9	Miles
3	Regional Board 3 - Central Coast Region	Bean Creek	CAR304120411999022215225 1	River & Stream	R	4a	18060001	30412041	9	Miles
3	Regional Board 3 - Central Coast Region	Bean Creek	CAR304120411999022215225 1	River & Stream	R	4a	18060001	30412041	9	Miles
3	Regional Board 3 - Central Coast Region	Bean Creek	CAR304120411999022215225 1	River & Stream	R	4a	18060001	30412041	9	Miles
3	Regional Board 3 - Central Coast Region	Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	River & Stream	R	4a	18060001	30412030	6	Miles
3	Regional Board 3 - Central Coast Region	Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	River & Stream	R	4a	18060001	30412030	6	Miles
3	Regional Board 3 - Central Coast Region	Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	River & Stream	R	4a	18060001	30412030	6	Miles
3	Regional Board 3 - Central Coast Region	Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	River & Stream	R	4a	18060001	30412030	6	Miles
3	Regional Board 3 - Central Coast Region	Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	River & Stream	R	4a	18060001	30412030	6	Miles
3	Regional Board 3 - Central Coast Region	Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	River & Stream	R	5	18060013	31510013	1	Miles
3	Regional Board 3 - Central Coast Region	Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	River & Stream	R	5	18060013	31510013	1	Miles
3	Regional Board 3 - Central Coast Region	Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	River & Stream	R	5	18060013	31510013	1	Miles
3	Regional Board 3 - Central Coast Region	Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	River & Stream	R	5	18060013	31510013	1	Miles
3	Regional Board 3 - Central Coast Region	Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	River & Stream	R	5	18060013	31510013	1	Miles
3	Regional Board 3 - Central Coast Region	Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	River & Stream	R	5	18060013	31510013	1	Miles
3	Regional Board 3 - Central Coast Region	Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	River & Stream	R	5	18060013	31510013	1	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Bell Creek (Santa Barbara Co)	CAR3151001320050531122629	River & Stream	R	5	18060013	31510013	1	Miles
3	Regional Board 3 - Central Coast Region	Bennett Slough	CAR3060001420080611160605	River & Stream	R	5	18060011	30600014	2	Miles
3	Regional Board 3 - Central Coast Region	Bennett Slough	CAR3060001420080611160605	River & Stream	R	5	18060011	30600014	2	Miles
3	Regional Board 3 - Central Coast Region	Bennett Slough	CAR3060001420080611160605	River & Stream	R	5	18060011	30600014	2	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blanco Drain	CAR3091101019981209161509	River & Stream	R	5	18060011	30911010	15	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Blosser Channel	CAR3121003020011121135941	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Boulder Creek	CAR3041202019990223102514	River & Stream	R	4a	18060001	30412020	8	Miles
3	Regional Board 3 - Central Coast Region	Boulder Creek	CAR3041202019990223102514	River & Stream	R	4a	18060001	30412020	8	Miles
3	Regional Board 3 - Central Coast Region	Boulder Creek	CAR3041202019990223102514	River & Stream	R	4a	18060001	30412020	8	Miles
3	Regional Board 3 - Central Coast Region	Boulder Creek	CAR3041202019990223102514	River & Stream	R	4a	18060001	30412020	8	Miles
3	Regional Board 3 - Central Coast Region	Boulder Creek	CAR3041202019990223102514	River & Stream	R	4a	18060001	30412020	8	Miles
3	Regional Board 3 - Central Coast Region	Boulder Creek	CAR3041202019990223102514	River & Stream	R	4a	18060001	30412020	8	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Canyon Creek	CAR3121003020011121144840	River & Stream	R	5	18060008	31210030	17	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Bradley Channel	CAR3121003020021002233532	River & Stream	R	5	18060008	31210030	3	Miles
3	Regional Board 3 - Central Coast Region	Branciforte Creek	CAR3041205119990223104548	River & Stream	R	5	18060001	30412051	6	Miles
3	Regional Board 3 - Central Coast Region	Branciforte Creek	CAR3041205119990223104548	River & Stream	R	5	18060001	30412051	6	Miles
3	Regional Board 3 - Central Coast Region	Branciforte Creek	CAR3041205119990223104548	River & Stream	R	5	18060001	30412051	6	Miles
3	Regional Board 3 - Central Coast Region	Branciforte Creek	CAR3041205119990223104548	River & Stream	R	5	18060001	30412051	6	Miles
3	Regional Board 3 - Central Coast Region	Branciforte Creek	CAR3041205119990223104548	River & Stream	R	5	18060001	30412051	6	Miles
3	Regional Board 3 - Central Coast Region	Branciforte Creek	CAR3041205119990223104548	River & Stream	R	5	18060001	30412051	6	Miles
3	Regional Board 3 - Central Coast Region	Branciforte Creek	CAR3041205119990223104548	River & Stream	R	5	18060001	30412051	6	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada De La Gaviota	CAR3151003119990223115746	River & Stream	R	5	18060013	31510031	7	Miles
3	Regional Board 3 - Central Coast Region	Canada Del Refugio	CAR3151002219990223132423	River & Stream	R	5	18060013	31510022	7	Miles
3	Regional Board 3 - Central Coast Region	Canada Del Refugio	CAR3151002219990223132423	River & Stream	R	5	18060013	31510022	7	Miles
3	Regional Board 3 - Central Coast Region	Canada Del Refugio	CAR3151002219990223132423	River & Stream	R	5	18060013	31510022	7	Miles
3	Regional Board 3 - Central Coast Region	Canada Del Refugio	CAR3151002219990223132423	River & Stream	R	5	18060013	31510022	7	Miles
3	Regional Board 3 - Central Coast Region	Canada Del Refugio	CAR3151002219990223132423	River & Stream	R	5	18060013	31510022	7	Miles
3	Regional Board 3 - Central Coast Region	Canada Del Refugio	CAR3151002219990223132423	River & Stream	R	5	18060013	31510022	7	Miles
3	Regional Board 3 - Central Coast Region	Canada Del Refugio	CAR3151002219990223132423	River & Stream	R	5	18060013	31510022	7	Miles
3	Regional Board 3 - Central Coast Region	Canada Del Refugio	CAR3151002219990223132423	River & Stream	R	5	18060013	31510022	7	Miles
3	Regional Board 3 - Central Coast Region	Carbonera Creek	CAR3041205319980825105618	River & Stream	R	5	18060001	30412050	10	Miles
3	Regional Board 3 - Central Coast Region	Carbonera Creek	CAR3041205319980825105618	River & Stream	R	5	18060001	30412050	10	Miles
3	Regional Board 3 - Central Coast Region	Carbonera Creek	CAR3041205319980825105618	River & Stream	R	5	18060001	30412050	10	Miles
3	Regional Board 3 - Central Coast Region	Carbonera Creek	CAR3041205319980825105618	River & Stream	R	5	18060001	30412050	10	Miles
3	Regional Board 3 - Central Coast Region	Carbonera Creek	CAR3041205319980825105618	River & Stream	R	5	18060001	30412050	10	Miles
3	Regional Board 3 - Central Coast Region	Carbonera Creek	CAR3041205319980825105618	River & Stream	R	5	18060001	30412050	10	Miles
3	Regional Board 3 - Central Coast Region	Carbonera Creek	CAR3041205319980825105618	River & Stream	R	5	18060001	30412050	10	Miles
3	Regional Board 3 - Central Coast Region	Carbonera Creek	CAR3041205319980825105618	River & Stream	R	5	18060001	30412050	10	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carnadero Creek	CAR3053002019990223155037	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carneros Creek (Monterey County)	CAR3060001020090115165216	River & Stream	R	5	18060011	30600010	12	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR3153402019980825112405	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR3153402019980825112405	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR3153402019980825112405	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR3153402019980825112405	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR3153402019980825112405	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR3153402019980825112405	River & Stream	R	5	18060013	31534020	6	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR315340201998082511240 5	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR315340201998082511240 5	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR315340201998082511240 5	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR315340201998082511240 5	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR315340201998082511240 5	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Creek	CAR315340201998082511240 5	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4	Estuary	E	5	18060013	31534020	188	Acres
3	Regional Board 3 - Central Coast Region	Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4	Estuary	E	5	18060013	31534020	188	Acres
3	Regional Board 3 - Central Coast Region	Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4	Estuary	E	5	18060013	31534020	188	Acres
3	Regional Board 3 - Central Coast Region	Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4	Estuary	E	5	18060013	31534020	188	Acres
3	Regional Board 3 - Central Coast Region	Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4	Estuary	E	5	18060013	31534020	188	Acres
3	Regional Board 3 - Central Coast Region	Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4	Estuary	E	5	18060013	31534020	188	Acres
3	Regional Board 3 - Central Coast Region	Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4	Estuary	E	5	18060013	31534020	188	Acres
3	Regional Board 3 - Central Coast Region	Casmalia Canyon Creek	CAR313000402002011714550 8	River & Stream	R	5	18060009	31300040	5	Miles
3	Regional Board 3 - Central Coast Region	Chesbro Reservoir	CAL305200142002012416225 5	Lake & Reservoir	L	5	18060002	30520014	214	Acres
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Cholame Creek	CAR317000812001112708072 7	River & Stream	R	5	18060004	31700053	9	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chorro Creek	CAR310220121998082512081 7	River & Stream	R	4a	18060006	31022012	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chualar Creek	CAR309190002008060416133 7	River & Stream	R	5	18060011	30919000	14	Miles
3	Regional Board 3 - Central Coast Region	Chumash Creek	CAR310220112002100121351 4	River & Stream	R	5	18060006	31022011	2	Miles
3	Regional Board 3 - Central Coast Region	Cieneguitas Creek	CAR315310112008061216590 8	River & Stream	R	5	18060013	31531011	3	Miles
3	Regional Board 3 - Central Coast Region	Cieneguitas Creek	CAR315310112008061216590 8	River & Stream	R	5	18060013	31531011	3	Miles
3	Regional Board 3 - Central Coast Region	Cieneguitas Creek	CAR315310112008061216590 8	River & Stream	R	5	18060013	31531011	3	Miles
3	Regional Board 3 - Central Coast Region	Cieneguitas Creek	CAR315310112008061216590 8	River & Stream	R	5	18060013	31531011	3	Miles
3	Regional Board 3 - Central Coast Region	Cieneguitas Creek	CAR315310112008061216590 8	River & Stream	R	5	18060013	31531011	3	Miles
3	Regional Board 3 - Central Coast Region	Cieneguitas Creek	CAR315310112008061216590 8	River & Stream	R	5	18060013	31531011	3	Miles
3	Regional Board 3 - Central Coast Region	Cieneguitas Creek	CAR315310112008061216590 8	River & Stream	R	5	18060013	31531011	3	Miles
3	Regional Board 3 - Central Coast Region	Cieneguitas Creek	CAR315310112008061216590 8	River & Stream	R	5	18060013	31531011	3	Miles
3	Regional Board 3 - Central Coast Region	Clear Creek (San Benito County)	CAR305500132002100418114 6	River & Stream	R	4a	18060002	30550013	10	Miles
3	Regional Board 3 - Central Coast Region	Corcoran Lagoon	CAW304130142010081617112 3	Wetland, Freshwater	W	5	18060001	30413014	12	Acres
3	Regional Board 3 - Central Coast Region	Corcoran Lagoon	CAW304130142010081617112 3	Wetland, Freshwater	W	5	18060001	30413014	12	Acres
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Corralitos Creek	CAR305100101999022510270 4	River & Stream	R	5	18060002	30510010	13	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	River & Stream	R	5	18060007	31230060	80	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	River & Stream	R	5	18060007	31230060	80	Miles
3	Regional Board 3 - Central Coast Region	Dairy Creek	CAR3102201019990225114123	River & Stream	R	4a	18060006	31022010	5	Miles
3	Regional Board 3 - Central Coast Region	Dairy Creek	CAR3102201019990225114123	River & Stream	R	4a	18060006	31022010	5	Miles
3	Regional Board 3 - Central Coast Region	Devereux Creek	CAR3153102020080612164650	River & Stream	R	5	18060013	31531020	1	Miles
3	Regional Board 3 - Central Coast Region	Devereux Creek	CAR3153102020080612164650	River & Stream	R	5	18060013	31531020	1	Miles
3	Regional Board 3 - Central Coast Region	Devereux Creek	CAR3153102020080612164650	River & Stream	R	5	18060013	31531020	1	Miles
3	Regional Board 3 - Central Coast Region	Devereux Creek	CAR3153102020080612164650	River & Stream	R	5	18060013	31531020	1	Miles
3	Regional Board 3 - Central Coast Region	Devereux Creek	CAR3153102020080612164650	River & Stream	R	5	18060013	31531020	1	Miles
3	Regional Board 3 - Central Coast Region	Devereux Creek	CAR3153102020080612164650	River & Stream	R	5	18060013	31531020	1	Miles
3	Regional Board 3 - Central Coast Region	Dos Pueblos Canyon Creek	CAR3151001119990225122436	River & Stream	R	5	18060013	31510011	7	Miles
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Elkhorn Slough	CAE3060001419981209073137	Estuary	E	5	18060011	30600014	2034	Acres
3	Regional Board 3 - Central Coast Region	Esperanza Creek	CAR3091101020080604161515	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Lake	CAL3091900020020117151744	Lake & Reservoir	L	5	18060011	30919000	163	Acres
3	Regional Board 3 - Central Coast Region	Espinosa Lake	CAL3091900020020117151744	Lake & Reservoir	L	5	18060011	30919000	163	Acres
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Espinosa Slough	CAR3091101019981230135152	River & Stream	R	5	18060011	30911010	1	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Estrella River	CAR3170007119990225125807	River & Stream	R	5	18060004	31700071	28	Miles
3	Regional Board 3 - Central Coast Region	Fall Creek	CAR3041202219990225133326	River & Stream	R	4a	18060001	30412022	5	Miles
3	Regional Board 3 - Central Coast Region	Fall Creek	CAR3041202219990225133326	River & Stream	R	4a	18060001	30412022	5	Miles
3	Regional Board 3 - Central Coast Region	Fall Creek	CAR3041202219990225133326	River & Stream	R	4a	18060001	30412022	5	Miles
3	Regional Board 3 - Central Coast Region	Fall Creek	CAR3041202219990225133326	River & Stream	R	4a	18060001	30412022	5	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Franklin Creek (Santa Barbara County)	CAR3153402019990225134357	River & Stream	R	5	18060013	31534020	3	Miles
3	Regional Board 3 - Central Coast Region	Furlong Creek	CAR3053002019990222111932	River & Stream	R	5	18060002	30530020	9	Miles
3	Regional Board 3 - Central Coast Region	Furlong Creek	CAR3053002019990222111932	River & Stream	R	5	18060002	30530020	9	Miles
3	Regional Board 3 - Central Coast Region	Furlong Creek	CAR3053002019990222111932	River & Stream	R	5	18060002	30530020	9	Miles
3	Regional Board 3 - Central Coast Region	Furlong Creek	CAR3053002019990222111932	River & Stream	R	5	18060002	30530020	9	Miles
3	Regional Board 3 - Central Coast Region	Furlong Creek	CAR3053002019990222111932	River & Stream	R	5	18060002	30530020	9	Miles
3	Regional Board 3 - Central Coast Region	Furlong Creek	CAR3053002019990222111932	River & Stream	R	5	18060002	30530020	9	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gabilan Creek	CAR3091900019990304092345	River & Stream	R	5	18060005	30919000	6	Miles
3	Regional Board 3 - Central Coast Region	Gallighan Slough	CAR3051003020080616145053	River & Stream	R	4a	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Glen Annie Canyon	CAR3153102019990304102735	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Goleta Slough/Estuary	CAE3153102019981209141309	Estuary	E	5	18060013	31531020	196	Acres
3	Regional Board 3 - Central Coast Region	Goleta Slough/Estuary	CAE3153102019981209141309	Estuary	E	5	18060013	31531020	196	Acres
3	Regional Board 3 - Central Coast Region	Goleta Slough/Estuary	CAE3153102019981209141309	Estuary	E	5	18060013	31531020	196	Acres
3	Regional Board 3 - Central Coast Region	Goleta Slough/Estuary	CAE3153102019981209141309	Estuary	E	5	18060013	31531020	196	Acres
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	River & Stream	R	5	18060008	31210030	4	Miles
3	Regional Board 3 - Central Coast Region	Hanson Slough	CAR3051003020080616145237	River & Stream	R	4a	18060002	30510030	1	Miles
3	Regional Board 3 - Central Coast Region	Harkins Slough	CAR3051001320080603122917	River & Stream	R	5	18060002	30510013	7	Miles
3	Regional Board 3 - Central Coast Region	Harkins Slough	CAR3051001320080603122917	River & Stream	R	5	18060002	30510013	7	Miles
3	Regional Board 3 - Central Coast Region	Harkins Slough	CAR3051001320080603122917	River & Stream	R	5	18060002	30510013	7	Miles
3	Regional Board 3 - Central Coast Region	Hernandez Reservoir	CAL3055001619980828154910	Lake & Reservoir	L	4a	18060002	30550016	626	Acres
3	Regional Board 3 - Central Coast Region	Jalama Creek	CAR3151005119990304115034	River & Stream	R	5	18060013	31510051	10	Miles
3	Regional Board 3 - Central Coast Region	Jalama Creek	CAR3151005119990304115034	River & Stream	R	5	18060013	31510051	10	Miles
3	Regional Board 3 - Central Coast Region	Jalama Creek	CAR3151005119990304115034	River & Stream	R	5	18060013	31510051	10	Miles
3	Regional Board 3 - Central Coast Region	Jalama Creek	CAR3151005119990304115034	River & Stream	R	5	18060013	31510051	10	Miles
3	Regional Board 3 - Central Coast Region	Kings Creek	CAR3041201119990304115830	River & Stream	R	4a	18060001	30412011	4	Miles
3	Regional Board 3 - Central Coast Region	Kings Creek	CAR3041201119990304115830	River & Stream	R	4a	18060001	30412011	4	Miles
3	Regional Board 3 - Central Coast Region	Kings Creek	CAR3041201119990304115830	River & Stream	R	4a	18060001	30412011	4	Miles
3	Regional Board 3 - Central Coast Region	Kings Creek	CAR3041201119990304115830	River & Stream	R	4a	18060001	30412011	4	Miles
3	Regional Board 3 - Central Coast Region	Kings Creek	CAR3041201119990304115830	River & Stream	R	4a	18060001	30412011	4	Miles
3	Regional Board 3 - Central Coast Region	Las Tablas Creek	CAR3098129319980825123721	River & Stream	R	5	18060005	30981293	6	Miles
3	Regional Board 3 - Central Coast Region	Las Tablas Creek, North Fork	CAR3098129019980828104645	River & Stream	R	5	18060005	30981290	6	Miles
3	Regional Board 3 - Central Coast Region	Las Tablas Creek, South Fork	CAR3098129019980828110227	River & Stream	R	5	18060006	30981290	5	Miles
3	Regional Board 3 - Central Coast Region	Little Oso Flaco Creek	CAR3121003020080611165546	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Little Oso Flaco Creek	CAR3121003020080611165546	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Little Oso Flaco Creek	CAR3121003020080611165546	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Little Oso Flaco Creek	CAR3121003020080611165546	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Little Oso Flaco Creek	CAR3121003020080611165546	River & Stream	R	5	18060008	31210030	2	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (above Chesbro Reservoir)	CAR3052001419980826100148	River & Stream	R	5	18060002	30520014	9	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (above Chesbro Reservoir)	CAR3052001419980826100148	River & Stream	R	5	18060002	30520014	9	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles

2010 California 303(d) List of Water Quality Limited Segments*

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REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	River & Stream	R	5	18060002	30530020	16	Miles
3	Regional Board 3 - Central Coast Region	Lockhart Gulch	CAR3041204119990304141558	River & Stream	R	5	18060001	30412041	3	Miles
3	Regional Board 3 - Central Coast Region	Lockhart Gulch	CAR3041204119990304141558	River & Stream	R	5	18060001	30412041	3	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Lompico Creek	CAR3041204019980826100810	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR3103102319990304143314	River & Stream	R	5	18060008	31031023	13	Miles
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR3103102319990304143314	River & Stream	R	5	18060008	31031023	13	Miles
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR3103102319990304143314	River & Stream	R	5	18060008	31031023	13	Miles
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR3103102319990304143314	River & Stream	R	5	18060008	31031023	13	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR310310231999030414331 4	River & Stream	R	5	18060008	31031023	13	Miles
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR310310231999030414331 4	River & Stream	R	5	18060008	31031023	13	Miles
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR310310231999030414331 4	River & Stream	R	5	18060008	31031023	13	Miles
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR310310231999030414331 4	River & Stream	R	5	18060008	31031023	13	Miles
3	Regional Board 3 - Central Coast Region	Los Berros Creek	CAR310310231999030414331 4	River & Stream	R	5	18060008	31031023	13	Miles
3	Regional Board 3 - Central Coast Region	Los Carneros Creek	CAR315310201999030414365 8	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Los Carneros Creek	CAR315310201999030414365 8	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Los Carneros Creek	CAR315310201999030414365 8	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Los Carneros Creek	CAR315310201999030414365 8	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Los Carneros Creek	CAR315310201999030414365 8	River & Stream	R	5	18060013	31531020	6	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Los Osos Creek	CAR310230121998082610283 3	River & Stream	R	5	18060006	31023012	4	Miles
3	Regional Board 3 - Central Coast Region	Love Creek	CAR304120211999030414410 4	River & Stream	R	5	18060001	30412021	4	Miles
3	Regional Board 3 - Central Coast Region	Love Creek	CAR304120211999030414410 4	River & Stream	R	5	18060001	30412021	4	Miles
3	Regional Board 3 - Central Coast Region	Love Creek	CAR304120211999030414410 4	River & Stream	R	5	18060001	30412021	4	Miles
3	Regional Board 3 - Central Coast Region	Love Creek	CAR304120211999030414410 4	River & Stream	R	5	18060001	30412021	4	Miles
3	Regional Board 3 - Central Coast Region	Love Creek	CAR304120211999030414410 4	River & Stream	R	5	18060001	30412021	4	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR312100302002081911080 3	River & Stream	R	5	18060008	31210030	5	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR3121003020020819110803	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR3121003020020819110803	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR3121003020020819110803	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR3121003020020819110803	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR3121003020020819110803	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR3121003020020819110803	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR3121003020020819110803	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Main Street Canal	CAR3121003020020819110803	River & Stream	R	5	18060008	31210030	5	Miles
3	Regional Board 3 - Central Coast Region	Majors Creek (Monterey County)	CAR3095004220090226140639	River & Stream	R	5	18060012	30950042	1	Miles
3	Regional Board 3 - Central Coast Region	Majors Creek (Monterey County)	CAR3095004220090226140639	River & Stream	R	5	18060012	30950042	1	Miles
3	Regional Board 3 - Central Coast Region	Majors Creek (Monterey County)	CAR3095004220090226140639	River & Stream	R	5	18060012	30950042	1	Miles
3	Regional Board 3 - Central Coast Region	Majors Creek (Monterey County)	CAR3095004220090226140639	River & Stream	R	5	18060012	30950042	1	Miles
3	Regional Board 3 - Central Coast Region	Majors Creek (Monterey County)	CAR3095004220090226140639	River & Stream	R	5	18060012	30950042	1	Miles
3	Regional Board 3 - Central Coast Region	Majors Creek (Monterey County)	CAR3095004220090226140639	River & Stream	R	5	18060012	30950042	1	Miles
3	Regional Board 3 - Central Coast Region	Majors Creek (Monterey County)	CAR3095004220090226140639	River & Stream	R	5	18060012	30950042	1	Miles
3	Regional Board 3 - Central Coast Region	Majors Creek (Monterey County)	CAR3095004220090226140639	River & Stream	R	5	18060012	30950042	1	Miles
3	Regional Board 3 - Central Coast Region	Maria Ygnacio Creek	CAR3153102020080612165648	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	Maria Ygnacio Creek	CAR3153102020080612165648	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	Maria Ygnacio Creek	CAR3153102020080612165648	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	Maria Ygnacio Creek	CAR3153102020080612165648	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	Maria Ygnacio Creek	CAR3153102020080612165648	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	McEnery Spring	CAR3041204120100620215953	River & Stream	R	5	18060001	30412040	0	Miles
3	Regional Board 3 - Central Coast Region	McGowan Ditch	CAR3051003020100620223644	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Merrit Ditch	CAR3091101020080604152147	River & Stream	R	5	18060011	30911010	0	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Millers Canal	CAR3053002020080603171000	River & Stream	R	5	18060002	30530020	2	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Mission Creek (Santa Barbara County)	CAR3153201119980826110307	River & Stream	R	5	18060013	31532011	9	Miles
3	Regional Board 3 - Central Coast Region	Monterey Harbor	CAB3091201419980827160747	Bay & Harbor	B	5	18060012	30950042	76	Acres
3	Regional Board 3 - Central Coast Region	Monterey Harbor	CAB3091201419980827160747	Bay & Harbor	B	5	18060012	30950042	76	Acres
3	Regional Board 3 - Central Coast Region	Moore Creek	CAR3041103120080602125209	River & Stream	R	5	18060001	30411031	2	Miles
3	Regional Board 3 - Central Coast Region	Moore Creek	CAR3041103120080602125209	River & Stream	R	5	18060001	30411031	2	Miles
3	Regional Board 3 - Central Coast Region	Moore Creek	CAR3041103120080602125209	River & Stream	R	5	18060001	30411031	2	Miles
3	Regional Board 3 - Central Coast Region	Moore Creek	CAR3041103120080602125209	River & Stream	R	5	18060001	30411031	2	Miles
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Moro Cojo Slough	CAE3060001519981209132246	Estuary	E	5	18060011	30913011	62	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Morro Bay	CAB3102201219980827141506	Bay & Harbor	B	5	18060006	31022012	1922	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Moss Landing Harbor	CAB3060001419981214121135	Bay & Harbor	B	5	18060011	30600014	79	Acres
3	Regional Board 3 - Central Coast Region	Mountain Charlie Gulch	CAR3041204020020124160454	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Mountain Charlie Gulch	CAR3041204020020124160454	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Mountain Charlie Gulch	CAR3041204020020124160454	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Mountain Charlie Gulch	CAR3041204020020124160454	River & Stream	R	5	18060001	30412040	4	Miles
3	Regional Board 3 - Central Coast Region	Nacimiento Reservoir	CAL3098200019981214171711	Lake & Reservoir	L	5	18060005	30982000	5736	Acres
3	Regional Board 3 - Central Coast Region	Nacimiento Reservoir	CAL3098200019981214171711	Lake & Reservoir	L	5	18060005	30982000	5736	Acres
3	Regional Board 3 - Central Coast Region	Nacimiento Reservoir	CAL3098200019981214171711	Lake & Reservoir	L	5	18060005	30982000	5736	Acres
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR3091101020050531125140	River & Stream	R	5	18060011	30911010	7	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Natividad Creek	CAR309110102005053112514 0	River & Stream	R	5	18060011	30911010	7	Miles
3	Regional Board 3 - Central Coast Region	Newell Creek (Lower)	CAR304120312002021917075 2	River & Stream	R	5	18060001	30412031	2	Miles
3	Regional Board 3 - Central Coast Region	Newell Creek (Upper)	CAR304120312002012411580 8	River & Stream	R	5	18060001	30412031	4	Miles
3	Regional Board 3 - Central Coast Region	Newell Creek (Upper)	CAR304120312002012411580 8	River & Stream	R	5	18060001	30412031	4	Miles
3	Regional Board 3 - Central Coast Region	Newell Creek (Upper)	CAR304120312002012411580 8	River & Stream	R	5	18060001	30412031	4	Miles
3	Regional Board 3 - Central Coast Region	Newell Creek (Upper)	CAR304120312002012411580 8	River & Stream	R	5	18060001	30412031	4	Miles
3	Regional Board 3 - Central Coast Region	Newell Creek (Upper)	CAR304120312002012411580 8	River & Stream	R	5	18060001	30412031	4	Miles
3	Regional Board 3 - Central Coast Region	Newell Creek (Upper)	CAR304120312002012411580 8	River & Stream	R	5	18060001	30412031	4	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nipomo Creek	CAR312100112001112912491 1	River & Stream	R	5	18060008	31210011	9	Miles
3	Regional Board 3 - Central Coast Region	Nobel Gulch Creek	CAR304130142008060312212 7	River & Stream	R	5	18060001	30413014	2	Miles
3	Regional Board 3 - Central Coast Region	North Main Street Channel	CAR312100302008062011104 5	River & Stream	R	5	18060008	31210030	1	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR309110102008061114551 8	River & Stream	R	5	18060011	30911010	4	Miles

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River	CAR3091101020080611145518	River & Stream	R	5	18060011	30911010	4	Miles
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Old Salinas River Estuary	CAE3060001419981214143807	Estuary	E	5	18060011	30911010	16	Acres
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Orcutt Creek	CAR3121003020011129154708	River & Stream	R	5	18060008	31210030	10	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Creek	CAR3121003020020124122144	River & Stream	R	5	18060008	31210030	6	Miles
3	Regional Board 3 - Central Coast Region	Oso Flaco Lake	CAL3121003020011121102545	Lake & Reservoir	L	5	18060008	31210030	56	Acres
3	Regional Board 3 - Central Coast Region	Oso Flaco Lake	CAL3121003020011121102545	Lake & Reservoir	L	5	18060008	31210030	56	Acres
3	Regional Board 3 - Central Coast Region	Oso Flaco Lake	CAL3121003020011121102545	Lake & Reservoir	L	5	18060008	31210030	56	Acres
3	Regional Board 3 - Central Coast Region	Pacheco Creek	CAR3053002020020103133745	River & Stream	R	5	18060002	30540021	25	Miles
3	Regional Board 3 - Central Coast Region	Pacheco Creek	CAR3053002020020103133745	River & Stream	R	5	18060002	30540021	25	Miles
3	Regional Board 3 - Central Coast Region	Pacheco Creek	CAR3053002020020103133745	River & Stream	R	5	18060002	30540021	25	Miles
3	Regional Board 3 - Central Coast Region	Pacheco Creek	CAR3053002020020103133745	River & Stream	R	5	18060002	30540021	25	Miles
3	Regional Board 3 - Central Coast Region	Pacheco Creek	CAR3053002020020103133745	River & Stream	R	5	18060002	30540021	25	Miles
3	Regional Board 3 - Central Coast Region	Pacheco Creek	CAR3053002020020103133745	River & Stream	R	5	18060002	30540021	25	Miles
3	Regional Board 3 - Central Coast Region	Pacheco Creek	CAR3053002020020103133745	River & Stream	R	5	18060002	30540021	25	Miles
3	Regional Board 3 - Central Coast Region	Pacheco Creek	CAR3053002020020103133745	River & Stream	R	5	18060002	30540021	25	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean (Point Ano Nuevo to Soquel Point)	CAO3041102220090612082544	Ocean	O	5	18060001	30411022	26832	Acres
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	CAX3153201020020107155347	Coastal & Bay Shoreline	C	5	18060013	31532010	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	CAX3153201020020107155347	Coastal & Bay Shoreline	C	5	18060013	31532010	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Avila Beach (Avila Pier)	CAC3102402120100404115848	Coastal & Bay Shoreline	C	5	18060006	31024021	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Avila Beach (Avila Pier)	CAC3102402120100404115848	Coastal & Bay Shoreline	C	5	18060006	31024021	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Avila Beach (SLO creek mouth)	CAC3102402120100404162226	Coastal & Bay Shoreline	C	5	18060006	31024021	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Coastal & Bay Shoreline	C	5	18060001	304130104	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Coastal & Bay Shoreline	C	5	18060001	304130104	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Coastal & Bay Shoreline	C	5	18060001	304130104	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Coastal & Bay Shoreline	C	5	18060001	304130104	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Coastal & Bay Shoreline	C	5	18060001	304130104	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Coastal & Bay Shoreline	C	5	18060001	304130104	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Coastal & Bay Shoreline	C	5	18060001	304130104	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)	CAX3153402020021001211616	Coastal & Bay Shoreline	C	5	18060013	31534020	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Cayucos (Cayucos Creek Mouth)	CAC3101601020100414170217	Coastal & Bay Shoreline	C	5	18060006	31016010	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Coastal & Bay Shoreline	C	5	18060013	31532011	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Coastal & Bay Shoreline	C	5	18060013	31532011	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Coastal & Bay Shoreline	C	5	18060013	31532011	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Coastal & Bay Shoreline	C	5	18060013	31532011	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Coastal & Bay Shoreline	C	5	18060013	31532011	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Coastal & Bay Shoreline	C	5	18060013	31532011	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at East Beach (mouth of Sycamore Creek, Santa Barbara County)	CAX3153201220021002193849	Coastal & Bay Shoreline	C	5	18060013	31532012	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Goleta Beach (Santa Barbara County)	CAX3153102020021002211230	Coastal & Bay Shoreline	C	5	18060013	31531020	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Hammonds Beach (Santa Barbara County)	CAX3153301020021002211858	Coastal & Bay Shoreline	C	5	18060013	31533010	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Hammonds Beach (Santa Barbara County)	CAX3153301020021002211858	Coastal & Bay Shoreline	C	5	18060013	31533010	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Haskells Beach (Santa Barbara County)	CAC3151001220070328183439	Coastal & Bay Shoreline	C	5	18060013	31510012	0	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	CAX31532010200210022130 53	Coastal & Bay Shoreline	C	5	18060013	31532010	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	CAX31532010200210022130 53	Coastal & Bay Shoreline	C	5	18060013	31532010	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Coastal & Bay Shoreline	C	5	18060013	31510051	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Coastal & Bay Shoreline	C	5	18060013	31510051	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Coastal & Bay Shoreline	C	5	18060013	31510051	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Coastal & Bay Shoreline	C	5	18060013	31510051	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Coastal & Bay Shoreline	C	5	18060013	31510051	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Coastal & Bay Shoreline	C	5	18060013	31510051	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Leadbetter Beach (Santa Barbara County)	CAX31532011200210022145 53	Coastal & Bay Shoreline	C	5	18060013	31532011	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Ocean Beach (Santa Barbara County)	CAX31410050200210022200 06	Coastal & Bay Shoreline	C	5	18060010	31410050	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Ocean Beach (Santa Barbara County)	CAX31410050200210022200 06	Coastal & Bay Shoreline	C	5	18060010	31410050	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Olde Port Beach (at restrooms)	CAC31025012201004041642 19	Coastal & Bay Shoreline	C	5	18060006	31025012	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Pismo State Beach (San Luis Obispo County), south of Pismo Pier	CAC31026014201006221647 04	Coastal & Bay Shoreline	C	5	18060006	31026014	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	CAX31534012200003261349 41	Coastal & Bay Shoreline	C	5	18060013	31534012	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	CAX31534012200003261349 41	Coastal & Bay Shoreline	C	5	18060013	31534012	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Refugio Beach (Santa Barbara County)	CAX31510022200210022214 32	Coastal & Bay Shoreline	C	5	18060013	31510022	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Refugio Beach (Santa Barbara County)	CAX31510022200210022214 32	Coastal & Bay Shoreline	C	5	18060013	31510022	0	Miles
3	Regional Board 3 - Central Coast Region	Pacific Ocean at Stillwater Cove Beach	CAC30950042200412141747 39	Coastal & Bay Shoreline	C	5	18060012	30950042	0	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR30510030199808261151 52	River & Stream	R	5	18060002	30510030	32	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pajaro River	CAR305100301998082611515 2	River & Stream	R	5	18060002	30510030	32	Miles
3	Regional Board 3 - Central Coast Region	Pennington Creek	CAR310220112002012412380 9	River & Stream	R	5	18060006	31022011	5	Miles
3	Regional Board 3 - Central Coast Region	Pico Creek	CAR310130202002012412500 5	River & Stream	R	5	18060006	31013020	1	Miles
3	Regional Board 3 - Central Coast Region	Pico Creek	CAR310130202002012412500 5	River & Stream	R	5	18060006	31013020	1	Miles
3	Regional Board 3 - Central Coast Region	Pico Creek	CAR310130202002012412500 5	River & Stream	R	5	18060006	31013020	1	Miles
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pinto Lake	CAL305100302002012412280 7	Lake & Reservoir	L	5	18060002	30510030	115	Acres
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR310260142002012412514 4	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR310260142002012412514 4	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR310260142002012412514 4	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR310260142002012412514 4	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR310260142002012412514 4	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR310260142002012412514 4	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR310260142002012412514 4	River & Stream	R	5	18060006	31026014	5	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Pismo Creek	CAR3102601420020124125144	River & Stream	R	5	18060006	31026014	5	Miles
3	Regional Board 3 - Central Coast Region	Porter Gulch Creek	CAR3041301320080603122516	River & Stream	R	5	18060001	30413013	2	Miles
3	Regional Board 3 - Central Coast Region	Porter Gulch Creek	CAR3041301320080603122516	River & Stream	R	5	18060001	30413013	2	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Prefumo Creek	CAR3102401220020124125422	River & Stream	R	5	18060006	31024012	8	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles
3	Regional Board 3 - Central Coast Region	Quail Creek	CAR3091900020011227140647	River & Stream	R	5	18060011	30919000	4	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Rider Creek	CAR3051001019981207100234	River & Stream	R	4a	18060002	30510010	2	Miles
3	Regional Board 3 - Central Coast Region	Rider Creek	CAR3051001019981207100234	River & Stream	R	4a	18060002	30510010	2	Miles
3	Regional Board 3 - Central Coast Region	Rider Creek	CAR3051001019981207100234	River & Stream	R	4a	18060002	30510010	2	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rincon Creek	CAR3153401220020124130528	River & Stream	R	5	18060013	31534012	10	Miles
3	Regional Board 3 - Central Coast Region	Rodeo Creek Gulch	CAR3041301420020124131242	River & Stream	R	5	18060001	30413014	6	Miles
3	Regional Board 3 - Central Coast Region	Rodeo Creek Gulch	CAR3041301420020124131242	River & Stream	R	5	18060001	30413014	6	Miles
3	Regional Board 3 - Central Coast Region	Romero Creek	CAR3153301120080612170700	River & Stream	R	5	18060013	31533011	5	Miles
3	Regional Board 3 - Central Coast Region	Romero Creek	CAR3153301120080612170700	River & Stream	R	5	18060013	31533011	5	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR3091101019980828112229	River & Stream	R	5	18060011	30911010	8	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas Reclamation Canal	CAR309110101998082811222 9	River & Stream	R	5	18060011	30911010	8	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	River & Stream	R	5	18060011	30917000	31	Miles

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3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles

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3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR3091101020021007193102	River & Stream	R	5	18060011	30917000	31	Miles

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3	Regional Board 3 - Central Coast Region	Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	River & Stream	R	5	18060011	30917000	31	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	River & Stream	R	5	18060005	30917000	72	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	River & Stream	R	5	18060005	30981112	49	Miles

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3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR3098117720020319112226	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR3098117720020319112226	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR3098117720020319112226	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR3098117720020319112226	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR3098117720020319112226	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR3098117720020319112226	River & Stream	R	5	18060005	30981112	49	Miles
3	Regional Board 3 - Central Coast Region	Salinas River Lagoon (North)	CAE3091101019980828143232	Estuary	E	5	18060011	30911010	197	Acres
3	Regional Board 3 - Central Coast Region	Salinas River Lagoon (North)	CAE3091101019980828143232	Estuary	E	5	18060011	30911010	197	Acres
3	Regional Board 3 - Central Coast Region	Salinas River Refuge Lagoon (South)	CAE3091101019981209125800	Estuary	E	5	18060011	30911010	30	Acres
3	Regional Board 3 - Central Coast Region	Salinas River Refuge Lagoon (South)	CAE3091101019981209125800	Estuary	E	5	18060011	30911010	30	Acres
3	Regional Board 3 - Central Coast Region	Salinas River Refuge Lagoon (South)	CAE3091101019981209125800	Estuary	E	5	18060011	30911010	30	Acres
3	Regional Board 3 - Central Coast Region	Salinas River Refuge Lagoon (South)	CAE3091101019981209125800	Estuary	E	5	18060011	30911010	30	Acres
3	Regional Board 3 - Central Coast Region	Salinas River Refuge Lagoon (South)	CAE3091101019981209125800	Estuary	E	5	18060011	30911010	30	Acres
3	Regional Board 3 - Central Coast Region	Salinas River Refuge Lagoon (South)	CAE3091101019981209125800	Estuary	E	5	18060011	30911010	30	Acres
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Barbara County)	CAR3142002320080612154159	River & Stream	R	5	18060013	31420023	9	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Barbara County)	CAR3142002320080612154159	River & Stream	R	5	18060013	31420023	9	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Barbara County)	CAR3142002320080612154159	River & Stream	R	5	18060013	31420023	9	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Barbara County)	CAR3142002320080612154159	River & Stream	R	5	18060013	31420023	9	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Barbara County)	CAR3142002320080612154159	River & Stream	R	5	18060013	31420023	9	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Barbara County)	CAR3142002320080612154159	River & Stream	R	5	18060013	31420023	9	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Salsipuedes Creek (Santa Cruz County)	CAR3051003020080603123522	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	River & Stream	R	5	18060009	31300050	14	Miles
3	Regional Board 3 - Central Coast Region	San Antonio Reservoir	CAL3098300020080114173957	Lake & Reservoir	L	5	18060005	30983000	5417	Acres
3	Regional Board 3 - Central Coast Region	San Antonio River (below San Antonio Reservoir)	CAR3098100520080114174629	River & Stream	R	5	18060005	30981005	11	Miles
3	Regional Board 3 - Central Coast Region	San Antonio River (below San Antonio Reservoir)	CAR3098100520080114174629	River & Stream	R	5	18060005	30981005	11	Miles
3	Regional Board 3 - Central Coast Region	San Antonio River (below San Antonio Reservoir)	CAR3098100520080114174629	River & Stream	R	5	18060005	30981005	11	Miles
3	Regional Board 3 - Central Coast Region	San Antonio River (below San Antonio Reservoir)	CAR3098100520080114174629	River & Stream	R	5	18060005	30981005	11	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Benito River	CAR3053002019981207091641	River & Stream	R	5	18060002	30530020	86	Miles
3	Regional Board 3 - Central Coast Region	San Bernardo Creek	CAR3102201220020124134314	River & Stream	R	5	18060006	31022012	7	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	River & Stream	R	5	18060013	31531010	10	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Juan Creek (San Benito County)	CAR3052005020090204001958	River & Stream	R	5	18060002	30520050	7	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	River & Stream	R	5	18060005	30970023	49	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River	CAR3041202219980827084709	River & Stream	R	5	18060001	30412022	27	Miles
3	Regional Board 3 - Central Coast Region	San Lorenzo River Lagoon	CAE3041205319980828094349	Estuary	E	5	18060001	30412053	66	Acres
3	Regional Board 3 - Central Coast Region	San Lorenzo River Lagoon	CAE3041205319980828094349	Estuary	E	5	18060001	30412053	66	Acres

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REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (above Osos Street)	CAR310240111990824143123	River & Stream	R	5	18060006	31024011	2	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luis Obispo Creek (below Osos Street)	CAR310240211990828115513	River & Stream	R	5	18060006	31024012	10	Miles
3	Regional Board 3 - Central Coast Region	San Luisito Creek	CAR310220112002012414110 7	River & Stream	R	5	18060006	31022011	7	Miles
3	Regional Board 3 - Central Coast Region	San Miguelito Creek	CAR314100402002012414162 2	River & Stream	R	5	18060013	31410040	10	Miles
3	Regional Board 3 - Central Coast Region	San Miguelito Creek	CAR314100402002012414162 2	River & Stream	R	5	18060013	31410040	10	Miles
3	Regional Board 3 - Central Coast Region	San Miguelito Creek	CAR314100402002012414162 2	River & Stream	R	5	18060013	31410040	10	Miles
3	Regional Board 3 - Central Coast Region	San Miguelito Creek	CAR314100402002012414162 2	River & Stream	R	5	18060013	31410040	10	Miles
3	Regional Board 3 - Central Coast Region	San Miguelito Creek	CAR314100402002012414162 2	River & Stream	R	5	18060013	31410040	10	Miles
3	Regional Board 3 - Central Coast Region	San Miguelito Creek	CAR314100402002012414162 2	River & Stream	R	5	18060013	31410040	10	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	River & Stream	R	5	18060013	31531020	7	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Simeon Creek	CAR310130122002012414180 5	River & Stream	R	5	18060006	31013012	6	Miles
3	Regional Board 3 - Central Coast Region	San Vicente Creek (Santa Cruz County)	CAR304110232002012414193 2	River & Stream	R	5	18060001	30411023	9	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River	CAR312100302001122810352 8	River & Stream	R	5	18060008	31210030	51	Miles
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Maria River Estuary	CAE312100302002031112593 8	Estuary	E	5	18060008	31210030	6	Acres
3	Regional Board 3 - Central Coast Region	Santa Monica Creek	CAR315340202002012414285 0	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Santa Monica Creek	CAR315340202002012414285 0	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Santa Monica Creek	CAR315340202002012414285 0	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Santa Monica Creek	CAR315340202002012414285 0	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Santa Monica Creek	CAR315340202002012414285 0	River & Stream	R	5	18060013	31534020	6	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	River & Stream	R	5	18060011	30919000	11	Miles
3	Regional Board 3 - Central Coast Region	Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	River & Stream	R	5	18060010	31420011	23	Miles
3	Regional Board 3 - Central Coast Region	Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	River & Stream	R	5	18060010	31420011	23	Miles
3	Regional Board 3 - Central Coast Region	Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	River & Stream	R	5	18060010	31420011	23	Miles
3	Regional Board 3 - Central Coast Region	Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	River & Stream	R	5	18060010	31420011	23	Miles
3	Regional Board 3 - Central Coast Region	Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	River & Stream	R	5	18060010	31420011	23	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	River & Stream	R	5	18060010	31440050	43	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR3141005019980827094226	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR3141005019980827094226	River & Stream	R	5	18060010	31440050	43	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	River & Stream	R	5	18060010	31410040	4	Miles
3	Regional Board 3 - Central Coast Region	Schwan Lake	CAL3041205319981209102156	Lake & Reservoir	L	5	18060001	30412053	23	Acres
3	Regional Board 3 - Central Coast Region	Schwan Lake	CAL3041205319981209102156	Lake & Reservoir	L	5	18060001	30412053	23	Acres
3	Regional Board 3 - Central Coast Region	Schwan Lake	CAL3041205319981209102156	Lake & Reservoir	L	5	18060001	30412053	23	Acres
3	Regional Board 3 - Central Coast Region	Schwan Lake	CAL3041205319981209102156	Lake & Reservoir	L	5	18060001	30412053	23	Acres
3	Regional Board 3 - Central Coast Region	Schwan Lake	CAL3041205319981209102156	Lake & Reservoir	L	5	18060001	30412053	23	Acres
3	Regional Board 3 - Central Coast Region	Schwan Lake	CAL3041205319981209102156	Lake & Reservoir	L	5	18060001	30412053	23	Acres
3	Regional Board 3 - Central Coast Region	Schwan Lake	CAL3041205319981209102156	Lake & Reservoir	L	5	18060001	30412053	23	Acres
3	Regional Board 3 - Central Coast Region	Shingle Mill Creek	CAR3041202219980827102347	River & Stream	R	4a	18060001	30412022	2	Miles
3	Regional Board 3 - Central Coast Region	Shingle Mill Creek	CAR3041202219980827102347	River & Stream	R	4a	18060001	30412022	2	Miles
3	Regional Board 3 - Central Coast Region	Shingle Mill Creek	CAR3041202219980827102347	River & Stream	R	4a	18060001	30412022	2	Miles
3	Regional Board 3 - Central Coast Region	Shingle Mill Creek	CAR3041202219980827102347	River & Stream	R	4a	18060001	30412022	2	Miles
3	Regional Board 3 - Central Coast Region	Shingle Mill Creek	CAR3041202219980827102347	River & Stream	R	4a	18060001	30412022	2	Miles
3	Regional Board 3 - Central Coast Region	Shingle Mill Creek	CAR3041202219980827102347	River & Stream	R	4a	18060001	30412022	2	Miles
3	Regional Board 3 - Central Coast Region	Shuman Canyon Creek	CAR3130004120020124144205	River & Stream	R	5	18060009	31300041	9	Miles
3	Regional Board 3 - Central Coast Region	Soda Lake	CAL3110005019980805102204	Saline Lake	S	5	18060003	31100050	2627	Acres
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Creek	CAR3041301420020124145258	River & Stream	R	5	18060001	30413011	18	Miles
3	Regional Board 3 - Central Coast Region	Soquel Lagoon	CAE3041301419981209132827	Estuary	E	5	18060001	30413014	1	Acres
3	Regional Board 3 - Central Coast Region	Soquel Lagoon	CAE3041301419981209132827	Estuary	E	5	18060001	30413014	1	Acres
3	Regional Board 3 - Central Coast Region	Soquel Lagoon	CAE3041301419981209132827	Estuary	E	5	18060001	30413014	1	Acres
3	Regional Board 3 - Central Coast Region	Soquel Lagoon	CAE3041301419981209132827	Estuary	E	5	18060001	30413014	1	Acres
3	Regional Board 3 - Central Coast Region	Soquel Lagoon	CAE3041301419981209132827	Estuary	E	5	18060001	30413014	1	Acres
3	Regional Board 3 - Central Coast Region	Soquel Lagoon	CAE3041301419981209132827	Estuary	E	5	18060001	30413014	1	Acres
3	Regional Board 3 - Central Coast Region	Spring Lakes Creek	CAR3041204120080603112335	River & Stream	R	5	18060001	30412050	0	Miles
3	Regional Board 3 - Central Coast Region	Stenner Creek	CAR3102401020020124145945	River & Stream	R	5	18060006	31024010	7	Miles
3	Regional Board 3 - Central Coast Region	Stenner Creek	CAR3102401020020124145945	River & Stream	R	5	18060006	31024010	7	Miles
3	Regional Board 3 - Central Coast Region	Stenner Creek	CAR3102401020020124145945	River & Stream	R	5	18060006	31024010	7	Miles
3	Regional Board 3 - Central Coast Region	Stenner Creek	CAR3102401020020124145945	River & Stream	R	5	18060006	31024010	7	Miles
3	Regional Board 3 - Central Coast Region	Struve Slough	CAR3051003020080603125227	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Struve Slough	CAR3051003020080603125227	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Struve Slough	CAR3051003020080603125227	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Struve Slough	CAR3051003020080603125227	River & Stream	R	5	18060002	30510030	3	Miles
3	Regional Board 3 - Central Coast Region	Sycamore Creek	CAR3153201220080612170100	River & Stream	R	5	18060013	31532012	4	Miles
3	Regional Board 3 - Central Coast Region	Sycamore Creek	CAR3153201220080612170100	River & Stream	R	5	18060013	31532012	4	Miles
3	Regional Board 3 - Central Coast Region	Sycamore Creek	CAR3153201220080612170100	River & Stream	R	5	18060013	31532012	4	Miles
3	Regional Board 3 - Central Coast Region	Sycamore Creek	CAR3153201220080612170100	River & Stream	R	5	18060013	31532012	4	Miles
3	Regional Board 3 - Central Coast Region	Sycamore Creek	CAR3153201220080612170100	River & Stream	R	5	18060013	31532012	4	Miles
3	Regional Board 3 - Central Coast Region	Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911	River & Stream	R	5	18060013	31510013	7	Miles
3	Regional Board 3 - Central Coast Region	Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911	River & Stream	R	5	18060013	31510013	7	Miles
3	Regional Board 3 - Central Coast Region	Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911	River & Stream	R	5	18060013	31510013	7	Miles
3	Regional Board 3 - Central Coast Region	Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911	River & Stream	R	5	18060013	31510013	7	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR3091101019981209131830	River & Stream	R	5	18060011	30911010	6	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tembladero Slough	CAR309110101998120913183 0	River & Stream	R	5	18060011	30911010	6	Miles
3	Regional Board 3 - Central Coast Region	Tequisquita Slough	CAR305300202001112109133 2	River & Stream	R	5	18060002	30530020	7	Miles
3	Regional Board 3 - Central Coast Region	Tequisquita Slough	CAR305300202001112109133 2	River & Stream	R	5	18060002	30530020	7	Miles
3	Regional Board 3 - Central Coast Region	Tequisquita Slough	CAR305300202001112109133 2	River & Stream	R	5	18060002	30530020	7	Miles
3	Regional Board 3 - Central Coast Region	Tequisquita Slough	CAR305300202001112109133 2	River & Stream	R	5	18060002	30530020	7	Miles
3	Regional Board 3 - Central Coast Region	Tequisquita Slough	CAR305300202001112109133 2	River & Stream	R	5	18060002	30530020	7	Miles
3	Regional Board 3 - Central Coast Region	Toro Canyon Creek	CAR315340102008061217092 5	River & Stream	R	5	18060013	31534010	4	Miles
3	Regional Board 3 - Central Coast Region	Toro Canyon Creek	CAR315340102008061217092 5	River & Stream	R	5	18060013	31534010	4	Miles
3	Regional Board 3 - Central Coast Region	Toro Canyon Creek	CAR315340102008061217092 5	River & Stream	R	5	18060013	31534010	4	Miles
3	Regional Board 3 - Central Coast Region	Toro Creek	CAR310180102002012415124 9	River & Stream	R	5	18060006	31018010	16	Miles
3	Regional Board 3 - Central Coast Region	Toro Creek	CAR310180102002012415124 9	River & Stream	R	5	18060006	31018010	16	Miles
3	Regional Board 3 - Central Coast Region	Toro Creek	CAR310180102002012415124 9	River & Stream	R	5	18060006	31018010	16	Miles
3	Regional Board 3 - Central Coast Region	Toro Creek	CAR310180102002012415124 9	River & Stream	R	5	18060006	31018010	16	Miles
3	Regional Board 3 - Central Coast Region	Toro Creek	CAR310180102002012415124 9	River & Stream	R	5	18060006	31018010	16	Miles
3	Regional Board 3 - Central Coast Region	Toro Creek	CAR310180102002012415124 9	River & Stream	R	5	18060006	31018010	16	Miles
3	Regional Board 3 - Central Coast Region	Tres Pinos Creek	CAR305300202002012415151 9	River & Stream	R	5	18060002	30530020	31	Miles
3	Regional Board 3 - Central Coast Region	Tres Pinos Creek	CAR305300202002012415151 9	River & Stream	R	5	18060002	30530020	31	Miles
3	Regional Board 3 - Central Coast Region	Tres Pinos Creek	CAR305300202002012415151 9	River & Stream	R	5	18060002	30530020	31	Miles
3	Regional Board 3 - Central Coast Region	Tres Pinos Creek	CAR305300202002012415151 9	River & Stream	R	5	18060002	30530020	31	Miles
3	Regional Board 3 - Central Coast Region	Tularcitos Creek	CAR307000322002012415185 4	River & Stream	R	5	18060012	30700032	14	Miles
3	Regional Board 3 - Central Coast Region	Tularcitos Creek	CAR307000322002012415185 4	River & Stream	R	5	18060012	30700032	14	Miles
3	Regional Board 3 - Central Coast Region	Tularcitos Creek	CAR307000322002012415185 4	River & Stream	R	5	18060012	30700032	14	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

REGION	REGION NAME	WATER BODY NAME	WBID	WATER BODY TYPE	WATER BODY TYPE CODE	INTEGRATED REPORT CATEGORY	USGS CATALOGING UNIT	CALWATER WATERSHED	ESTIMATED SIZE AFFECTED	UNIT
3	Regional Board 3 - Central Coast Region	Uvas Creek (above Uvas Reservoir)	CAR3052001020080603162913	River & Stream	R	5	18060002	30520010	8	Miles
3	Regional Board 3 - Central Coast Region	Uvas Creek (above Uvas Reservoir)	CAR3052001020080603162913	River & Stream	R	5	18060002	30520010	8	Miles
3	Regional Board 3 - Central Coast Region	Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	River & Stream	R	5	18060002	30520021	8	Miles
3	Regional Board 3 - Central Coast Region	Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	River & Stream	R	5	18060002	30520021	8	Miles
3	Regional Board 3 - Central Coast Region	Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	River & Stream	R	5	18060002	30520021	8	Miles
3	Regional Board 3 - Central Coast Region	Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	River & Stream	R	5	18060002	30520021	8	Miles
3	Regional Board 3 - Central Coast Region	Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	River & Stream	R	5	18060002	30520021	8	Miles
3	Regional Board 3 - Central Coast Region	Uvas Reservoir	CAL3052001220020124163614	Lake & Reservoir	L	5	18060002	30520012	212	Acres
3	Regional Board 3 - Central Coast Region	Valencia Creek	CAR3041302319980827104158	River & Stream	R	5	18060001	30413023	6	Miles
3	Regional Board 3 - Central Coast Region	Valencia Creek	CAR3041302319980827104158	River & Stream	R	5	18060001	30413023	6	Miles
3	Regional Board 3 - Central Coast Region	Valencia Creek	CAR3041302319980827104158	River & Stream	R	5	18060001	30413023	6	Miles
3	Regional Board 3 - Central Coast Region	Walters Creek	CAR3102201120021002231800	River & Stream	R	5	18060006	31022011	3	Miles
3	Regional Board 3 - Central Coast Region	Warden Creek	CAR3102301020021002232250	River & Stream	R	5	18060006	31023010	6	Miles
3	Regional Board 3 - Central Coast Region	Warden Creek	CAR3102301020021002232250	River & Stream	R	5	18060006	31023010	6	Miles
3	Regional Board 3 - Central Coast Region	Warden Creek	CAR3102301020021002232250	River & Stream	R	5	18060006	31023010	6	Miles
3	Regional Board 3 - Central Coast Region	Warden Creek	CAR3102301020021002232250	River & Stream	R	5	18060006	31023010	6	Miles
3	Regional Board 3 - Central Coast Region	Warden Creek	CAR3102301020021002232250	River & Stream	R	5	18060006	31023010	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Creek	CAR3051003020080603171443	River & Stream	R	5	18060011	30510030	5	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Watsonville Slough	CAR3051003019981209150043	River & Stream	R	5	18060002	30510030	6	Miles
3	Regional Board 3 - Central Coast Region	Zayante Creek	CAR3041202220020124155410	River & Stream	R	5	18060001	30412040	9	Miles
3	Regional Board 3 - Central Coast Region	Zayante Creek	CAR3041202220020124155410	River & Stream	R	5	18060001	30412040	9	Miles
3	Regional Board 3 - Central Coast Region	Zayante Creek	CAR3041202220020124155410	River & Stream	R	5	18060001	30412040	9	Miles
3	Regional Board 3 - Central Coast Region	Zayante Creek	CAR3041202220020124155410	River & Stream	R	5	18060001	30412040	9	Miles
3	Regional Board 3 - Central Coast Region	Zayante Creek	CAR3041202220020124155410	River & Stream	R	5	18060001	30412040	9	Miles
3	Regional Board 3 - Central Coast Region	Zayante Creek	CAR3041202220020124155410	River & Stream	R	5	18060001	30412040	9	Miles
3	Regional Board 3 - Central Coast Region	Zayante Creek	CAR3041202220020124155410	River & Stream	R	5	18060001	30412040	9	Miles
3	Regional Board 3 - Central Coast Region	Zayante Creek	CAR3041202220020124155410	River & Stream	R	5	18060001	30412040	9	Miles

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Alamo Creek	CAR312300831998082515313 6	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Alamo Creek	CAR312300831998082515313 6	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Alamo Creek	CAR312300831998082515313 6	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Alisal Creek (Monterey County)	CAR309700951999022213 0537	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Alisal Slough (Monterey County)	CAR309110102009031120 4028	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Alisal Slough (Monterey County)	CAR309110102009031120 4028	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Alisal Slough (Monterey County)	CAR309110102009031120 4028	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Alisal Slough (Monterey County)	CAR309110102009031120 4028	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Aptos Creek	CAR304130232002031906 5717	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Aptos Creek	CAR304130232002031906 5717	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Aptos Creek	CAR304130232002031906 5717	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Aptos Creek	CAR304130232002031906 5717	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Aptos Creek	CAR304130232002031906 5717	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Aptos Creek	CAR304130232002031906 5717	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Aptos Creek	CAR304130232002031906 5717	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Arana Gulch	CAR304120511999022213 3711	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Arana Gulch	CAR304120511999022213 3711	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Arana Gulch	CAR304120511999022213 3711	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arana Gulch	CAR304120511999022213 3711	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Burro Creek	CAR315320101999022213 4526	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Arroyo Burro Creek	CAR315320101999022213 4526	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Arroyo Burro Creek	CAR315320101999022213 4526	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Arroyo Burro Creek	CAR315320101999022213 4526	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Arroyo Burro Creek	CAR315320101999022213 4526	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Arroyo Burro Creek	CAR315320101999022213 4526	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Arroyo De La Cruz	CAR310120132002011714 1339	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo De La Cruz	CAR310120132002011714 1339	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo De La Cruz	CAR310120132002011714 1339	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo De La Cruz	CAR310120132002011714 1339	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Unknown Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Unknown Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Arroyo Paredon	CAR315340101999022214 3223	Unknown Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Arroyo Seco River	CAR309600321999022214 4047	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Arroyo Seco River	CAR309600321999022214 4047	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (San Luis Obispo County)	CAR309811241999022214 5136	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (San Luis Obispo County)	CAR309811241999022214 5136	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Atascadero Creek (San Luis Obispo County)	CAR309811241999022214513 6	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Beach Road Ditch	CAR305100302008060312383 9	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Beach Road Ditch	CAR305100302008060312383 9	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Beach Road Ditch	CAR305100302008060312383 9	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Beach Road Ditch	CAR305100302008060312383 9	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Beach Road Ditch	CAR305100302008060312383 9	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Beach Road Ditch	CAR305100302008060312383 9	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Beach Road Ditch	CAR305100302008060312383 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Bean Creek	CAR304120411999022215225 1	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bean Creek	CAR304120411999022215225 1	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bean Creek	CAR304120411999022215225 1	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bean Creek	CAR304120411999022215225 1	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bean Creek	CAR304120411999022215225 1	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Bell Creek (Santa Barbara Co)	CAR3151001320050531122629	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Bennett Slough	CAR3060001420080611160605	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Bennett Slough	CAR3060001420080611160605	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Bennett Slough	CAR3060001420080611160605	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Blanco Drain	CAR3091101019981209161509	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Blanco Drain	CAR3091101019981209161509	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Blosser Channel	CAR3121003020011121135941	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Boulder Creek	CAR3041202019990223102514	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Boulder Creek	CAR3041202019990223102514	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Boulder Creek	CAR3041202019990223102514	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Boulder Creek	CAR3041202019990223102514	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Boulder Creek	CAR3041202019990223102514	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Boulder Creek	CAR3041202019990223102514	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Bradley Canyon Creek	CAR3121003020011121144840	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Canyon Creek	CAR3121003020011121144840	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Bradley Channel	CAR3121003020021002233532	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Bradley Channel	CAR3121003020021002233532	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Branciforte Creek	CAR3041205119990223104548	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Branciforte Creek	CAR3041205119990223104548	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Branciforte Creek	CAR3041205119990223104548	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Branciforte Creek	CAR3041205119990223104548	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Branciforte Creek	CAR3041205119990223104548	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Branciforte Creek	CAR3041205119990223104548	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Branciforte Creek	CAR3041205119990223104548	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Canada De La Gaviota	CAR3151003119990223115746	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada De La Gaviota	CAR3151003119990223115746	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada Del Refugio	CAR3151002219990223132423	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada Del Refugio	CAR3151002219990223132423	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada Del Refugio	CAR3151002219990223132423	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada Del Refugio	CAR3151002219990223132423	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Canada Del Refugio	CAR3151002219990223132423	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Canada Del Refugio	CAR3151002219990223132423	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Canada Del Refugio	CAR3151002219990223132423	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada Del Refugio	CAR3151002219990223132423	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Canada Del Refugio	CAR3151002219990223132423	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Carbonera Creek	CAR3041205319980825105618	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Carbonera Creek	CAR3041205319980825105618	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Carbonera Creek	CAR3041205319980825105618	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Carbonera Creek	CAR3041205319980825105618	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Carbonera Creek	CAR3041205319980825105618	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Carbonera Creek	CAR3041205319980825105618	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Carbonera Creek	CAR3041205319980825105618	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Carbonera Creek	CAR3041205319980825105618	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Carnadero Creek	CAR3053002019990223155037	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Carnadero Creek	CAR3053002019990223155037	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Carnadero Creek	CAR3053002019990223155037	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Carnadero Creek	CAR3053002019990223155037	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Carnadero Creek	CAR3053002019990223155037	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Carnadero Creek	CAR3053002019990223155037	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Carnadero Creek	CAR3053002019990223155037	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carnadero Creek	CAR3053002019990223155037	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carnadero Creek	CAR3053002019990223155037	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carnadero Creek	CAR3053002019990223155037	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carnadero Creek	CAR3053002019990223155037	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Carnadero Creek	CAR3053002019990223155037	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Carnadero Creek	CAR3053002019990223155037	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Carnadero Creek	CAR3053002019990223155037	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Carneros Creek (Monterey County)	CAR3060001020090115165216	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Carpinteria Creek	CAR3153402019980825112405	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Creek	CAR3153402019980825112405	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Marsh (El Estero Marsh)	CAE3153402019980827165144	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Marsh (El Estero Marsh)	CAE3153402019980827165144	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Marsh (El Estero Marsh)	CAE3153402019980827165144	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Marsh (El Estero Marsh)	CAE3153402019980827165144	Organic Enrichment/Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Marsh (El Estero Marsh)	CAE3153402019980827165144	Organic Enrichment/Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Marsh (El Estero Marsh)	CAE3153402019980827165144	Organic Enrichment/Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Marsh (El Estero Marsh)	CAE3153402019980827165144	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2021	
Carpinteria Marsh (El Estero Marsh)	CAE3153402019980827165144	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2021	
Casmalia Canyon Creek	CAR3130004020020117145508	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Chesbro Reservoir	CAL3052001420020124162255	Mercury	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2012	
Cholame Creek	CAR3170008120011127080727	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cholame Creek	CAR3170008120011127080727	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Chorro Creek	CAR3102201219980825120817	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
Chorro Creek	CAR3102201219980825120817	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chorro Creek	CAR3102201219980825120817	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Chualar Creek	CAR3091900020080604161337	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR3091900020080604161337	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	

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Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Chualar Creek	CAR309190002008060416133 7	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Chualar Creek	CAR309190002008060416133 7	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Chumash Creek	CAR310220112002100121351 4	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Cieneguitas Creek	CAR315310112008061216590 8	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Clear Creek (San Benito County)	CAR305500132002100418114 6	Mercury	Metals/Metalloids	List on 303(d) list (being addressed by USEPA approve	5B		
Corcoran Lagoon	CAW304130142010081617112 3	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Corcoran Lagoon	CAW304130142010081617112 3	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Corralitos Creek	CAR305100101999022510270 4	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Corralitos Creek	CAR305100101999022510270 4	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Corralitos Creek	CAR305100101999022510270 4	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Corralitos Creek	CAR305100101999022510270 4	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Corralitos Creek	CAR305100101999022510270 4	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Corralitos Creek	CAR305100101999022510270 4	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Dairy Creek	CAR3102201019990225114123	Fecal Coliform	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Dairy Creek	CAR3102201019990225114123	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Devereux Creek	CAR3153102020080612164650	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Devereux Creek	CAR3153102020080612164650	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Devereux Creek	CAR3153102020080612164650	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Devereux Creek	CAR3153102020080612164650	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Devereux Creek	CAR3153102020080612164650	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Devereux Creek	CAR3153102020080612164650	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Dos Pueblos Canyon Creek	CAR3151001119990225122436	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Elkhorn Slough	CAE3060001419981209073137	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Esperanza Creek	CAR3091101020080604161515	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Lake	CAL3091900020020117151744	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Lake	CAL3091900020020117151744	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Espinosa Slough	CAR3091101019981230135152	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Estrella River	CAR3170007119990225125807	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Estrella River	CAR3170007119990225125807	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Estrella River	CAR317000711999022512580 7	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Fall Creek	CAR304120221999022513332 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Fall Creek	CAR304120221999022513332 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Fall Creek	CAR304120221999022513332 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Fall Creek	CAR304120221999022513332 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Furlong Creek	CAR305300201999022211193 2	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Furlong Creek	CAR305300201999022211193 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Furlong Creek	CAR305300201999022211193 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Furlong Creek	CAR305300201999022211193 2	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Furlong Creek	CAR305300201999022211193 2	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Furlong Creek	CAR305300201999022211193 2	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Furlong Creek	CAR305300201999022211193 2	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Gabilan Creek	CAR309190001999030409234 5	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Gabilan Creek	CAR309190001999030409234 5	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Gallighan Slough	CAR305100302008061614505 3	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Glen Annie Canyon	CAR315310201999030410273 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR315310201999030410273 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR315310201999030410273 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR315310201999030410273 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR315310201999030410273 5	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Glen Annie Canyon	CAR315310201999030410273 5	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR315310201999030410273 5	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR315310201999030410273 5	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR315310201999030410273 5	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Glen Annie Canyon	CAR3153102019990304102735	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR3153102019990304102735	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR3153102019990304102735	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR3153102019990304102735	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR3153102019990304102735	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR3153102019990304102735	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Glen Annie Canyon	CAR3153102019990304102735	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Goleta Slough/Estuary	CAE3153102019981209141309	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Goleta Slough/Estuary	CAE3153102019981209141309	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Goleta Slough/Estuary	CAE3153102019981209141309	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Goleta Slough/Estuary	CAE3153102019981209141309	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2021	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Hanson Slough	CAR3051003020080616145237	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Harkins Slough	CAR3051001320080603122917	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Harkins Slough	CAR3051001320080603122917	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Harkins Slough	CAR3051001320080603122917	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Hernandez Reservoir	CAL3055001619980828154910	Mercury	Metals/Metalloids	Do Not Delist from 303(d) list (being addressed with US	5B		
Jalama Creek	CAR3151005119990304115034	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Jalama Creek	CAR3151005119990304115034	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Jalama Creek	CAR3151005119990304115034	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Jalama Creek	CAR3151005119990304115034	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Kings Creek	CAR3041201119990304115830	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Kings Creek	CAR3041201119990304115830	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Kings Creek	CAR3041201119990304115830	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Kings Creek	CAR3041201119990304115830	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Kings Creek	CAR3041201119990304115830	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Las Tablas Creek	CAR3098129319980825123721	Metals	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Las Tablas Creek, North Fork	CAR3098129019980828104645	Metals	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Las Tablas Creek, South Fork	CAR3098129019980828110227	Metals	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Little Oso Flaco Creek	CAR3121003020080611165546	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Little Oso Flaco Creek	CAR3121003020080611165546	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Little Oso Flaco Creek	CAR3121003020080611165546	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Little Oso Flaco Creek	CAR3121003020080611165546	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Little Oso Flaco Creek	CAR3121003020080611165546	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Llagas Creek (above Chesbro Reservoir)	CAR3052001419980826100148	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (above Chesbro Reservoir)	CAR3052001419980826100148	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Chloride	Salinity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Chloride	Salinity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Lockhart Gulch	CAR3041204119990304141558	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Lockhart Gulch	CAR3041204119990304141558	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Lompico Creek	CAR3041204019980826100810	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Lompico Creek	CAR3041204019980826100810	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Lompico Creek	CAR3041204019980826100810	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Lompico Creek	CAR3041204019980826100810	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Lompico Creek	CAR3041204019980826100810	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Lompico Creek	CAR3041204019980826100810	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Lompico Creek	CAR3041204019980826100810	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Lompico Creek	CAR3041204019980826100810	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Lompico Creek	CAR3041204019980826100810	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Los Berros Creek	CAR3103102319990304143314	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Los Berros Creek	CAR3103102319990304143314	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Los Berros Creek	CAR3103102319990304143314	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Los Berros Creek	CAR3103102319990304143314	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Los Berros Creek	CAR310310231999030414331 4	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Los Berros Creek	CAR310310231999030414331 4	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Los Berros Creek	CAR310310231999030414331 4	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Los Berros Creek	CAR310310231999030414331 4	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Los Berros Creek	CAR310310231999030414331 4	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Los Carneros Creek	CAR315310201999030414365 8	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Los Carneros Creek	CAR315310201999030414365 8	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Los Carneros Creek	CAR315310201999030414365 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Los Carneros Creek	CAR315310201999030414365 8	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Los Carneros Creek	CAR315310201999030414365 8	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Los Osos Creek	CAR310230121998082610283 3	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Los Osos Creek	CAR310230121998082610283 3	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Los Osos Creek	CAR310230121998082610283 3	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Los Osos Creek	CAR310230121998082610283 3	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Los Osos Creek	CAR310230121998082610283 3	Nitrate	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Los Osos Creek	CAR310230121998082610283 3	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (being addressed with US	5B		
Love Creek	CAR304120211999030414410 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Love Creek	CAR304120211999030414410 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Love Creek	CAR304120211999030414410 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Love Creek	CAR304120211999030414410 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Love Creek	CAR304120211999030414410 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Love Creek	CAR304120211999030414410 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Main Street Canal	CAR312100302002081911080 3	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR312100302002081911080 3	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Main Street Canal	CAR3121003020020819110803	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR3121003020020819110803	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR3121003020020819110803	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR3121003020020819110803	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR3121003020020819110803	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR3121003020020819110803	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR3121003020020819110803	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Main Street Canal	CAR3121003020020819110803	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Majors Creek (Monterey County)	CAR3095004220090226140639	Copper	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Majors Creek (Monterey County)	CAR3095004220090226140639	Copper	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Majors Creek (Monterey County)	CAR3095004220090226140639	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Majors Creek (Monterey County)	CAR3095004220090226140639	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Majors Creek (Monterey County)	CAR3095004220090226140639	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Majors Creek (Monterey County)	CAR3095004220090226140639	Lead	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Majors Creek (Monterey County)	CAR3095004220090226140639	Lead	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Majors Creek (Monterey County)	CAR3095004220090226140639	Zinc	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Majors Creek (Monterey County)	CAR3095004220090226140639	Zinc	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Maria Ygnacio Creek	CAR3153102020080612165648	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Maria Ygnacio Creek	CAR3153102020080612165648	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Maria Ygnacio Creek	CAR3153102020080612165648	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Maria Ygnacio Creek	CAR3153102020080612165648	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Maria Ygnacio Creek	CAR3153102020080612165648	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
McEnery Spring	CAR3041204120100620215953	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
McGowan Ditch	CAR3051003020100620223644	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Merrit Ditch	CAR3091101020080604152147	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Merrit Ditch	CAR3091101020080604152147	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Millers Canal	CAR3053002020080603171000	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Millers Canal	CAR3053002020080603171000	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Millers Canal	CAR3053002020080603171000	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Millers Canal	CAR3053002020080603171000	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Mission Creek (Santa Barbara County)	CAR3153201119980826110307	Unknown Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Monterey Harbor	CAB309120141998082716074 7	Metals	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Monterey Harbor	CAB309120141998082716074 7	Sediment Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Moore Creek	CAR304110312008060212520 9	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Moore Creek	CAR304110312008060212520 9	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moore Creek	CAR304110312008060212520 9	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Moore Creek	CAR304110312008060212520 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Moro Cojo Slough	CAE306000151998120913224 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Moro Cojo Slough	CAE306000151998120913224 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Morro Bay	CAB310220121998082714150 6	Oxygen, Dissolved	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Morro Bay	CAB310220121998082714150 6	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Morro Bay	CAB310220121998082714150 6	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Moss Landing Harbor	CAB306000141998121412113 5	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Nickel	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Nickel	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Nickel	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Nickel	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Nickel	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Nickel	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Moss Landing Harbor	CAB306000141998121412113 5	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Mountain Charlie Gulch	CAR304120402002012416045 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Mountain Charlie Gulch	CAR304120402002012416045 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Mountain Charlie Gulch	CAR304120402002012416045 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Mountain Charlie Gulch	CAR304120402002012416045 4	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Nacimiento Reservoir	CAL309820001998121417171 1	Mercury	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Nacimiento Reservoir	CAL309820001998121417171 1	Metals	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Nacimiento Reservoir	CAL309820001998121417171 1	Metals	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Natividad Creek	CAR309110102005053112514 0	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Natividad Creek	CAR309110102005053112514 0	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Natividad Creek	CAR309110102005053112514 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Newell Creek (Lower)	CAR304120312002021917075 2	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Newell Creek (Upper)	CAR304120312002012411580 8	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Newell Creek (Upper)	CAR304120312002012411580 8	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Newell Creek (Upper)	CAR304120312002012411580 8	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Newell Creek (Upper)	CAR304120312002012411580 8	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Newell Creek (Upper)	CAR304120312002012411580 8	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Newell Creek (Upper)	CAR304120312002012411580 8	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Nipomo Creek	CAR312100112001112912491 1	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Nipomo Creek	CAR312100112001112912491 1	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Nobel Gulch Creek	CAR304130142008060312212 7	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
North Main Street Channel	CAR312100302008062011104 5	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Old Salinas River	CAR309110102008061114551 8	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River	CAR309110102008061114551 8	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Old Salinas River Estuary	CAE306000141998121414380 7	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Chlorpyrifos	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Chlorpyrifos	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Chlorpyrifos	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	DDT (Dichlorodiphenyltrichloroethane)	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	DDT (Dichlorodiphenyltrichloroethane)	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	DDT (Dichlorodiphenyltrichloroethane)	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Dieldrin	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Dieldrin	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Dieldrin	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Orcutt Creek	CAR312100302001112915470 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR312100302002012412214 4	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR312100302002012412214 4	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR312100302002012412214 4	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR312100302002012412214 4	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Oso Flaco Creek	CAR3121003020020124122144	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Creek	CAR3121003020020124122144	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Lake	CAL3121003020011121102545	Dieldrin	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Lake	CAL3121003020011121102545	Dieldrin	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Oso Flaco Lake	CAL3121003020011121102545	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Pacheco Creek	CAR3053002020020103133745	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2120	
Pacheco Creek	CAR3053002020020103133745	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2120	
Pacheco Creek	CAR3053002020020103133745	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2120	
Pacheco Creek	CAR3053002020020103133745	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pacheco Creek	CAR3053002020020103133745	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pacheco Creek	CAR3053002020020103133745	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pacheco Creek	CAR3053002020020103133745	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Pacheco Creek	CAR3053002020020103133745	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean (Point Ano Nuevo to Soquel Point)	CAO3041102220090612082544	Dieldrin	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	CAX3153201020020107155347	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	CAX3153201020020107155347	Total Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Avila Beach (Avila Pier)	CAC3102402120100404115848	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Avila Beach (Avila Pier)	CAC3102402120100404115848	PCBs (Polychlorinated biphenyls)	Other Organics	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Avila Beach (SLO creek mouth)	CAC3102402120100404162226	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC3041301420070614104240	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)	CAX3153402020021001211616	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pacific Ocean at Cayucos (Cayucos Creek Mouth)	CAC3101601020100414170217	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Total Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Total Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Total Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX3153201120020107160116	Total Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at East Beach (mouth of Sycamore Creek, Santa Barbara County)	CAX3153201220021002193849	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Goleta Beach (Santa Barbara County)	CAX3153102020021002211230	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Hammonds Beach (Santa Barbara County)	CAX3153301020021002211858	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pacific Ocean at Hammonds Beach (Santa Barbara County)	CAX3153301020021002211858	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Haskells Beach (Santa Barbara County)	CAC3151001220070328183439	Enterococcus	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	CAX31532010200210022130 53	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	CAX31532010200210022130 53	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX31510051200201071556 08	Total Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Leadbetter Beach (Santa Barbara County)	CAX31532011200210022145 53	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Ocean Beach (Santa Barbara County)	CAX31410050200210022200 06	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pacific Ocean at Ocean Beach (Santa Barbara County)	CAX31410050200210022200 06	Total Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Olde Port Beach (at restrooms)	CAC31025012201004041642 19	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Pismo State Beach (San Luis Obispo County), south of Pismo Pier	CAC31026014201006221647 04	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	CAX31534012200003261349 41	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	CAX31534012200003261349 41	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Refugio Beach (Santa Barbara County)	CAX31510022200210022214 32	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Pacific Ocean at Refugio Beach (Santa Barbara County)	CAX31510022200210022214 32	Total Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Pacific Ocean at Stillwater Cove Beach	CAC30950042200412141747 39	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Chlordane	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	DDD (Dichlorodiphenyldichloroethane)	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Pajaro River	CAR30510030199808261151 52	Dieldrin	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Pajaro River	CAR30510030199808261151 52	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR30510030199808261151 52	Nitrate	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Pajaro River	CAR3051003019980826115152	Nitrate	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	PCBs (Polychlorinated biphenyls)	Other Organics	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Pajaro River	CAR3051003019980826115152	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Pajaro River	CAR3051003019980826115152	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Pennington Creek	CAR3102201120020124123809	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pico Creek	CAR3101302020020124125005	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pico Creek	CAR3101302020020124125005	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pico Creek	CAR3101302020020124125005	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pinto Lake	CAL3051003020020124122807	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Cyanobacteria hepatotoxic microcystins	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Cyanobacteria hepatotoxic microcystins	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Cyanobacteria hepatotoxic microcystins	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Scum/Foam-unnatural	Nuisance	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Scum/Foam-unnatural	Nuisance	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Scum/Foam-unnatural	Nuisance	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	Scum/Foam-unnatural	Nuisance	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Pinto Lake	CAL3051003020020124122807	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Pismo Creek	CAR3102601420020124125144	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Pismo Creek	CAR3102601420020124125144	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Pismo Creek	CAR3102601420020124125144	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Porter Gulch Creek	CAR3041301320080603122516	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Porter Gulch Creek	CAR3041301320080603122516	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Prefumo Creek	CAR3102401220020124125422	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Quail Creek	CAR3091900020011227140647	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Quail Creek	CAR3091900020011227140647	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Rider Creek	CAR3051001019981207100234	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Rider Creek	CAR3051001019981207100234	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Rider Creek	CAR3051001019981207100234	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Rincon Creek	CAR3153401220020124130528	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Rincon Creek	CAR3153401220020124130528	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Rincon Creek	CAR3153401220020124130528	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Rincon Creek	CAR3153401220020124130528	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Rincon Creek	CAR3153401220020124130528	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Rincon Creek	CAR3153401220020124130528	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Rincon Creek	CAR3153401220020124130528	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Unknown Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Unknown Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Unknown Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Rincon Creek	CAR3153401220020124130528	Unknown Toxicity	Toxicity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Rodeo Creek Gulch	CAR3041301420020124131242	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Rodeo Creek Gulch	CAR3041301420020124131242	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Romero Creek	CAR3153301120080612170700	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Romero Creek	CAR3153301120080612170700	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas Reclamation Canal	CAR3091101019980828112229	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Ammonia (Unionized)	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Copper	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2018	
Salinas Reclamation Canal	CAR3091101019980828112229	Copper	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2018	
Salinas Reclamation Canal	CAR3091101019980828112229	Copper	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2018	
Salinas Reclamation Canal	CAR3091101019980828112229	Copper	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2018	
Salinas Reclamation Canal	CAR3091101019980828112229	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR3091101019980828112229	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Salinas Reclamation Canal	CAR309110101998082811222 9	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Priority Organics	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas Reclamation Canal	CAR309110101998082811222 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Chlordane	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2018	

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Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	DDD (Dichlorodiphenyldichloroethane)	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Dieldrin	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	PCBs (Polychlorinated biphenyls)	Other Organics	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Toxaphene	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	Chloride	Salinity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	Chloride	Salinity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	Chloride	Salinity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	Sodium	Salinity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	Sodium	Salinity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	Sodium	Salinity	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Salinas River Lagoon (North)	CAE309110101998082814323 2	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River Lagoon (North)	CAE309110101998082814323 2	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Nitrogen, Nitrite	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR3130001020020918211049	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio Reservoir	CAL3098300020080114173957	Mercury	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio River (below San Antonio Reservoir)	CAR3098100520080114174629	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio River (below San Antonio Reservoir)	CAR3098100520080114174629	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio River (below San Antonio Reservoir)	CAR3098100520080114174629	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Antonio River (below San Antonio Reservoir)	CAR3098100520080114174629	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Boron	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Benito River	CAR3053002019981207091641	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Benito River	CAR3053002019981207091641	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Benito River	CAR3053002019981207091641	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Benito River	CAR3053002019981207091641	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Benito River	CAR3053002019981207091641	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Benito River	CAR3053002019981207091641	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Benito River	CAR3053002019981207091641	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Benito River	CAR3053002019981207091641	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
San Benito River	CAR3053002019981207091641	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Benito River	CAR3053002019981207091641	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Bernardo Creek	CAR3102201220020124134314	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Juan Creek (San Benito County)	CAR3052005020090204001958	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Boron	Metals/Metalloids	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Electrical Conductivity	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2120	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2120	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo River	CAR3041202219980827084709	Chlordane	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo River	CAR3041202219980827084709	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo River	CAR3041202219980827084709	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Lorenzo River	CAR3041202219980827084709	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Lorenzo River	CAR3041202219980827084709	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Lorenzo River	CAR3041202219980827084709	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Lorenzo River	CAR3041202219980827084709	PCBs (Polychlorinated biphenyls)	Other Organics	List on 303(d) list (TMDL required list)	5A	2021	
San Lorenzo River	CAR3041202219980827084709	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Lorenzo River	CAR3041202219980827084709	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Lorenzo River	CAR3041202219980827084709	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Lorenzo River	CAR3041202219980827084709	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Lorenzo River	CAR3041202219980827084709	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
San Lorenzo River	CAR3041202219980827084709	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
San Lorenzo River	CAR3041202219980827084709	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
San Lorenzo River	CAR3041202219980827084709	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
San Lorenzo River	CAR3041202219980827084709	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
San Lorenzo River Lagoon	CAE3041205319980828094349	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
San Lorenzo River Lagoon	CAE3041205319980828094349	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
San Luis Obispo Creek (above Osos Street)	CAR310240111998082414312 3	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Nitrate as Nitrate (NO3)	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Nitrate as Nitrate (NO3)	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Nitrate as Nitrate (NO3)	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Nitrate as Nitrate (NO3)	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Nitrate as Nitrate (NO3)	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Nitrate as Nitrate (NO3)	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Nutrients	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Pathogens	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Pathogens	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Pathogens	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Pathogens	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Pathogens	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Pathogens	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Luisito Creek	CAR310220112002012414110 7	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
San Miguelito Creek	CAR314100402002012414162 2	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Miguelito Creek	CAR314100402002012414162 2	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Miguelito Creek	CAR314100402002012414162 2	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Miguelito Creek	CAR314100402002012414162 2	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Miguelito Creek	CAR314100402002012414162 2	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Miguelito Creek	CAR314100402002012414162 2	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
San Simeon Creek	CAR310130122002012414180 5	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Simeon Creek	CAR310130122002012414180 5	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
San Vicente Creek (Santa Cruz County)	CAR304110232002012414193 2	Sedimentation/Siltation	Sediment	Do Not Delist from 303(d) list (TMDL required list)	5A	2019	
Santa Maria River	CAR312100302001122810352 8	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Chlorpyrifos	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Chlorpyrifos	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Chlorpyrifos	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	DDT (Dichlorodiphenyltrichloroethane)	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	DDT (Dichlorodiphenyltrichloroethane)	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	DDT (Dichlorodiphenyltrichloroethane)	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Dieldrin	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Dieldrin	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Dieldrin	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Endrin	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Endrin	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Endrin	Pesticides	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Toxaphene	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River	CAR312100302001122810352 8	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Santa Maria River Estuary	CAE312100302002031112593 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Maria River Estuary	CAE312100302002031112593 8	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Monica Creek	CAR315340202002012414285 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Monica Creek	CAR315340202002012414285 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Monica Creek	CAR315340202002012414285 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Monica Creek	CAR315340202002012414285 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Monica Creek	CAR315340202002012414285 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2018	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR3141005019980827094226	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR3141005019980827094226	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Nitrate	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631	Total Dissolved Solids	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Schwan Lake	CAL3041205319981209102156	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Schwan Lake	CAL3041205319981209102156	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Schwan Lake	CAL3041205319981209102156	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Schwan Lake	CAL3041205319981209102156	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Schwan Lake	CAL3041205319981209102156	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Schwan Lake	CAL3041205319981209102156	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Schwan Lake	CAL3041205319981209102156	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Shingle Mill Creek	CAR3041202219980827102347	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Shingle Mill Creek	CAR3041202219980827102347	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Shingle Mill Creek	CAR3041202219980827102347	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Shingle Mill Creek	CAR3041202219980827102347	Nutrients	Nutrients	Do Not Delist from 303(d) list (being addressed with US	5B		
Shingle Mill Creek	CAR3041202219980827102347	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Shingle Mill Creek	CAR3041202219980827102347	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Shuman Canyon Creek	CAR3130004120020124144205	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Soda Lake	CAL3110005019980805102204	Ammonia (Unionized)	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Soquel Creek	CAR3041301420020124145258	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Creek	CAR3041301420020124145258	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Soquel Lagoon	CAE3041301419981209132827	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Lagoon	CAE3041301419981209132827	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Lagoon	CAE3041301419981209132827	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Lagoon	CAE3041301419981209132827	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Lagoon	CAE3041301419981209132827	Pathogens	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Soquel Lagoon	CAE3041301419981209132827	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Spring Lakes Creek	CAR3041204120080603112335	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Stenner Creek	CAR3102401020020124145945	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Stenner Creek	CAR3102401020020124145945	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Stenner Creek	CAR3102401020020124145945	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Stenner Creek	CAR3102401020020124145945	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Struve Slough	CAR3051003020080603125227	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Struve Slough	CAR3051003020080603125227	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Struve Slough	CAR3051003020080603125227	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Struve Slough	CAR3051003020080603125227	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Sycamore Creek	CAR3153201220080612170100	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Sycamore Creek	CAR3153201220080612170100	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Sycamore Creek	CAR3153201220080612170100	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Sycamore Creek	CAR3153201220080612170100	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Sycamore Creek	CAR3153201220080612170100	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Tembladero Slough	CAR3091101019981209131830	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Tembladero Slough	CAR309110101998120913183 0	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Chlorophyll-a	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Diazinon	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Enterococcus	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Nutrients	Nutrients	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Sediment Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Total Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	Unknown Toxicity	Toxicity	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Tembladero Slough	CAR309110101998120913183 0	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2013	
Tequisquita Slough	CAR305300202001112109 3 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Tequisquita Slough	CAR305300202001112109 3 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Tequisquita Slough	CAR305300202001112109 3 2	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Tequisquita Slough	CAR305300202001112109 3 2	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Tequisquita Slough	CAR305300202001112109 3 2	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Tequisquita Slough	CAR305300202001112109 3 2	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Toro Canyon Creek	CAR315340102008061217092 5	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Toro Canyon Creek	CAR315340102008061217092 5	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Toro Canyon Creek	CAR315340102008061217092 5	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Toro Creek	CAR310180102002012415124 9	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Toro Creek	CAR310180102002012415124 9	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Toro Creek	CAR310180102002012415124 9	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Toro Creek	CAR310180102002012415124 9	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Toro Creek	CAR310180102002012415124 9	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Toro Creek	CAR310180102002012415124 9	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Tres Pinos Creek	CAR305300202002012415151 9	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Tres Pinos Creek	CAR305300202002012415151 9	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2011	
Tres Pinos Creek	CAR305300202002012415151 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Tres Pinos Creek	CAR305300202002012415151 9	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Tularcitos Creek	CAR307000322002012415185 4	Chloride	Salinity	List on 303(d) list (TMDL required list)	5A	2021	
Tularcitos Creek	CAR307000322002012415185 4	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Tularcitos Creek	CAR307000322002012415185 4	Sodium	Salinity	List on 303(d) list (TMDL required list)	5A	2021	

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	POLLUTANT	POLLUTANT CATEGORY	FINAL LISTING DECISION	TMDL REQUIREMENT STATUS**	EXPECTED TMDL COMPLETION DATE***	EXPECTED ATTAINMENT DATE***
Uvas Creek (above Uvas Reservoir)	CAR3052001020080603162913	Temperature, water	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Uvas Creek (above Uvas Reservoir)	CAR3052001020080603162913	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Uvas Reservoir	CAL3052001220020124163614	Mercury	Metals/Metalloids	List on 303(d) list (TMDL required list)	5A	2021	
Valencia Creek	CAR3041302319980827104158	Pathogens	Pathogens	Do Not Delist from 303(d) list (TMDL required list)	5A	2011	
Valencia Creek	CAR3041302319980827104158	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Valencia Creek	CAR3041302319980827104158	Sedimentation/Siltation	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Walters Creek	CAR3102201120021002231800	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Warden Creek	CAR3102301020021002232250	Fecal Coliform	Pathogens	Do Not Delist from 303(d) list (being addressed with US	5B		
Warden Creek	CAR3102301020021002232250	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Warden Creek	CAR3102301020021002232250	Low Dissolved Oxygen	Nutrients	Do Not Delist from 303(d) list (TMDL required list)	5A	2021	
Warden Creek	CAR3102301020021002232250	Nitrate	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Warden Creek	CAR3102301020021002232250	Nitrate	Nutrients	List on 303(d) list (being addressed by USEPA approve	5B		
Watsonville Creek	CAR3051003020080603171443	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Escherichia coli (E. coli)	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	Nitrate	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Creek	CAR3051003020080603171443	pH	Miscellaneous	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Low Dissolved Oxygen	Nutrients	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Watsonville Slough	CAR3051003019981209150043	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Watsonville Slough	CAR3051003019981209150043	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Watsonville Slough	CAR3051003019981209150043	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Watsonville Slough	CAR3051003019981209150043	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Watsonville Slough	CAR3051003019981209150043	Pathogens	Pathogens	List on 303(d) list (being addressed by USEPA approve	5B		
Watsonville Slough	CAR3051003019981209150043	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Pesticides	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Watsonville Slough	CAR3051003019981209150043	Turbidity	Sediment	List on 303(d) list (TMDL required list)	5A	2021	
Zayante Creek	CAR3041202220020124155410	Chlorpyrifos	Pesticides	List on 303(d) list (TMDL required list)	5A	2021	
Zayante Creek	CAR3041202220020124155410	Fecal Coliform	Pathogens	List on 303(d) list (TMDL required list)	5A	2021	
Zayante Creek	CAR3041202220020124155410	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Zayante Creek	CAR3041202220020124155410	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Zayante Creek	CAR3041202220020124155410	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Zayante Creek	CAR3041202220020124155410	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Zayante Creek	CAR3041202220020124155410	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		
Zayante Creek	CAR3041202220020124155410	Sedimentation/Siltation	Sediment	List on 303(d) list (being addressed by USEPA approve	5B		

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Alamo Creek	CAR312300831998082515313 6			Grazing-Related Sources	Agriculture
Alamo Creek	CAR312300831998082515313 6			Agriculture	Agriculture
Alamo Creek	CAR312300831998082515313 6			Natural Sources	Natural Sources
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Agriculture	Agriculture
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Nonpoint Source	Unspecified Nonpoint Source
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Natural Sources	Natural Sources
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Urban Runoff/Storm Sewers	Urban Runoff
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Agriculture	Agriculture
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Nonpoint Source	Unspecified Nonpoint Source
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Agriculture	Agriculture
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Urban Runoff/Storm Sewers	Urban Runoff
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Urban Runoff/Storm Sewers	Urban Runoff
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Agriculture	Agriculture
Alisal Creek (Monterey County)	CAR309700951999022213 0537			Nonpoint Source	Unspecified Nonpoint Source
Alisal Slough (Monterey County)	CAR309110102009031120 4028			Agriculture	Agriculture
Alisal Slough (Monterey County)	CAR309110102009031120 4028			Agriculture	Agriculture
Alisal Slough (Monterey County)	CAR309110102009031120 4028			Agriculture	Agriculture
Alisal Slough (Monterey County)	CAR309110102009031120 4028			Agriculture	Agriculture
Aptos Creek	CAR304130232002031906 5717		Impaired length for Fecal Coliform is below Bridge Creek to the mouth (approximately 5 miles).	Urban Runoff/Storm Sewers	Urban Runoff
Aptos Creek	CAR304130232002031906 5717		Impaired length for Fecal Coliform is below Bridge Creek to the mouth (approximately 5 miles).	Pasture Grazing-Riparian and/or Upland	Agriculture
Aptos Creek	CAR304130232002031906 5717		Impaired length for Fecal Coliform is below Bridge Creek to the mouth (approximately 5 miles).	Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Aptos Creek	CAR304130232002031906 5717		Impaired length for Fecal Coliform is below Bridge Creek to the mouth (approximately 5 miles).	Collection System Failure	Municipal Wastewater
Aptos Creek	CAR304130232002031906 5717		Impaired length for Fecal Coliform is below Bridge Creek to the mouth (approximately 5 miles).	Natural Sources	Natural Sources
Aptos Creek	CAR304130232002031906 5717			Channel Erosion	Hydromodification
Aptos Creek	CAR304130232002031906 5717			Disturbed Sites (Land Develop.)	Construction/Land Development
Arana Gulch	CAR304120511999022213 3711			Unknown Nonpoint Source	Unspecified Nonpoint Source
Arana Gulch	CAR304120511999022213 3711			Other Urban Runoff	Urban Runoff
Arana Gulch	CAR304120511999022213 3711			Source Unknown	Source Unknown
Arana Gulch	CAR304120511999022213 3711			Source Unknown	Source Unknown
Arroyo Burro Creek	CAR315320101999022213 4526			Golf course activities	Recreation Areas And Activities
Arroyo Burro Creek	CAR315320101999022213 4526			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo Burro Creek	CAR315320101999022213 4526			Natural Sources	Natural Sources
Arroyo Burro Creek	CAR315320101999022213 4526			Golf course activities	Recreation Areas And Activities
Arroyo Burro Creek	CAR315320101999022213 4526			Natural Sources	Natural Sources
Arroyo Burro Creek	CAR315320101999022213 4526			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo De La Cruz	CAR310120132002011714 1339			Grazing-Related Sources	Agriculture
Arroyo De La Cruz	CAR310120132002011714 1339			Natural Sources	Natural Sources
Arroyo De La Cruz	CAR310120132002011714 1339			Natural Sources	Natural Sources
Arroyo De La Cruz	CAR310120132002011714 1339			Grazing-Related Sources	Agriculture
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947			Grazing-Related Sources	Agriculture
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947			Agriculture	Agriculture
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947			Grazing-Related Sources	Agriculture
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo Grande Creek (below Lopez Lake)	CAR310310141998080411 3947			Agriculture	Agriculture
Arroyo Paredon	CAR315340101999022214 3223			Source Unknown	Source Unknown
Arroyo Paredon	CAR315340101999022214 3223			Groundwater Loadings	Groundwater Related
Arroyo Paredon	CAR315340101999022214 3223			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo Paredon	CAR315340101999022214 3223			Agriculture	Agriculture
Arroyo Paredon	CAR315340101999022214 3223			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo Paredon	CAR315340101999022214 3223			Agriculture	Agriculture
Arroyo Paredon	CAR315340101999022214 3223			Source Unknown	Source Unknown
Arroyo Paredon	CAR315340101999022214 3223			Agriculture	Agriculture
Arroyo Paredon	CAR315340101999022214 3223			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo Paredon	CAR315340101999022214 3223			Groundwater Loadings	Groundwater Related
Arroyo Paredon	CAR315340101999022214 3223			Removal of Riparian Vegetation	Habitat Modification
Arroyo Paredon	CAR315340101999022214 3223			Groundwater Loadings	Groundwater Related
Arroyo Paredon	CAR315340101999022214 3223			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo Paredon	CAR315340101999022214 3223			Agriculture	Agriculture
Arroyo Paredon	CAR315340101999022214 3223			Agriculture	Agriculture
Arroyo Paredon	CAR315340101999022214 3223			Groundwater Loadings	Groundwater Related
Arroyo Paredon	CAR315340101999022214 3223			Urban Runoff/Storm Sewers	Urban Runoff
Arroyo Seco River	CAR309600321999022214 4047			Source Unknown	Source Unknown
Arroyo Seco River	CAR309600321999022214 4047			Source Unknown	Source Unknown
Atascadero Creek (San Luis Obispo County)	CAR309811241999022214 5136			Source Unknown	Source Unknown
Atascadero Creek (San Luis Obispo County)	CAR309811241999022214 5136			Source Unknown	Source Unknown

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Atascadero Creek (San Luis Obispo County)	CAR309811241999022214513 6			Source Unknown	Source Unknown
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Grazing-Related Sources	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Urban Runoff/Storm Sewers	Urban Runoff
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Agriculture	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Confined Animal Feeding Operations (NPS)	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Urban Runoff/Storm Sewers	Urban Runoff
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Grazing-Related Sources	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Natural Sources	Natural Sources
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Confined Animal Feeding Operations (NPS)	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Agriculture	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Agriculture	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Grazing-Related Sources	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Confined Animal Feeding Operations (NPS)	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Urban Runoff/Storm Sewers	Urban Runoff
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Natural Sources	Natural Sources
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Urban Runoff/Storm Sewers	Urban Runoff
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Natural Sources	Natural Sources
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Agriculture	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Confined Animal Feeding Operations (NPS)	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Grazing-Related Sources	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Confined Animal Feeding Operations (NPS)	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Grazing-Related Sources	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Agriculture	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Urban Runoff/Storm Sewers	Urban Runoff
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Grazing-Related Sources	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Agriculture	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Urban Runoff/Storm Sewers	Urban Runoff
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Confined Animal Feeding Operations (NPS)	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Agriculture	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Urban Runoff/Storm Sewers	Urban Runoff
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Grazing-Related Sources	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Confined Animal Feeding Operations (NPS)	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Agriculture	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Urban Runoff/Storm Sewers	Urban Runoff
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Confined Animal Feeding Operations (NPS)	Agriculture
Atascadero Creek (Santa Barbara county)	CAR315310111999022214575 0			Grazing-Related Sources	Agriculture
Beach Road Ditch	CAR305100302008060312383 9			Agriculture	Agriculture
Beach Road Ditch	CAR305100302008060312383 9			Removal of Riparian Vegetation	Habitat Modification
Beach Road Ditch	CAR305100302008060312383 9			Agriculture	Agriculture
Beach Road Ditch	CAR305100302008060312383 9			Removal of Riparian Vegetation	Habitat Modification
Beach Road Ditch	CAR305100302008060312383 9			Removal of Riparian Vegetation	Habitat Modification
Beach Road Ditch	CAR305100302008060312383 9			Agriculture	Agriculture
Beach Road Ditch	CAR305100302008060312383 9			Agriculture	Agriculture
Bean Creek	CAR304120411999022215225 1	2/19/2004		Nonpoint Source	Unspecified Nonpoint Source
Bean Creek	CAR304120411999022215225 1	2/19/2004		Resource Extraction	Resource Extraction
Bean Creek	CAR304120411999022215225 1	2/19/2004		Road Construction	Construction/Land Development
Bean Creek	CAR304120411999022215225 1	2/19/2004		Erosion/Siltation	Habitat Modification
Bean Creek	CAR304120411999022215225 1	2/19/2004		Disturbed Sites (Land Develop.)	Construction/Land Development
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	2/19/2004		Disturbed Sites (Land Develop.)	Construction/Land Development
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	2/19/2004		Erosion/Siltation	Habitat Modification
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	2/19/2004		Road Construction	Construction/Land Development
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	2/19/2004		Silviculture	Silviculture
Bear Creek(Santa Cruz County)	CAR304120301999022215333 9	2/19/2004		Nonpoint Source	Unspecified Nonpoint Source
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9			Natural Sources	Natural Sources
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9			Agriculture	Agriculture
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9			Grazing-Related Sources	Agriculture
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9			Urban Runoff/Storm Sewers	Urban Runoff
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9			Urban Runoff/Storm Sewers	Urban Runoff
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9			Agriculture	Agriculture
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9			Agriculture	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Bell Creek (Santa Barbara Co)	CAR315100132005053112262 9			Source Unknown	Source Unknown
Bennett Slough	CAR306000142008061116060 5			Source Unknown	Source Unknown
Bennett Slough	CAR306000142008061116060 5			Source Unknown	Source Unknown
Bennett Slough	CAR306000142008061116060 5			Source Unknown	Source Unknown
Blanco Drain	CAR309110101998120916150 9			Agriculture	Agriculture
Blanco Drain	CAR309110101998120916150 9			Agriculture	Agriculture
Blanco Drain	CAR309110101998120916150 9			Agriculture	Agriculture
Blanco Drain	CAR309110101998120916150 9			Groundwater Loadings	Groundwater Related
Blanco Drain	CAR309110101998120916150 9			Agriculture	Agriculture
Blanco Drain	CAR309110101998120916150 9			Groundwater Loadings	Groundwater Related
Blanco Drain	CAR309110101998120916150 9			Agricultural Return Flows	Agriculture
Blanco Drain	CAR309110101998120916150 9			Agriculture	Agriculture
Blanco Drain	CAR309110101998120916150 9			Agriculture-irrigation tailwater	Agriculture
Blanco Drain	CAR309110101998120916150 9			Irrigated Crop Production	Agriculture
Blanco Drain	CAR309110101998120916150 9			Agriculture-storm runoff	Agriculture
Blanco Drain	CAR309110101998120916150 9			Nonpoint Source	Unspecified Nonpoint Source
Blanco Drain	CAR309110101998120916150 9			Removal of Riparian Vegetation	Habitat Modification
Blanco Drain	CAR309110101998120916150 9			Agriculture	Agriculture
Blosser Channel	CAR312100302001112113594 1			Urban Runoff/Storm Sewers	Urban Runoff
Blosser Channel	CAR312100302001112113594 1			Intensive Animal Feeding Operations	Agriculture
Blosser Channel	CAR312100302001112113594 1			Agriculture	Agriculture
Blosser Channel	CAR312100302001112113594 1			Groundwater Withdrawal	Groundwater Related
Blosser Channel	CAR312100302001112113594 1			Intensive Animal Feeding Operations	Agriculture
Blosser Channel	CAR312100302001112113594 1			Agriculture	Agriculture
Blosser Channel	CAR312100302001112113594 1			Groundwater Withdrawal	Groundwater Related
Blosser Channel	CAR312100302001112113594 1			Natural Sources	Natural Sources
Blosser Channel	CAR312100302001112113594 1			Urban Runoff/Storm Sewers	Urban Runoff
Blosser Channel	CAR312100302001112113594 1			Groundwater Loadings	Groundwater Related
Blosser Channel	CAR312100302001112113594 1			Agriculture	Agriculture
Blosser Channel	CAR312100302001112113594 1			Urban Runoff/Storm Sewers	Urban Runoff
Blosser Channel	CAR312100302001112113594 1			Intensive Animal Feeding Operations	Agriculture
Blosser Channel	CAR312100302001112113594 1			Groundwater Withdrawal	Groundwater Related
Blosser Channel	CAR312100302001112113594 1			Urban Runoff/Storm Sewers	Urban Runoff
Blosser Channel	CAR312100302001112113594 1			Agriculture	Agriculture
Blosser Channel	CAR312100302001112113594 1			Agriculture	Agriculture
Blosser Channel	CAR312100302001112113594 1			Urban Runoff/Storm Sewers	Urban Runoff
Blosser Channel	CAR312100302001112113594 1			Groundwater Withdrawal	Groundwater Related
Boulder Creek	CAR304120201999022310251 4	2/19/2004		Disturbed Sites (Land Develop.)	Construction/Land Development
Boulder Creek	CAR304120201999022310251 4	2/19/2004		Erosion/Siltation	Habitat Modification
Boulder Creek	CAR304120201999022310251 4	2/19/2004		Nonpoint Source	Unspecified Nonpoint Source
Boulder Creek	CAR304120201999022310251 4	2/19/2004		Specialty Crop Production	Agriculture
Boulder Creek	CAR304120201999022310251 4	2/19/2004		Road Construction	Construction/Land Development
Boulder Creek	CAR304120201999022310251 4	2/19/2004		Silviculture	Silviculture
Bradley Canyon Creek	CAR312100302001112114484 0			Agriculture	Agriculture
Bradley Canyon Creek	CAR312100302001112114484 0			Natural Sources	Natural Sources
Bradley Canyon Creek	CAR312100302001112114484 0			Agriculture	Agriculture
Bradley Canyon Creek	CAR312100302001112114484 0			Agriculture	Agriculture
Bradley Canyon Creek	CAR312100302001112114484 0			Removal of Riparian Vegetation	Habitat Modification
Bradley Canyon Creek	CAR312100302001112114484 0			Removal of Riparian Vegetation	Habitat Modification
Bradley Canyon Creek	CAR312100302001112114484 0			Agriculture	Agriculture
Bradley Canyon Creek	CAR312100302001112114484 0			Agriculture	Agriculture
Bradley Canyon Creek	CAR312100302001112114484 0			Agriculture	Agriculture
Bradley Canyon Creek	CAR312100302001112114484 0			Urban Runoff/Storm Sewers	Urban Runoff
Bradley Canyon Creek	CAR312100302001112114484 0			Agriculture	Agriculture
Bradley Channel	CAR312100302002100223353 2			Agriculture	Agriculture
Bradley Channel	CAR312100302002100223353 2			Urban Runoff/Storm Sewers	Urban Runoff
Bradley Channel	CAR312100302002100223353 2			Urban Runoff/Storm Sewers	Urban Runoff
Bradley Channel	CAR312100302002100223353 2			Agriculture	Agriculture
Bradley Channel	CAR312100302002100223353 2			Agriculture	Agriculture
Bradley Channel	CAR312100302002100223353 2			Urban Runoff/Storm Sewers	Urban Runoff
Bradley Channel	CAR312100302002100223353 2			Agriculture	Agriculture
Bradley Channel	CAR312100302002100223353 2			Urban Runoff/Storm Sewers	Urban Runoff
Bradley Channel	CAR312100302002100223353 2			Agriculture	Agriculture
Bradley Channel	CAR312100302002100223353 2			Urban Runoff/Storm Sewers	Urban Runoff
Bradley Channel	CAR312100302002100223353 2			Agriculture	Agriculture
Bradley Channel	CAR312100302002100223353 2			Urban Runoff/Storm Sewers	Urban Runoff

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Bradley Channel	CAR3121003020021002233532			Agriculture	Agriculture
Bradley Channel	CAR3121003020021002233532			Urban Runoff/Storm Sewers	Urban Runoff
Branciforte Creek	CAR3041205119990223104548			Source Unknown	Source Unknown
Branciforte Creek	CAR3041205119990223104548			Source Unknown	Source Unknown
Branciforte Creek	CAR3041205119990223104548			Source Unknown	Source Unknown
Branciforte Creek	CAR3041205119990223104548			Source Unknown	Source Unknown
Branciforte Creek	CAR3041205119990223104548	2/19/2004		Nonpoint Source	Unspecified Nonpoint Source
Branciforte Creek	CAR3041205119990223104548	2/19/2004		Silviculture	Silviculture
Branciforte Creek	CAR3041205119990223104548	2/19/2004		Road Construction	Construction/Land Development
Canada De La Gaviota	CAR3151003119990223115746			Natural Sources	Natural Sources
Canada De La Gaviota	CAR3151003119990223115746			Highway/Road/Bridge Runoff	Other Runoff
Canada De La Gaviota	CAR3151003119990223115746			Grazing-Related Sources	Agriculture
Canada De La Gaviota	CAR3151003119990223115746			Highway/Road/Bridge Runoff	Other Runoff
Canada De La Gaviota	CAR3151003119990223115746			Natural Sources	Natural Sources
Canada De La Gaviota	CAR3151003119990223115746			Grazing-Related Sources	Agriculture
Canada De La Gaviota	CAR3151003119990223115746			Grazing-Related Sources	Agriculture
Canada De La Gaviota	CAR3151003119990223115746			Natural Sources	Natural Sources
Canada De La Gaviota	CAR3151003119990223115746			Highway/Road/Bridge Runoff	Other Runoff
Canada De La Gaviota	CAR3151003119990223115746			Grazing-Related Sources	Agriculture
Canada De La Gaviota	CAR3151003119990223115746			Natural Sources	Natural Sources
Canada De La Gaviota	CAR3151003119990223115746			Highway/Road/Bridge Runoff	Other Runoff
Canada De La Gaviota	CAR3151003119990223115746			Highway/Road/Bridge Runoff	Other Runoff
Canada De La Gaviota	CAR3151003119990223115746			Grazing-Related Sources	Agriculture
Canada De La Gaviota	CAR3151003119990223115746			Natural Sources	Natural Sources
Canada Del Refugio	CAR3151002219990223132423			Grazing-Related Sources	Agriculture
Canada Del Refugio	CAR3151002219990223132423			Agriculture	Agriculture
Canada Del Refugio	CAR3151002219990223132423			Natural Sources	Natural Sources
Canada Del Refugio	CAR3151002219990223132423			Natural Sources	Natural Sources
Canada Del Refugio	CAR3151002219990223132423			Grazing-Related Sources	Agriculture
Canada Del Refugio	CAR3151002219990223132423			Agriculture	Agriculture
Canada Del Refugio	CAR3151002219990223132423			Agriculture	Agriculture
Canada Del Refugio	CAR3151002219990223132423			Grazing-Related Sources	Agriculture
Canada Del Refugio	CAR3151002219990223132423			Natural Sources	Natural Sources
Carbonera Creek	CAR3041205319980825105618	1/14/2003		Pasture Grazing-Riparian and/or Upland	Agriculture
Carbonera Creek	CAR3041205319980825105618	1/14/2003		Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Carbonera Creek	CAR3041205319980825105618	1/14/2003		Nonpoint Source	Unspecified Nonpoint Source
Carbonera Creek	CAR3041205319980825105618	1/14/2003		Natural Sources	Natural Sources
Carbonera Creek	CAR3041205319980825105618			Urban Runoff/Storm Sewers	Urban Runoff
Carbonera Creek	CAR3041205319980825105618			Nonpoint Source	Unspecified Nonpoint Source
Carbonera Creek	CAR3041205319980825105618	1/1/2003		Nonpoint Source	Unspecified Nonpoint Source
Carbonera Creek	CAR3041205319980825105618	1/1/2003		Construction/Land Developmen	Construction/Land Development
Carnadero Creek	CAR3053002019990223155037			Natural Sources	Natural Sources
Carnadero Creek	CAR3053002019990223155037			Urban Runoff/Storm Sewers	Urban Runoff
Carnadero Creek	CAR3053002019990223155037			Agriculture	Agriculture
Carnadero Creek	CAR3053002019990223155037			Agriculture	Agriculture
Carnadero Creek	CAR3053002019990223155037			Natural Sources	Natural Sources
Carnadero Creek	CAR3053002019990223155037			Urban Runoff/Storm Sewers	Urban Runoff
Carnadero Creek	CAR3053002019990223155037			Agriculture	Agriculture
Carnadero Creek	CAR3053002019990223155037			Urban Runoff/Storm Sewers	Urban Runoff
Carnadero Creek	CAR3053002019990223155037			Agriculture	Agriculture
Carnadero Creek	CAR3053002019990223155037			Urban Runoff/Storm Sewers	Urban Runoff
Carnadero Creek	CAR3053002019990223155037			Urban Runoff/Storm Sewers	Urban Runoff
Carnadero Creek	CAR3053002019990223155037			Agriculture	Agriculture
Carnadero Creek	CAR3053002019990223155037			Agriculture	Agriculture
Carnadero Creek	CAR3053002019990223155037			Urban Runoff/Storm Sewers	Urban Runoff
Carneros Creek (Monterey County)	CAR3060001020090115165216			Source Unknown	Source Unknown
Carneros Creek (Monterey County)	CAR3060001020090115165216			Agriculture	Agriculture
Carneros Creek (Monterey County)	CAR3060001020090115165216			Agriculture	Agriculture
Carneros Creek (Monterey County)	CAR3060001020090115165216			Natural Sources	Natural Sources
Carneros Creek (Monterey County)	CAR3060001020090115165216			Agriculture	Agriculture
Carneros Creek (Monterey County)	CAR3060001020090115165216			Agriculture	Agriculture
Carneros Creek (Monterey County)	CAR3060001020090115165216			Source Unknown	Source Unknown
Carneros Creek (Monterey County)	CAR3060001020090115165216			Source Unknown	Source Unknown
Carneros Creek (Monterey County)	CAR3060001020090115165216			Agriculture	Agriculture
Carpinteria Creek	CAR3153402019980825112405			Agriculture	Agriculture
Carpinteria Creek	CAR3153402019980825112405			Urban Runoff/Storm Sewers	Urban Runoff
Carpinteria Creek	CAR3153402019980825112405			Urban Runoff/Storm Sewers	Urban Runoff
Carpinteria Creek	CAR3153402019980825112405			Natural Sources	Natural Sources
Carpinteria Creek	CAR3153402019980825112405			Agriculture	Agriculture
Carpinteria Creek	CAR3153402019980825112405			Urban Runoff/Storm Sewers	Urban Runoff

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Carpinteria Creek	CAR315340201998082511240 5			Natural Sources	Natural Sources
Carpinteria Creek	CAR315340201998082511240 5			Agriculture	Agriculture
Carpinteria Creek	CAR315340201998082511240 5			Urban Runoff/Storm Sewers	Urban Runoff
Carpinteria Creek	CAR315340201998082511240 5			Agriculture	Agriculture
Carpinteria Creek	CAR315340201998082511240 5			Urban Runoff/Storm Sewers	Urban Runoff
Carpinteria Creek	CAR315340201998082511240 5			Agriculture	Agriculture
Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4			Urban Runoff/Storm Sewers	Urban Runoff
Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4			Groundwater Loadings	Groundwater Related
Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4			Agriculture	Agriculture
Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4			Groundwater Loadings	Groundwater Related
Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4			Urban Runoff/Storm Sewers	Urban Runoff
Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4			Agriculture	Agriculture
Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4			Urban Runoff/Storm Sewers	Urban Runoff
Carpinteria Marsh (El Estero Marsh)	CAE315340201998082716514 4			Agriculture	Agriculture
Casmalia Canyon Creek	CAR313000402002011714550 8			Source Unknown	Source Unknown
Chesbro Reservoir	CAL305200142002012416225 5			Source Unknown	Source Unknown
Cholame Creek	CAR317000812001112708072 7			Grazing-Related Sources	Agriculture
Cholame Creek	CAR317000812001112708072 7			Source Unknown	Source Unknown
Cholame Creek	CAR317000812001112708072 7			Natural Sources	Natural Sources
Cholame Creek	CAR317000812001112708072 7			Natural Sources	Natural Sources
Cholame Creek	CAR317000812001112708072 7			Grazing-Related Sources	Agriculture
Cholame Creek	CAR317000812001112708072 7			Natural Sources	Natural Sources
Cholame Creek	CAR317000812001112708072 7			Grazing-Related Sources	Agriculture
Cholame Creek	CAR317000812001112708072 7			Grazing-Related Sources	Agriculture
Cholame Creek	CAR317000812001112708072 7			Natural Sources	Natural Sources
Cholame Creek	CAR317000812001112708072 7			Natural Sources	Natural Sources
Cholame Creek	CAR317000812001112708072 7			Grazing-Related Sources	Agriculture
Cholame Creek	CAR317000812001112708072 7			Grazing-Related Sources	Agriculture
Cholame Creek	CAR317000812001112708072 7			Natural Sources	Natural Sources
Cholame Creek	CAR317000812001112708072 7			Grazing-Related Sources	Agriculture
Cholame Creek	CAR317000812001112708072 7			Natural Sources	Natural Sources
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Grazing-Related Sources	Agriculture
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Urban Runoff/Storm Sewers	Urban Runoff
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Natural Sources	Natural Sources
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Agriculture	Agriculture
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Source Unknown	Source Unknown
Chorro Creek	CAR310220121998082512081 7	7/17/2007		Agriculture	Agriculture
Chorro Creek	CAR310220121998082512081 7	7/17/2007		Major Municipal Point Source-dry and/or wet weather discharge	Municipal Wastewater
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Agriculture-storm runoff	Agriculture
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Golf course activities	Recreation Areas And Activities
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Channel Erosion	Hydromodification
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Nonpoint Source	Unspecified Nonpoint Source
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Channelization	Hydromodification
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Agriculture	Agriculture
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Range Grazing-Upland	Agriculture
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Road Construction	Construction/Land Development
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Irrigated Crop Production	Agriculture
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Hydromodification	Hydromodification
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Resource Extraction	Resource Extraction
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Streambank Modification/Destabilization	Hydromodification
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Erosion/Siltation	Habitat Modification
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Range Grazing-Riparian and/or Upland	Agriculture
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Natural Sources	Natural Sources
Chorro Creek	CAR310220121998082512081 7	1/20/2004		Construction/Land Developmen	Construction/Land Development
Chualar Creek	CAR309190002008060416133 7			Removal of Riparian Vegetation	Habitat Modification
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Natural Sources	Natural Sources
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Natural Sources	Natural Sources
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Chualar Creek	CAR309190002008060416133 7			Removal of Riparian Vegetation	Habitat Modification
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Removal of Riparian Vegetation	Habitat Modification
Chualar Creek	CAR309190002008060416133 7			Removal of Riparian Vegetation	Habitat Modification
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Other Urban Runoff	Urban Runoff
Chualar Creek	CAR309190002008060416133 7			Agriculture	Agriculture
Chualar Creek	CAR309190002008060416133 7			Urban Runoff/Storm Sewers	Urban Runoff
Chumash Creek	CAR310220112002100121351 4		For 2006, fecal coliform was moved by USEPA from the being addressed list back to the 303(d) list pending completion and USEPA approval of a TMDL.	Source Unknown	Source Unknown
Cieneguitas Creek	CAR315310112008061216590 8			Pasture Grazing-Upland	Agriculture
Cieneguitas Creek	CAR315310112008061216590 8			Urban Runoff/Storm Sewers	Urban Runoff
Cieneguitas Creek	CAR315310112008061216590 8			Natural Sources	Natural Sources
Cieneguitas Creek	CAR315310112008061216590 8			Natural Sources	Natural Sources
Cieneguitas Creek	CAR315310112008061216590 8			Grazing-Related Sources	Agriculture
Cieneguitas Creek	CAR315310112008061216590 8			Urban Runoff/Storm Sewers	Urban Runoff
Cieneguitas Creek	CAR315310112008061216590 8			Source Unknown	Source Unknown
Cieneguitas Creek	CAR315310112008061216590 8			Urban Runoff/Storm Sewers	Urban Runoff
Cieneguitas Creek	CAR315310112008061216590 8			Unknown Point Source	Unspecified Point Source
Clear Creek (San Benito County)	CAR305500132002100418114 6	6/3/2004	For 2006, mercury was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.	Resource Extraction	Resource Extraction
Corcoran Lagoon	CAW304130142010081617112 3			Source Unknown	Source Unknown
Corcoran Lagoon	CAW304130142010081617112 3			Source Unknown	Source Unknown
Corralitos Creek	CAR305100101999022510270 4			Urban Runoff/Storm Sewers	Urban Runoff
Corralitos Creek	CAR305100101999022510270 4			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Corralitos Creek	CAR305100101999022510270 4			Collection System Failure	Municipal Wastewater
Corralitos Creek	CAR305100101999022510270 4			Pasture Grazing-Riparian and/or Upland	Agriculture
Corralitos Creek	CAR305100101999022510270 4			Natural Sources	Natural Sources
Corralitos Creek	CAR305100101999022510270 4			Transient encampments	Miscellaneous
Corralitos Creek	CAR305100101999022510270 4			Combined Sewer Overflow	Municipal Wastewater
Corralitos Creek	CAR305100101999022510270 4			Urban Runoff/Storm Sewers	Urban Runoff
Corralitos Creek	CAR305100101999022510270 4			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Corralitos Creek	CAR305100101999022510270 4			Pasture Grazing-Riparian and/or Upland	Agriculture
Corralitos Creek	CAR305100101999022510270 4			Collection System Failure	Municipal Wastewater
Corralitos Creek	CAR305100101999022510270 4			Natural Sources	Natural Sources
Corralitos Creek	CAR305100101999022510270 4			Transient encampments	Miscellaneous
Corralitos Creek	CAR305100101999022510270 4		The impaired length is from the Salsipuedes Creek to Browns Valley Road. There is no evidence of impairment above Browns Valley Road.	Agriculture	Agriculture
Corralitos Creek	CAR305100101999022510270 4		The impaired length is from the Salsipuedes Creek to Browns Valley Road. There is no evidence of impairment above Browns Valley Road.	Urban Runoff/Storm Sewers	Urban Runoff
Corralitos Creek	CAR305100101999022510270 4			Agriculture	Agriculture
Corralitos Creek	CAR305100101999022510270 4			Urban Runoff/Storm Sewers	Urban Runoff
Corralitos Creek	CAR305100101999022510270 4			Natural Sources	Natural Sources
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is below the Highway 33 Bridge (between Buckhorn Road and Highway 33 Bridge).	Natural Sources	Natural Sources
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is below the Highway 33 Bridge (between Buckhorn Road and Highway 33 Bridge).	Municipal Point Sources	Municipal Wastewater
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is below the Highway 33 Bridge (between Buckhorn Road and Highway 33 Bridge).	Agriculture	Agriculture
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is below the Highway 33 Bridge (between Buckhorn Road and Highway 33 Bridge).	Grazing-Related Sources	Agriculture
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is below the Highway 33 Bridge (between Buckhorn Road and Highway 33 Bridge).	Resource Extraction	Resource Extraction
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is between Twitchell Reservoir and the Highway 33 Bridge.	Agriculture	Agriculture
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is between Twitchell Reservoir and the Highway 33 Bridge.	Natural Sources	Natural Sources
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is between Twitchell Reservoir and the Highway 33 Bridge.	Resource Extraction	Resource Extraction
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is between Twitchell Reservoir and the Highway 33 Bridge.	Municipal Point Sources	Municipal Wastewater
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5		The impaired length is between Twitchell Reservoir and the Highway 33 Bridge.	Grazing-Related Sources	Agriculture
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5			Agriculture	Agriculture
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5			Resource Extraction	Resource Extraction
Cuyama River (above Twitchell Reservior)	CAR312300602008061117364 5			Natural Sources	Natural Sources

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Grazing-Related Sources	Agriculture
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Municipal Point Sources	Municipal Wastewater
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645		The impaired length is between Twitchel Reservoir and the Highway 33 Bridge.	Natural Sources	Natural Sources
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645		The impaired length is between Twitchel Reservoir and the Highway 33 Bridge.	Agriculture	Agriculture
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645		The impaired length is between Twitchel Reservoir and the Highway 33 Bridge.	Grazing-Related Sources	Agriculture
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Grazing-Related Sources	Agriculture
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Agriculture	Agriculture
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Municipal Point Sources	Municipal Wastewater
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Resource Extraction	Resource Extraction
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Natural Sources	Natural Sources
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Agriculture	Agriculture
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Grazing-Related Sources	Agriculture
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Municipal Point Sources	Municipal Wastewater
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Natural Sources	Natural Sources
Cuyama River (above Twitchell Reservior)	CAR3123006020080611173645			Resource Extraction	Resource Extraction
Dairy Creek	CAR3102201019990225114123	1/20/2004	For 2006, fecal coliform was moved by USEPA from the being addressed list back to the 303(d) list pending completion and USEPA approval of a TMDL.	Confined Animal Feeding Operations (NPS)	Agriculture
Dairy Creek	CAR3102201019990225114123	1/1/2004		Source Unknown	Source Unknown
Devereux Creek	CAR3153102020080612164650			Urban Runoff/Storm Sewers	Urban Runoff
Devereux Creek	CAR3153102020080612164650			Golf course activities	Recreation Areas And Activities
Devereux Creek	CAR3153102020080612164650			Natural Sources	Natural Sources
Devereux Creek	CAR3153102020080612164650			Natural Sources	Natural Sources
Devereux Creek	CAR3153102020080612164650			Urban Runoff/Storm Sewers	Urban Runoff
Devereux Creek	CAR3153102020080612164650			Golf course activities	Recreation Areas And Activities
Dos Pueblos Canyon Creek	CAR3151001119990225122436			Source Unknown	Source Unknown
Elkhorn Slough	CAE3060001419981209073137			Urban Runoff/Storm Sewers	Urban Runoff
Elkhorn Slough	CAE3060001419981209073137			Agriculture	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Grazing-Related Sources	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Natural Sources	Natural Sources
Elkhorn Slough	CAE3060001419981209073137			Agricultural Return Flows	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Erosion/Siltation	Habitat Modification
Elkhorn Slough	CAE3060001419981209073137			Nonpoint Source	Unspecified Nonpoint Source
Elkhorn Slough	CAE3060001419981209073137			Agriculture	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Agriculture-storm runoff	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Irrigated Crop Production	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Contaminated Sediments	Sediment
Elkhorn Slough	CAE3060001419981209073137			Channel Erosion	Hydromodification
Elkhorn Slough	CAE3060001419981209073137			Nonpoint Source	Unspecified Nonpoint Source
Elkhorn Slough	CAE3060001419981209073137			Irrigated Crop Production	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Agriculture-storm runoff	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Agriculture	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Source Unknown	Source Unknown
Elkhorn Slough	CAE3060001419981209073137			Urban Runoff/Storm Sewers	Urban Runoff
Elkhorn Slough	CAE3060001419981209073137			Agriculture	Agriculture
Elkhorn Slough	CAE3060001419981209073137			Natural Sources	Natural Sources
Elkhorn Slough	CAE3060001419981209073137			Grazing-Related Sources	Agriculture
Esperanza Creek	CAR3091101020080604161515			Source Unknown	Source Unknown
Espinosa Lake	CAL3091900020020117151744			Source Unknown	Source Unknown
Espinosa Lake	CAL3091900020020117151744			Agriculture	Agriculture
Espinosa Slough	CAR3091101019981230135152			Agriculture	Agriculture
Espinosa Slough	CAR3091101019981230135152			Agriculture	Agriculture
Espinosa Slough	CAR3091101019981230135152			Agriculture	Agriculture
Espinosa Slough	CAR3091101019981230135152			Agriculture	Agriculture
Espinosa Slough	CAR3091101019981230135152			Urban Runoff/Storm Sewers	Urban Runoff
Espinosa Slough	CAR3091101019981230135152			Nonpoint Source	Unspecified Nonpoint Source
Espinosa Slough	CAR3091101019981230135152			Agriculture	Agriculture
Espinosa Slough	CAR3091101019981230135152			Agriculture	Agriculture
Espinosa Slough	CAR3091101019981230135152			Agriculture	Agriculture
Espinosa Slough	CAR3091101019981230135152			Agriculture	Agriculture
Estrella River	CAR3170007119990225125807			Agriculture	Agriculture
Estrella River	CAR3170007119990225125807			Grazing-Related Sources	Agriculture
Estrella River	CAR3170007119990225125807			Natural Sources	Natural Sources
Estrella River	CAR3170007119990225125807			Natural Sources	Natural Sources
Estrella River	CAR3170007119990225125807			Grazing-Related Sources	Agriculture
Estrella River	CAR3170007119990225125807			Agriculture	Agriculture
Estrella River	CAR3170007119990225125807			Grazing-Related Sources	Agriculture
Estrella River	CAR3170007119990225125807			Natural Sources	Natural Sources
Estrella River	CAR3170007119990225125807			Agriculture	Agriculture
Estrella River	CAR3170007119990225125807			Natural Sources	Natural Sources
Estrella River	CAR3170007119990225125807			Agriculture	Agriculture
Estrella River	CAR3170007119990225125807			Grazing-Related Sources	Agriculture
Estrella River	CAR3170007119990225125807			Natural Sources	Natural Sources
Estrella River	CAR3170007119990225125807			Grazing-Related Sources	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Estrella River	CAR317000711999022512580 7			Agriculture	Agriculture
Fall Creek	CAR304120221999022513332 6	2/19/2004		Nonpoint Source	Unspecified Nonpoint Source
Fall Creek	CAR304120221999022513332 6	2/19/2004		Erosion/Siltation	Habitat Modification
Fall Creek	CAR304120221999022513332 6	2/19/2004		Habitat Modification	Habitat Modification
Fall Creek	CAR304120221999022513332 6	2/19/2004		Road Construction	Construction/Land Development
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Urban Runoff/Storm Sewers	Urban Runoff
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Agriculture	Agriculture
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Urban Runoff/Storm Sewers	Urban Runoff
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Agriculture	Agriculture
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Natural Sources	Natural Sources
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Natural Sources	Natural Sources
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Urban Runoff/Storm Sewers	Urban Runoff
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Agriculture	Agriculture
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Agriculture	Agriculture
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Groundwater Loadings	Groundwater Related
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Urban Runoff/Storm Sewers	Urban Runoff
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Natural Sources	Natural Sources
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Groundwater Loadings	Groundwater Related
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Urban Runoff/Storm Sewers	Urban Runoff
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Agriculture	Agriculture
Franklin Creek (Santa Barbara County)	CAR315340201999022513435 7			Source Unknown	Source Unknown
Furlong Creek	CAR305300201999022211193 2			Agriculture	Agriculture
Furlong Creek	CAR305300201999022211193 2			Agriculture	Agriculture
Furlong Creek	CAR305300201999022211193 2			Natural Sources	Natural Sources
Furlong Creek	CAR305300201999022211193 2			Agriculture	Agriculture
Furlong Creek	CAR305300201999022211193 2			Natural Sources	Natural Sources
Furlong Creek	CAR305300201999022211193 2			Agriculture	Agriculture
Furlong Creek	CAR305300201999022211193 2			Agriculture	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Agriculture	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Grazing-Related Sources	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Other Urban Runoff	Urban Runoff
Gabilan Creek	CAR309190001999030409234 5			Other Urban Runoff	Urban Runoff
Gabilan Creek	CAR309190001999030409234 5			Agriculture	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Grazing-Related Sources	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Other Urban Runoff	Urban Runoff
Gabilan Creek	CAR309190001999030409234 5			Grazing-Related Sources	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Agriculture	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Other Urban Runoff	Urban Runoff
Gabilan Creek	CAR309190001999030409234 5			Agriculture	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Grazing-Related Sources	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Grazing-Related Sources	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Agriculture	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Other Urban Runoff	Urban Runoff
Gabilan Creek	CAR309190001999030409234 5			Grazing-Related Sources	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Other Urban Runoff	Urban Runoff
Gabilan Creek	CAR309190001999030409234 5			Agriculture	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Other Urban Runoff	Urban Runoff
Gabilan Creek	CAR309190001999030409234 5			Grazing-Related Sources	Agriculture
Gabilan Creek	CAR309190001999030409234 5			Agriculture	Agriculture
Gallighan Slough	CAR305100302008061614505 3	7/19/2007		Source Unknown	Source Unknown
Glen Annie Canyon	CAR315310201999030410273 5			Golf course activities	Recreation Areas And Activities
Glen Annie Canyon	CAR315310201999030410273 5			Grazing-Related Sources	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Other Urban Runoff	Urban Runoff
Glen Annie Canyon	CAR315310201999030410273 5			Agriculture	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Golf course activities	Recreation Areas And Activities
Glen Annie Canyon	CAR315310201999030410273 5			Grazing-Related Sources	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Other Urban Runoff	Urban Runoff
Glen Annie Canyon	CAR315310201999030410273 5			Agriculture	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Natural Sources	Natural Sources
Glen Annie Canyon	CAR315310201999030410273 5			Grazing-Related Sources	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Natural Sources	Natural Sources
Glen Annie Canyon	CAR315310201999030410273 5			Agriculture	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Golf course activities	Recreation Areas And Activities
Glen Annie Canyon	CAR315310201999030410273 5			Other Urban Runoff	Urban Runoff
Glen Annie Canyon	CAR315310201999030410273 5			Agriculture	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Golf course activities	Recreation Areas And Activities
Glen Annie Canyon	CAR315310201999030410273 5			Grazing-Related Sources	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Natural Sources	Natural Sources
Glen Annie Canyon	CAR315310201999030410273 5			Other Urban Runoff	Urban Runoff
Glen Annie Canyon	CAR315310201999030410273 5			Other Urban Runoff	Urban Runoff
Glen Annie Canyon	CAR315310201999030410273 5			Grazing-Related Sources	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Agriculture	Agriculture
Glen Annie Canyon	CAR315310201999030410273 5			Golf course activities	Recreation Areas And Activities

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Glen Annie Canyon	CAR3153102019990304102735			Grazing-Related Sources	Agriculture
Glen Annie Canyon	CAR3153102019990304102735			Other Urban Runoff	Urban Runoff
Glen Annie Canyon	CAR3153102019990304102735			Golf course activities	Recreation Areas And Activities
Glen Annie Canyon	CAR3153102019990304102735			Agriculture	Agriculture
Glen Annie Canyon	CAR3153102019990304102735			Golf course activities	Recreation Areas And Activities
Glen Annie Canyon	CAR3153102019990304102735			Grazing-Related Sources	Agriculture
Glen Annie Canyon	CAR3153102019990304102735			Agriculture	Agriculture
Goleta Slough/Estuary	CAE3153102019981209141309			Source Unknown	Source Unknown
Goleta Slough/Estuary	CAE3153102019981209141309			Urban Runoff/Storm Sewers	Urban Runoff
Goleta Slough/Estuary	CAE3153102019981209141309			Natural Sources	Natural Sources
Goleta Slough/Estuary	CAE3153102019981209141309			Nonpoint Source	Unspecified Nonpoint Source
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Unknown Nonpoint Source	Unspecified Nonpoint Source
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Removal of Riparian Vegetation	Habitat Modification
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Agriculture	Agriculture
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Agriculture	Agriculture
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Unknown Nonpoint Source	Unspecified Nonpoint Source
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Unknown Nonpoint Source	Unspecified Nonpoint Source
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Removal of Riparian Vegetation	Habitat Modification
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Agriculture	Agriculture
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Unknown Nonpoint Source	Unspecified Nonpoint Source
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Agriculture	Agriculture
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Removal of Riparian Vegetation	Habitat Modification
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Removal of Riparian Vegetation	Habitat Modification
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Agriculture	Agriculture
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Unknown Nonpoint Source	Unspecified Nonpoint Source
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Removal of Riparian Vegetation	Habitat Modification
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Agriculture	Agriculture
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Unknown Nonpoint Source	Unspecified Nonpoint Source
Greene Valley Creek (Santa Barbara County)	CAR3121003020080611165954			Agriculture	Agriculture
Hanson Slough	CAR3051003020080616145237	7/19/2007		Source Unknown	Source Unknown
Harkins Slough	CAR3051001320080603122917			Source Unknown	Source Unknown
Harkins Slough	CAR3051001320080603122917			Source Unknown	Source Unknown
Harkins Slough	CAR3051001320080603122917	7/19/2007		Source Unknown	Source Unknown
Hernandez Reservoir	CAL3055001619980828154910	6/3/2004	For 2006, mercury was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.	Subsurface Mining	Resource Extraction
Jalama Creek	CAR3151005119990304115034			Grazing-Related Sources	Agriculture
Jalama Creek	CAR3151005119990304115034			Natural Sources	Natural Sources
Jalama Creek	CAR3151005119990304115034			Natural Sources	Natural Sources
Jalama Creek	CAR3151005119990304115034			Grazing-Related Sources	Agriculture
Kings Creek	CAR3041201119990304115830	2/19/2004		Nonpoint Source	Unspecified Nonpoint Source
Kings Creek	CAR3041201119990304115830	2/19/2004		Disturbed Sites (Land Develop.)	Construction/Land Development
Kings Creek	CAR3041201119990304115830	2/19/2004		Erosion/Siltation	Habitat Modification
Kings Creek	CAR3041201119990304115830	2/19/2004		Road Construction	Construction/Land Development
Kings Creek	CAR3041201119990304115830	2/19/2004		Silviculture	Silviculture
Las Tablas Creek	CAR3098129319980825123721			Surface Mining	Resource Extraction
Las Tablas Creek, North Fork	CAR3098129019980828104645			Surface Mining	Resource Extraction
Las Tablas Creek, South Fork	CAR3098129019980828110227			Surface Mining	Resource Extraction
Little Oso Flaco Creek	CAR3121003020080611165546			Source Unknown	Source Unknown
Little Oso Flaco Creek	CAR3121003020080611165546			Groundwater Loadings	Groundwater Related
Little Oso Flaco Creek	CAR3121003020080611165546			Agriculture	Agriculture
Little Oso Flaco Creek	CAR3121003020080611165546			Agriculture	Agriculture
Little Oso Flaco Creek	CAR3121003020080611165546			Agriculture	Agriculture
Llagas Creek (above Chesbro Reservoir)	CAR3052001419980826100148			Source Unknown	Source Unknown
Llagas Creek (above Chesbro Reservoir)	CAR3052001419980826100148			Source Unknown	Source Unknown
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Chlorides is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).	Nonpoint Source	Unspecified Nonpoint Source
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Chlorides is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).	Point Source	Unspecified Point Source
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726			Agriculture	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726			Source Unknown	Source Unknown
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726			Source Unknown	Source Unknown
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726			Source Unknown	Source Unknown
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Fecal Coliform is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Nonpoint Source	Unspecified Nonpoint Source
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Fecal Coliform is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Pasture Grazing-Riparian and/or Upland	Agriculture

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Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Fecal Coliform is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Natural Sources	Natural Sources
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		This listing was made by USEPA.	Irrigated Crop Production	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		This listing was made by USEPA.	Municipal Point Sources	Municipal Wastewater
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		This listing was made by USEPA.	Agricultural Return Flows	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		This listing was made by USEPA.	Habitat Modification	Habitat Modification
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Irrigated Crop Production	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Agriculture-irrigation tailwater	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Municipal Point Sources	Municipal Wastewater
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Pasture Grazing-Riparian and/or Upland	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Unknown Point Source	Unspecified Point Source
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Nonpoint Source	Unspecified Nonpoint Source
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Agriculture	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Agricultural Return Flows	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Urban Runoff/Storm Sewers	Urban Runoff
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Habitat Modification	Habitat Modification
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	10/13/2006	Nutrients Medium 16 Impaired section for Nutrients is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Agriculture-storm runoff	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	5/3/2007	Impaired section for Sediment/Siltation is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Habitat Modification	Habitat Modification
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	5/3/2007	Impaired section for Sediment/Siltation is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Agriculture	Agriculture
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726	5/3/2007	Impaired section for Sediment/Siltation is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Hydromodification	Hydromodification
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Sodium is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).	Nonpoint Source	Unspecified Nonpoint Source
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Sodium is located downstream of confluence with Miller Slough (approximately 1 mile of stream near Southside Drive).	Source Unknown	Source Unknown
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Total Dissolved Solids is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Nonpoint Source	Unspecified Nonpoint Source
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726		Impaired section for Total Dissolved Solids is located between the confluence with Church Creek and the confluence with Pajaro River (approximately 9.5 miles of stream length).	Point Source	Unspecified Point Source
Llagas Creek (below Chesbro Reservoir)	CAR3053002020020319075726			Source Unknown	Source Unknown
Lockhart Gulch	CAR3041204119990304141558			Source Unknown	Source Unknown
Lockhart Gulch	CAR3041204119990304141558			Source Unknown	Source Unknown
Lompico Creek	CAR3041204019980826100810	1/14/2003		Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Lompico Creek	CAR3041204019980826100810	1/14/2003		Nonpoint Source	Unspecified Nonpoint Source
Lompico Creek	CAR3041204019980826100810	1/14/2003		Pasture Grazing-Riparian and/or Upland	Agriculture
Lompico Creek	CAR3041204019980826100810	1/14/2003		Natural Sources	Natural Sources
Lompico Creek	CAR3041204019980826100810			Nonpoint Source	Unspecified Nonpoint Source
Lompico Creek	CAR3041204019980826100810			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Lompico Creek	CAR3041204019980826100810			Natural Sources	Natural Sources
Lompico Creek	CAR3041204019980826100810	2/19/2004		Natural Sources	Natural Sources
Lompico Creek	CAR3041204019980826100810	2/19/2004		Construction/Land Developmen	Construction/Land Development
Los Berros Creek	CAR3103102319990304143314			Source Unknown	Source Unknown
Los Berros Creek	CAR3103102319990304143314			Agriculture	Agriculture
Los Berros Creek	CAR3103102319990304143314			Grazing-Related Sources	Agriculture
Los Berros Creek	CAR3103102319990304143314			Source Unknown	Source Unknown

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Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Los Berros Creek	CAR3103102319990304143314			Grazing-Related Sources	Agriculture
Los Berros Creek	CAR3103102319990304143314			Agriculture	Agriculture
Los Berros Creek	CAR3103102319990304143314			Agriculture	Agriculture
Los Berros Creek	CAR3103102319990304143314			Source Unknown	Source Unknown
Los Berros Creek	CAR3103102319990304143314			Grazing-Related Sources	Agriculture
Los Carneros Creek	CAR3153102019990304143658			Source Unknown	Source Unknown
Los Carneros Creek	CAR3153102019990304143658			Source Unknown	Source Unknown
Los Carneros Creek	CAR3153102019990304143658			Source Unknown	Source Unknown
Los Carneros Creek	CAR3153102019990304143658			Source Unknown	Source Unknown
Los Carneros Creek	CAR3153102019990304143658			Source Unknown	Source Unknown
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Source Unknown	Source Unknown
Los Osos Creek	CAR3102301219980826102833		This listing was made by USEPA.	Urban Runoff/Storm Sewers	Urban Runoff
Los Osos Creek	CAR3102301219980826102833		This listing was made by USEPA.	Natural Sources	Natural Sources
Los Osos Creek	CAR3102301219980826102833		This listing was made by USEPA.	Agriculture	Agriculture
Los Osos Creek	CAR3102301219980826102833		This listing was made by USEPA.	Pasture Grazing-Riparian and/or Upland	Agriculture
Los Osos Creek	CAR3102301219980826102833	2/4/2005	Impaired Length is below Los Osos Valley Road to Creek Mouth. There is no evidence of impairment at Los Osos Valley Road.	Source Unknown	Source Unknown
Los Osos Creek	CAR3102301219980826102833	3/1/2005	Impaired Length is below Los Osos Valley Road to Creek Mouth. There is no evidence of impairment at Los Osos Valley Road.	Agriculture	Agriculture
Los Osos Creek	CAR3102301219980826102833	3/1/2005	Impaired Length is below Los Osos Valley Road to Creek Mouth. There is no evidence of impairment at Los Osos Valley Road.	Other Urban Runoff	Urban Runoff
Los Osos Creek	CAR3102301219980826102833	3/1/2005	Impaired Length is below Los Osos Valley Road to Creek Mouth. There is no evidence of impairment at Los Osos Valley Road.	Source Unknown	Source Unknown
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Erosion/Siltation	Habitat Modification
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Agriculture	Agriculture
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Irrigated Crop Production	Agriculture
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Hydromodification	Hydromodification
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Dredging	Habitat Modification
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Range Grazing-Riparian and/or Upland	Agriculture
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Channel Erosion	Hydromodification
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Natural Sources	Natural Sources
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Channelization	Hydromodification
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Agriculture-storm runoff	Agriculture
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Removal of Riparian Vegetation	Habitat Modification
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Nonpoint Source	Unspecified Nonpoint Source
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Streambank Modification/Destabilization	Hydromodification
Los Osos Creek	CAR3102301219980826102833	1/20/2004		Habitat Modification	Habitat Modification
Love Creek	CAR3041202119990304144104			Erosion/Siltation	Habitat Modification
Love Creek	CAR3041202119990304144104			Silviculture	Silviculture
Love Creek	CAR3041202119990304144104			Road Construction	Construction/Land Development
Love Creek	CAR3041202119990304144104			Agriculture	Agriculture
Love Creek	CAR3041202119990304144104			Disturbed Sites (Land Develop.)	Construction/Land Development
Love Creek	CAR3041202119990304144104			Nonpoint Source	Unspecified Nonpoint Source
Main Street Canal	CAR3121003020020819110803			Removal of Riparian Vegetation	Habitat Modification
Main Street Canal	CAR3121003020020819110803			Source Unknown	Source Unknown
Main Street Canal	CAR3121003020020819110803			Illegal dumping	Unpermitted Discharges
Main Street Canal	CAR3121003020020819110803			Agriculture	Agriculture
Main Street Canal	CAR3121003020020819110803			Other Urban Runoff	Urban Runoff
Main Street Canal	CAR3121003020020819110803			Agriculture	Agriculture
Main Street Canal	CAR3121003020020819110803			Urban Runoff/Storm Sewers	Urban Runoff
Main Street Canal	CAR3121003020020819110803			Agriculture	Agriculture
Main Street Canal	CAR3121003020020819110803			Other Urban Runoff	Urban Runoff
Main Street Canal	CAR3121003020020819110803			Source Unknown	Source Unknown
Main Street Canal	CAR3121003020020819110803			Removal of Riparian Vegetation	Habitat Modification
Main Street Canal	CAR3121003020020819110803			Other Urban Runoff	Urban Runoff
Main Street Canal	CAR3121003020020819110803			Agriculture	Agriculture
Main Street Canal	CAR3121003020020819110803			Other Urban Runoff	Urban Runoff
Main Street Canal	CAR3121003020020819110803			Nonpoint Source	Unspecified Nonpoint Source
Main Street Canal	CAR3121003020020819110803			Agriculture	Agriculture
Main Street Canal	CAR3121003020020819110803			Urban Runoff/Storm Sewers	Urban Runoff
Main Street Canal	CAR3121003020020819110803			Removal of Riparian Vegetation	Habitat Modification
Main Street Canal	CAR3121003020020819110803			Removal of Riparian Vegetation	Habitat Modification
Main Street Canal	CAR3121003020020819110803			Other Urban Runoff	Urban Runoff
Main Street Canal	CAR3121003020020819110803			Agriculture	Agriculture

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WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Main Street Canal	CAR312100302002081911080 3			Source Unknown	Source Unknown
Main Street Canal	CAR312100302002081911080 3			Removal of Riparian Vegetation	Habitat Modification
Main Street Canal	CAR312100302002081911080 3			Agriculture	Agriculture
Main Street Canal	CAR312100302002081911080 3			Other Urban Runoff	Urban Runoff
Main Street Canal	CAR312100302002081911080 3			Source Unknown	Source Unknown
Main Street Canal	CAR312100302002081911080 3			Other Urban Runoff	Urban Runoff
Main Street Canal	CAR312100302002081911080 3			Removal of Riparian Vegetation	Habitat Modification
Main Street Canal	CAR312100302002081911080 3			Agriculture	Agriculture
Majors Creek (Monterey County)	CAR309500422009022614063 9			Source Unknown	Source Unknown
Majors Creek (Monterey County)	CAR309500422009022614063 9			Urban Runoff/Storm Sewers	Urban Runoff
Majors Creek (Monterey County)	CAR309500422009022614063 9			Natural Sources	Natural Sources
Majors Creek (Monterey County)	CAR309500422009022614063 9			Source Unknown	Source Unknown
Majors Creek (Monterey County)	CAR309500422009022614063 9			Urban Runoff/Storm Sewers	Urban Runoff
Majors Creek (Monterey County)	CAR309500422009022614063 9			Source Unknown	Source Unknown
Majors Creek (Monterey County)	CAR309500422009022614063 9			Urban Runoff/Storm Sewers	Urban Runoff
Majors Creek (Monterey County)	CAR309500422009022614063 9			Urban Runoff/Storm Sewers	Urban Runoff
Majors Creek (Monterey County)	CAR309500422009022614063 9			Source Unknown	Source Unknown
Maria Ygnacio Creek	CAR315310202008061216564 8			Source Unknown	Source Unknown
Maria Ygnacio Creek	CAR315310202008061216564 8			Source Unknown	Source Unknown
Maria Ygnacio Creek	CAR315310202008061216564 8			Source Unknown	Source Unknown
Maria Ygnacio Creek	CAR315310202008061216564 8			Source Unknown	Source Unknown
Maria Ygnacio Creek	CAR315310202008061216564 8			Source Unknown	Source Unknown
McEnery Spring	CAR304120412010062021595 3			Source Unknown	Source Unknown
McGowan Ditch	CAR305100302010062022364 4			Source Unknown	Source Unknown
Merrit Ditch	CAR309110102008060415214 7			Source Unknown	Source Unknown
Merrit Ditch	CAR309110102008060415214 7			Agriculture	Agriculture
Merrit Ditch	CAR309110102008060415214 7			Channelization	Hydromodification
Merrit Ditch	CAR309110102008060415214 7			Removal of Riparian Vegetation	Habitat Modification
Merrit Ditch	CAR309110102008060415214 7			Channelization	Hydromodification
Merrit Ditch	CAR309110102008060415214 7			Agriculture	Agriculture
Merrit Ditch	CAR309110102008060415214 7			Removal of Riparian Vegetation	Habitat Modification
Merrit Ditch	CAR309110102008060415214 7			Removal of Riparian Vegetation	Habitat Modification
Merrit Ditch	CAR309110102008060415214 7			Channelization	Hydromodification
Merrit Ditch	CAR309110102008060415214 7			Agriculture	Agriculture
Merrit Ditch	CAR309110102008060415214 7			Agriculture	Agriculture
Merrit Ditch	CAR309110102008060415214 7			Removal of Riparian Vegetation	Habitat Modification
Merrit Ditch	CAR309110102008060415214 7			Source Unknown	Source Unknown
Merrit Ditch	CAR309110102008060415214 7			Channelization	Hydromodification
Merrit Ditch	CAR309110102008060415214 7			Removal of Riparian Vegetation	Habitat Modification
Merrit Ditch	CAR309110102008060415214 7			Agriculture	Agriculture
Merrit Ditch	CAR309110102008060415214 7			Channelization	Hydromodification
Merrit Ditch	CAR309110102008060415214 7			Agriculture	Agriculture
Millers Canal	CAR305300202008060317100 0			Agriculture	Agriculture
Millers Canal	CAR305300202008060317100 0			Source Unknown	Source Unknown
Millers Canal	CAR305300202008060317100 0			Channelization	Hydromodification
Millers Canal	CAR305300202008060317100 0			Removal of Riparian Vegetation	Habitat Modification
Millers Canal	CAR305300202008060317100 0			Grazing-Related Sources	Agriculture
Millers Canal	CAR305300202008060317100 0			Removal of Riparian Vegetation	Habitat Modification
Millers Canal	CAR305300202008060317100 0			Grazing-Related Sources	Agriculture
Millers Canal	CAR305300202008060317100 0			Channelization	Hydromodification
Millers Canal	CAR305300202008060317100 0			Source Unknown	Source Unknown
Millers Canal	CAR305300202008060317100 0			Agriculture	Agriculture
Millers Canal	CAR305300202008060317100 0			Agriculture	Agriculture
Millers Canal	CAR305300202008060317100 0			Channelization	Hydromodification
Millers Canal	CAR305300202008060317100 0			Removal of Riparian Vegetation	Habitat Modification
Millers Canal	CAR305300202008060317100 0			Grazing-Related Sources	Agriculture
Millers Canal	CAR305300202008060317100 0			Source Unknown	Source Unknown
Millers Canal	CAR305300202008060317100 0			Grazing-Related Sources	Agriculture
Millers Canal	CAR305300202008060317100 0			Channelization	Hydromodification
Millers Canal	CAR305300202008060317100 0			Removal of Riparian Vegetation	Habitat Modification
Millers Canal	CAR305300202008060317100 0			Agriculture	Agriculture
Millers Canal	CAR305300202008060317100 0			Source Unknown	Source Unknown

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Millers Canal	CAR3053002020080603171000			Agriculture	Agriculture
Millers Canal	CAR3053002020080603171000			Grazing-Related Sources	Agriculture
Millers Canal	CAR3053002020080603171000			Channelization	Hydromodification
Millers Canal	CAR3053002020080603171000			Removal of Riparian Vegetation	Habitat Modification
Millers Canal	CAR3053002020080603171000			Source Unknown	Source Unknown
Millers Canal	CAR3053002020080603171000			Agriculture	Agriculture
Millers Canal	CAR3053002020080603171000			Channelization	Hydromodification
Millers Canal	CAR3053002020080603171000			Grazing-Related Sources	Agriculture
Millers Canal	CAR3053002020080603171000			Source Unknown	Source Unknown
Millers Canal	CAR3053002020080603171000			Removal of Riparian Vegetation	Habitat Modification
Millers Canal	CAR3053002020080603171000			Removal of Riparian Vegetation	Habitat Modification
Millers Canal	CAR3053002020080603171000			Source Unknown	Source Unknown
Millers Canal	CAR3053002020080603171000			Grazing-Related Sources	Agriculture
Millers Canal	CAR3053002020080603171000			Agriculture	Agriculture
Millers Canal	CAR3053002020080603171000			Channelization	Hydromodification
Millers Canal	CAR3053002020080603171000			Agriculture	Agriculture
Millers Canal	CAR3053002020080603171000			Removal of Riparian Vegetation	Habitat Modification
Millers Canal	CAR3053002020080603171000			Source Unknown	Source Unknown
Millers Canal	CAR3053002020080603171000			Grazing-Related Sources	Agriculture
Millers Canal	CAR3053002020080603171000			Channelization	Hydromodification
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Transient encampments	Miscellaneous
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Urban Runoff/Storm Sewers	Urban Runoff
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Habitat Modification	Habitat Modification
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Hydromodification	Hydromodification
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Habitat Modification	Habitat Modification
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Transient encampments	Miscellaneous
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Hydromodification	Hydromodification
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Urban Runoff/Storm Sewers	Urban Runoff
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Hydromodification	Hydromodification
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Removal of Riparian Vegetation	Habitat Modification
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Habitat Modification	Habitat Modification
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Source Unknown	Source Unknown
Mission Creek (Santa Barbara County)	CAR3153201119980826110307			Urban Runoff/Storm Sewers	Urban Runoff
Monterey Harbor	CAB3091201419980827160747			Railroad Slag Pile	Resource Extraction
Monterey Harbor	CAB3091201419980827160747			Source Unknown	Source Unknown
Moore Creek	CAR3041103120080602125209			Source Unknown	Source Unknown
Moore Creek	CAR3041103120080602125209			Source Unknown	Source Unknown
Moore Creek	CAR3041103120080602125209			Source Unknown	Source Unknown
Moore Creek	CAR3041103120080602125209			Source Unknown	Source Unknown
Moro Cojo Slough	CAE3060001519981209132246			Agriculture	Agriculture
Moro Cojo Slough	CAE3060001519981209132246			Boat Discharges/Vessel Wastes	Marinas And Recreational Boating
Moro Cojo Slough	CAE3060001519981209132246			Grazing-Related Sources	Agriculture
Moro Cojo Slough	CAE3060001519981209132246			Source Unknown	Source Unknown
Moro Cojo Slough	CAE3060001519981209132246			Grazing-Related Sources	Agriculture
Moro Cojo Slough	CAE3060001519981209132246			Natural Sources	Natural Sources
Moro Cojo Slough	CAE3060001519981209132246			Agriculture	Agriculture
Moro Cojo Slough	CAE3060001519981209132246			Boat Discharges/Vessel Wastes	Marinas And Recreational Boating
Moro Cojo Slough	CAE3060001519981209132246			Source Unknown	Source Unknown
Moro Cojo Slough	CAE3060001519981209132246			Source Unknown	Source Unknown
Moro Cojo Slough	CAE3060001519981209132246			Grazing-Related Sources	Agriculture
Moro Cojo Slough	CAE3060001519981209132246			Source Unknown	Source Unknown
Moro Cojo Slough	CAE3060001519981209132246			Removal of Riparian Vegetation	Habitat Modification
Moro Cojo Slough	CAE3060001519981209132246			Agriculture	Agriculture
Moro Cojo Slough	CAE3060001519981209132246			Nonpoint Source	Unspecified Nonpoint Source
Moro Cojo Slough	CAE3060001519981209132246			Construction/Land Development	Construction/Land Development
Moro Cojo Slough	CAE3060001519981209132246			Agriculture	Agriculture
Moro Cojo Slough	CAE3060001519981209132246			Source Unknown	Source Unknown
Moro Cojo Slough	CAE3060001519981209132246			Boat Discharges/Vessel Wastes	Marinas And Recreational Boating
Moro Cojo Slough	CAE3060001519981209132246			Grazing-Related Sources	Agriculture
Moro Cojo Slough	CAE3060001519981209132246			Natural Sources	Natural Sources
Moro Cojo Slough	CAE3060001519981209132246			Source Unknown	Source Unknown
Moro Cojo Slough	CAE3060001519981209132246			Removal of Riparian Vegetation	Habitat Modification

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Moro Cojo Slough	CAE306000151998120913224 6			Agriculture	Agriculture
Morro Bay	CAB310220121998082714150 6			Source Unknown	Source Unknown
Morro Bay	CAB310220121998082714150 6	1/20/2004		Septage Disposal	Waste Storage And Disposal
Morro Bay	CAB310220121998082714150 6	1/20/2004		Natural Sources	Natural Sources
Morro Bay	CAB310220121998082714150 6	1/20/2004		Range Grazing-Upland	Agriculture
Morro Bay	CAB310220121998082714150 6	1/20/2004		Nonpoint Source	Unspecified Nonpoint Source
Morro Bay	CAB310220121998082714150 6	1/20/2004		Urban Runoff/Storm Sewers	Urban Runoff
Morro Bay	CAB310220121998082714150 6	1/20/2004		Agriculture	Agriculture
Morro Bay	CAB310220121998082714150 6	1/20/2004		Channel Erosion	Hydromodification
Morro Bay	CAB310220121998082714150 6	1/20/2004		Irrigated Crop Production	Agriculture
Morro Bay	CAB310220121998082714150 6	1/20/2004		Channelization	Hydromodification
Morro Bay	CAB310220121998082714150 6	1/20/2004		Resource Extraction	Resource Extraction
Morro Bay	CAB310220121998082714150 6	1/20/2004		Construction/Land Developmen	Construction/Land Development
Moss Landing Harbor	CAB306000141998121412113 5			Grazing-Related Sources	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Agriculture	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Other Urban Runoff	Urban Runoff
Moss Landing Harbor	CAB306000141998121412113 5			Agriculture	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Grazing-Related Sources	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Other Urban Runoff	Urban Runoff
Moss Landing Harbor	CAB306000141998121412113 5			Source Unknown	Source Unknown
Moss Landing Harbor	CAB306000141998121412113 5			Other Urban Runoff	Urban Runoff
Moss Landing Harbor	CAB306000141998121412113 5			Marinas and Recreational Boating	Marinas And Recreational Boating
Moss Landing Harbor	CAB306000141998121412113 5			Source Unknown	Source Unknown
Moss Landing Harbor	CAB306000141998121412113 5			Dredging	Habitat Modification
Moss Landing Harbor	CAB306000141998121412113 5			Agriculture	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Natural Sources	Natural Sources
Moss Landing Harbor	CAB306000141998121412113 5			Agriculture	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Boat Discharges/Vessel Wastes	Marinas And Recreational Boating
Moss Landing Harbor	CAB306000141998121412113 5			Nonpoint Source	Unspecified Nonpoint Source
Moss Landing Harbor	CAB306000141998121412113 5			Irrigated Crop Production	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Specialty Crop Production	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Agriculture	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Boatyards	Marinas And Recreational Boating
Moss Landing Harbor	CAB306000141998121412113 5			Agriculture	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Dredging	Habitat Modification
Moss Landing Harbor	CAB306000141998121412113 5			Grazing-Related Sources	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Marinas and Recreational Boating	Marinas And Recreational Boating
Moss Landing Harbor	CAB306000141998121412113 5			Other Urban Runoff	Urban Runoff
Moss Landing Harbor	CAB306000141998121412113 5			Dredging	Habitat Modification
Moss Landing Harbor	CAB306000141998121412113 5			Erosion/Siltation	Habitat Modification
Moss Landing Harbor	CAB306000141998121412113 5			Channel Erosion	Hydromodification
Moss Landing Harbor	CAB306000141998121412113 5			Nonpoint Source	Unspecified Nonpoint Source
Moss Landing Harbor	CAB306000141998121412113 5			Hydromodification	Hydromodification
Moss Landing Harbor	CAB306000141998121412113 5			Agriculture	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Irrigated Crop Production	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Agriculture-storm runoff	Agriculture
Moss Landing Harbor	CAB306000141998121412113 5			Source Unknown	Source Unknown
Mountain Charlie Gulch	CAR304120402002012416045 4			Road Construction	Construction/Land Development
Mountain Charlie Gulch	CAR304120402002012416045 4			Erosion/Siltation	Habitat Modification
Mountain Charlie Gulch	CAR304120402002012416045 4			Silviculture	Silviculture
Mountain Charlie Gulch	CAR304120402002012416045 4			Nonpoint Source	Unspecified Nonpoint Source
Nacimiento Reservoir	CAL309820001998121417171 1			Surface Mining	Resource Extraction
Nacimiento Reservoir	CAL309820001998121417171 1			Natural Sources	Natural Sources
Nacimiento Reservoir	CAL309820001998121417171 1			Surface Mining	Resource Extraction
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Other Urban Runoff	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture
Natividad Creek	CAR309110102005053112514 0			Other Urban Runoff	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture
Natividad Creek	CAR309110102005053112514 0			Other Urban Runoff	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Removal of Riparian Vegetation	Habitat Modification
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Other Urban Runoff	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Natividad Creek	CAR309110102005053112514 0			Removal of Riparian Vegetation	Habitat Modification
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture
Natividad Creek	CAR309110102005053112514 0			Removal of Riparian Vegetation	Habitat Modification
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Other Urban Runoff	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture
Natividad Creek	CAR309110102005053112514 0			Other Urban Runoff	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Removal of Riparian Vegetation	Habitat Modification
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Other Urban Runoff	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Removal of Riparian Vegetation	Habitat Modification
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Other Urban Runoff	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Removal of Riparian Vegetation	Habitat Modification
Natividad Creek	CAR309110102005053112514 0			Urban Runoff/Storm Sewers	Urban Runoff
Natividad Creek	CAR309110102005053112514 0			Grazing-Related Sources	Agriculture
Natividad Creek	CAR309110102005053112514 0			Agriculture	Agriculture
Newell Creek (Lower)	CAR304120312002021917075 2			Source Unknown	Source Unknown
Newell Creek (Upper)	CAR304120312002012411580 8			Silviculture	Silviculture
Newell Creek (Upper)	CAR304120312002012411580 8			Disturbed Sites (Land Develop.)	Construction/Land Development
Newell Creek (Upper)	CAR304120312002012411580 8			Channel Erosion	Hydromodification
Newell Creek (Upper)	CAR304120312002012411580 8			Nonpoint Source	Unspecified Nonpoint Source
Newell Creek (Upper)	CAR304120312002012411580 8			Road Construction	Construction/Land Development
Newell Creek (Upper)	CAR304120312002012411580 8			Erosion/Siltation	Habitat Modification
Newell Creek (Upper)	CAR304120312002012411580 8			Agriculture	Agriculture
Nipomo Creek	CAR312100112001112912491 1			Grazing-Related Sources	Agriculture
Nipomo Creek	CAR312100112001112912491 1			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Nipomo Creek	CAR312100112001112912491 1			Urban Runoff/Storm Sewers	Urban Runoff
Nipomo Creek	CAR312100112001112912491 1			Natural Sources	Natural Sources
Nipomo Creek	CAR312100112001112912491 1			Agriculture	Agriculture
Nipomo Creek	CAR312100112001112912491 1			Collection System Failure	Municipal Wastewater
Nipomo Creek	CAR312100112001112912491 1			Grazing-Related Sources	Agriculture
Nipomo Creek	CAR312100112001112912491 1			Agriculture	Agriculture
Nipomo Creek	CAR312100112001112912491 1			Urban Runoff/Storm Sewers	Urban Runoff
Nipomo Creek	CAR312100112001112912491 1			Other Urban Runoff	Urban Runoff
Nipomo Creek	CAR312100112001112912491 1			Grazing-Related Sources	Agriculture
Nipomo Creek	CAR312100112001112912491 1			Removal of Riparian Vegetation	Habitat Modification
Nipomo Creek	CAR312100112001112912491 1			Agriculture	Agriculture
Nobel Gulch Creek	CAR304130142008060312212 7			Source Unknown	Source Unknown
North Main Street Channel	CAR312100302008062011104 5			Source Unknown	Source Unknown
Old Salinas River	CAR309110102008061114551 8			Removal of Riparian Vegetation	Habitat Modification
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Dredging	Habitat Modification
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Marinas and Recreational Boating	Marinas And Recreational Boating
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Natural Sources	Natural Sources
Old Salinas River	CAR309110102008061114551 8			Natural Sources	Natural Sources
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Marinas and Recreational Boating	Marinas And Recreational Boating
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Removal of Riparian Vegetation	Habitat Modification

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Marinas and Recreational Boating	Marinas And Recreational Boating
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Other Urban Runoff	Urban Runoff
Old Salinas River	CAR309110102008061114551 8			Agriculture	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Agriculture	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Agriculture-irrigation tailwater	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Irrigated Crop Production	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Nonpoint Source	Unspecified Nonpoint Source
Old Salinas River Estuary	CAE306000141998121414380 7			Agricultural Return Flows	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Agriculture	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Agriculture-storm runoff	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Agriculture-irrigation tailwater	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Irrigated Crop Production	Agriculture
Old Salinas River Estuary	CAE306000141998121414380 7			Nonpoint Source	Unspecified Nonpoint Source
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Grazing-Related Sources	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8		This listing was made by USEPA.	Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8		This listing was made by USEPA.	Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Source Unknown	Source Unknown
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Source Unknown	Source Unknown
Orcutt Creek	CAR312100302001112915470 8			Source Unknown	Source Unknown
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Source Unknown	Source Unknown
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Source Unknown	Source Unknown
Orcutt Creek	CAR312100302001112915470 8			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Orcutt Creek	CAR312100302001112915470 8			Natural Sources	Natural Sources
Orcutt Creek	CAR312100302001112915470 8			Grazing-Related Sources	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Urban Runoff/Storm Sewers	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Grazing-Related Sources	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Source Unknown	Source Unknown
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Source Unknown	Source Unknown
Orcutt Creek	CAR312100302001112915470 8			Grazing-Related Sources	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Removal of Riparian Vegetation	Habitat Modification
Orcutt Creek	CAR312100302001112915470 8			Grazing-Related Sources	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Removal of Riparian Vegetation	Habitat Modification
Orcutt Creek	CAR312100302001112915470 8			Grazing-Related Sources	Agriculture
Orcutt Creek	CAR312100302001112915470 8			Other Urban Runoff	Urban Runoff
Orcutt Creek	CAR312100302001112915470 8			Removal of Riparian Vegetation	Habitat Modification
Orcutt Creek	CAR312100302001112915470 8			Agriculture	Agriculture
Oso Flaco Creek	CAR312100302002012412214 4			Unknown Nonpoint Source	Unspecified Nonpoint Source
Oso Flaco Creek	CAR312100302002012412214 4			Agriculture	Agriculture
Oso Flaco Creek	CAR312100302002012412214 4			Agriculture	Agriculture
Oso Flaco Creek	CAR312100302002012412214 4			Source Unknown	Source Unknown

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Oso Flaco Creek	CAR312100302002012412214 4			Natural Sources	Natural Sources
Oso Flaco Creek	CAR312100302002012412214 4			Agriculture	Agriculture
Oso Flaco Creek	CAR312100302002012412214 4			Source Unknown	Source Unknown
Oso Flaco Creek	CAR312100302002012412214 4			Groundwater Loadings	Groundwater Related
Oso Flaco Creek	CAR312100302002012412214 4			Agriculture	Agriculture
Oso Flaco Creek	CAR312100302002012412214 4			Unknown Nonpoint Source	Unspecified Nonpoint Source
Oso Flaco Creek	CAR312100302002012412214 4			Agriculture	Agriculture
Oso Flaco Creek	CAR312100302002012412214 4			Unknown Nonpoint Source	Unspecified Nonpoint Source
Oso Flaco Creek	CAR312100302002012412214 4			Agriculture	Agriculture
Oso Flaco Creek	CAR312100302002012412214 4			Unknown Nonpoint Source	Unspecified Nonpoint Source
Oso Flaco Creek	CAR312100302002012412214 4			Agriculture	Agriculture
Oso Flaco Lake	CAL312100302001112110254 5			Source Unknown	Source Unknown
Oso Flaco Lake	CAL312100302001112110254 5			Agriculture	Agriculture
Oso Flaco Lake	CAL312100302001112110254 5			Agriculture	Agriculture
Pacheco Creek	CAR305300202002010313374 5			Natural Sources	Natural Sources
Pacheco Creek	CAR305300202002010313374 5			Agriculture	Agriculture
Pacheco Creek	CAR305300202002010313374 5			Grazing-Related Sources	Agriculture
Pacheco Creek	CAR305300202002010313374 5			Grazing-Related Sources	Agriculture
Pacheco Creek	CAR305300202002010313374 5			Natural Sources	Natural Sources
Pacheco Creek	CAR305300202002010313374 5			Agriculture	Agriculture
Pacheco Creek	CAR305300202002010313374 5			Agriculture	Agriculture
Pacheco Creek	CAR305300202002010313374 5			Grazing-Related Sources	Agriculture
Pacific Ocean (Point Ano Nuevo to Soquel Point)	CAO304110222009061208254 4			Other	Source Unknown
Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	CAX315320102002010715534 7			Source Unknown	Source Unknown
Pacific Ocean at Arroyo Burro Beach (Santa Barbara County)	CAX315320102002010715534 7			Source Unknown	Source Unknown
Pacific Ocean at Avila Beach (Avila Pier)	CAC310240212010040411584 8			Source Unknown	Source Unknown
Pacific Ocean at Avila Beach (Avila Pier)	CAC310240212010040411584 8			Petroleum Activities	Industrial Activities (Oil)
Pacific Ocean at Avila Beach (SLO creek mouth)	CAC310240212010040416222 6			Source Unknown	Source Unknown
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC304130142007061410424 0			Other Urban Runoff	Urban Runoff
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC304130142007061410424 0			Source Unknown	Source Unknown
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC304130142007061410424 0			Natural Sources	Natural Sources
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC304130142007061410424 0			Recreational and Tourism Activities (non-boating)	Recreation Areas And Activities
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC304130142007061410424 0			Natural Sources	Natural Sources
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC304130142007061410424 0			Other Urban Runoff	Urban Runoff
Pacific Ocean at Capitola Beach (Santa Cruz County)	CAC304130142007061410424 0			Source Unknown	Source Unknown
Pacific Ocean at Carpinteria State Beach (Carpinteria Creek mouth, Santa Barbara County)	CAX315340202002100121161 6			Source Unknown	Source Unknown
Pacific Ocean at Cayucos (Cayucos Creek Mouth)	CAC310160102010041417021 7			Source Unknown	Source Unknown
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX315320112002010716011 6			Source Unknown	Source Unknown
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX315320112002010716011 6			Source Unknown	Source Unknown
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX315320112002010716011 6			Agriculture	Agriculture
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX315320112002010716011 6			Unknown Nonpoint Source	Unspecified Nonpoint Source
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX315320112002010716011 6			Urban Runoff/Storm Sewers	Urban Runoff
Pacific Ocean at East Beach (mouth of Mission Creek, Santa Barbara County)	CAX315320112002010716011 6			Nonpoint Source	Unspecified Nonpoint Source
Pacific Ocean at East Beach (mouth of Sycamore Creek, Santa Barbara County)	CAX315320122002100219384 9			Source Unknown	Source Unknown
Pacific Ocean at Goleta Beach (Santa Barbara County)	CAX315310202002100221123 0			Source Unknown	Source Unknown
Pacific Ocean at Hammonds Beach (Santa Barbara County)	CAX315330102002100221185 8			Source Unknown	Source Unknown
Pacific Ocean at Hammonds Beach (Santa Barbara County)	CAX315330102002100221185 8			Source Unknown	Source Unknown
Pacific Ocean at Haskells Beach (Santa Barbara County)	CAC315100122007032818343 9		This listing was made by USEPA for 2006.	Source Unknown	Source Unknown

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	CAX315320102002100221305 3			Source Unknown	Source Unknown
Pacific Ocean at Hope Ranch Beach (Santa Barbara County)	CAX315320102002100221305 3			Source Unknown	Source Unknown
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX315100512002010715560 8			Source Unknown	Source Unknown
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX315100512002010715560 8			Agriculture	Agriculture
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX315100512002010715560 8			Pasture Grazing-Riparian and/or Upland	Agriculture
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX315100512002010715560 8			Natural Sources	Natural Sources
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX315100512002010715560 8			Nonpoint Source	Unspecified Nonpoint Source
Pacific Ocean at Jalama Beach (Santa Barbara County)	CAX315100512002010715560 8			Source Unknown	Source Unknown
Pacific Ocean at Leadbetter Beach (Santa Barbara County)	CAX315320112002100221455 3			Source Unknown	Source Unknown
Pacific Ocean at Ocean Beach (Santa Barbara County)	CAX314100502002100222000 6			Source Unknown	Source Unknown
Pacific Ocean at Ocean Beach (Santa Barbara County)	CAX314100502002100222000 6			Source Unknown	Source Unknown
Pacific Ocean at Olde Port Beach (at restrooms)	CAC310250122010040416421 9			Source Unknown	Source Unknown
Pacific Ocean at Pismo State Beach (San Luis Obispo County), south of Pismo Pier	CAC310260142010062216470 4			Source Unknown	Source Unknown
Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	CAX315340122000032613494 1			Source Unknown	Source Unknown
Pacific Ocean at Point Rincon (mouth of Rincon Cr, Santa Barbara County)	CAX315340122000032613494 1			Source Unknown	Source Unknown
Pacific Ocean at Refugio Beach (Santa Barbara County)	CAX315100222002100222143 2			Source Unknown	Source Unknown
Pacific Ocean at Refugio Beach (Santa Barbara County)	CAX315100222002100222143 2			Source Unknown	Source Unknown
Pacific Ocean at Stillwater Cove Beach	CAC309500422004121417473 9			Waste Storage/Storage Tank Leaks (above ground)	Hazardous Waste Sites And Storage
Pajaro River	CAR305100301998082611515 2		Impaired length for Boron is below Main Street (in Watsonville) to the mouth.	Source Unknown	Source Unknown
Pajaro River	CAR305100301998082611515 2		Impaired length for Boron is below Main Street (in Watsonville) to the mouth.	Other Urban Runoff	Urban Runoff
Pajaro River	CAR305100301998082611515 2		Impaired length for Boron is below Main Street (in Watsonville) to the mouth.	Agriculture	Agriculture
Pajaro River	CAR305100301998082611515 2		Impaired length for Boron is below Main Street (in Watsonville) to the mouth.	Saltwater Intrusion	Groundwater Related
Pajaro River	CAR305100301998082611515 2			Source Unknown	Source Unknown
Pajaro River	CAR305100301998082611515 2			Other Urban Runoff	Urban Runoff
Pajaro River	CAR305100301998082611515 2			Saltwater Intrusion	Groundwater Related
Pajaro River	CAR305100301998082611515 2			Natural Sources	Natural Sources
Pajaro River	CAR305100301998082611515 2			Agriculture	Agriculture
Pajaro River	CAR305100301998082611515 2			Other Urban Runoff	Urban Runoff
Pajaro River	CAR305100301998082611515 2			Agriculture	Agriculture
Pajaro River	CAR305100301998082611515 2			Source Unknown	Source Unknown
Pajaro River	CAR305100301998082611515 2			Source Unknown	Source Unknown
Pajaro River	CAR305100301998082611515 2			Transient encampments	Miscellaneous
Pajaro River	CAR305100301998082611515 2			Urban Runoff/Storm Sewers	Urban Runoff
Pajaro River	CAR305100301998082611515 2			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Pajaro River	CAR305100301998082611515 2			Pasture Grazing-Riparian and/or Upland	Agriculture
Pajaro River	CAR305100301998082611515 2			Collection System Failure	Municipal Wastewater
Pajaro River	CAR305100301998082611515 2			Natural Sources	Natural Sources
Pajaro River	CAR305100301998082611515 2		Impaired reach is changed from 2006 to include the entire Pajaro River.	Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Pajaro River	CAR305100301998082611515 2		Impaired reach is changed from 2006 to include the entire Pajaro River.	Collection System Failure	Municipal Wastewater
Pajaro River	CAR305100301998082611515 2		Impaired reach is changed from 2006 to include the entire Pajaro River.	Natural Sources	Natural Sources
Pajaro River	CAR305100301998082611515 2		Impaired reach is changed from 2006 to include the entire Pajaro River.	Urban Runoff/Storm Sewers	Urban Runoff
Pajaro River	CAR305100301998082611515 2		Impaired reach is changed from 2006 to include the entire Pajaro River.	Pasture Grazing-Riparian and/or Upland	Agriculture
Pajaro River	CAR305100301998082611515 2		Impaired reach is changed from 2006 to include the entire Pajaro River.	Transient encampments	Miscellaneous
Pajaro River	CAR305100301998082611515 2			Grazing-Related Sources	Agriculture
Pajaro River	CAR305100301998082611515 2			Other Urban Runoff	Urban Runoff
Pajaro River	CAR305100301998082611515 2			Removal of Riparian Vegetation	Habitat Modification
Pajaro River	CAR305100301998082611515 2			Unknown Nonpoint Source	Unspecified Nonpoint Source
Pajaro River	CAR305100301998082611515 2			Agriculture	Agriculture
Pajaro River	CAR305100301998082611515 2	10/13/2006	In 2006, Nitrate was added by USEPA to this being addressed list because of a completed USEPA approved TMDL for Nutrients.	Urban Runoff/Storm Sewers	Urban Runoff

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Pajaro River	CAR3051003019980826115152	10/13/2006	In 2006, Nitrate was added by USEPA to this being addressed list because of a completed USEPA approved TMDL for Nutrients.	Agriculture	Agriculture
Pajaro River	CAR3051003019980826115152	10/13/2006		Urban Runoff/Storm Sewers	Urban Runoff
Pajaro River	CAR3051003019980826115152	10/13/2006		Channelization	Hydromodification
Pajaro River	CAR3051003019980826115152	10/13/2006		Agriculture-irrigation tailwater	Agriculture
Pajaro River	CAR3051003019980826115152	10/13/2006		Nonpoint Source	Unspecified Nonpoint Source
Pajaro River	CAR3051003019980826115152	10/13/2006		Agriculture-subsurface drainage	Agriculture
Pajaro River	CAR3051003019980826115152	10/13/2006		Wastewater - land disposal	Waste Storage And Disposal
Pajaro River	CAR3051003019980826115152	10/13/2006		Agriculture	Agriculture
Pajaro River	CAR3051003019980826115152	10/13/2006		Agricultural Return Flows	Agriculture
Pajaro River	CAR3051003019980826115152	10/13/2006		Irrigated Crop Production	Agriculture
Pajaro River	CAR3051003019980826115152	10/13/2006		Agriculture-storm runoff	Agriculture
Pajaro River	CAR3051003019980826115152	10/13/2006		Removal of Riparian Vegetation	Habitat Modification
Pajaro River	CAR3051003019980826115152			Source Unknown	Source Unknown
Pajaro River	CAR3051003019980826115152	5/3/2007		Surface Mining	Resource Extraction
Pajaro River	CAR3051003019980826115152	5/3/2007		Silviculture	Silviculture
Pajaro River	CAR3051003019980826115152	5/3/2007		Grazing-Related Sources	Agriculture
Pajaro River	CAR3051003019980826115152	5/3/2007		Streambank Modification/Destabilization	Hydromodification
Pajaro River	CAR3051003019980826115152	5/3/2007		Highway/Road/Bridge Runoff	Other Runoff
Pajaro River	CAR3051003019980826115152	5/3/2007		Agriculture	Agriculture
Pajaro River	CAR3051003019980826115152	5/3/2007		Urban Runoff/Storm Sewers	Urban Runoff
Pajaro River	CAR3051003019980826115152			Other Urban Runoff	Urban Runoff
Pajaro River	CAR3051003019980826115152			Agriculture	Agriculture
Pajaro River	CAR3051003019980826115152			Natural Sources	Natural Sources
Pajaro River	CAR3051003019980826115152			Saltwater Intrusion	Groundwater Related
Pajaro River	CAR3051003019980826115152			Unknown Nonpoint Source	Unspecified Nonpoint Source
Pajaro River	CAR3051003019980826115152			Other Urban Runoff	Urban Runoff
Pajaro River	CAR3051003019980826115152			Removal of Riparian Vegetation	Habitat Modification
Pajaro River	CAR3051003019980826115152			Grazing-Related Sources	Agriculture
Pajaro River	CAR3051003019980826115152			Agriculture	Agriculture
Pajaro River	CAR3051003019980826115152			Source Unknown	Source Unknown
Pennington Creek	CAR3102201120020124123809		For 2006, fecal coliform was moved by USEPA from the being addressed list back to the 303(d) list pending completion and USEPA approval of a TMDL.	Source Unknown	Source Unknown
Pico Creek	CAR3101302020020124125005		Impaired section for low dissolved oxygen is located between the creek mouth and the top of the lagoon (approximately 1/2 mile).	Grazing-Related Sources	Agriculture
Pico Creek	CAR3101302020020124125005		Impaired section for low dissolved oxygen is located between the creek mouth and the top of the lagoon (approximately 1/2 mile).	Source Unknown	Source Unknown
Pico Creek	CAR3101302020020124125005		Impaired section for low dissolved oxygen is located between the creek mouth and the top of the lagoon (approximately 1/2 mile).	Natural Sources	Natural Sources
Pinto Lake	CAL3051003020020124122807			Agriculture	Agriculture
Pinto Lake	CAL3051003020020124122807			Nurseries	Agriculture
Pinto Lake	CAL3051003020020124122807			Groundwater Loadings	Groundwater Related
Pinto Lake	CAL3051003020020124122807			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Pinto Lake	CAL3051003020020124122807			Agriculture	Agriculture
Pinto Lake	CAL3051003020020124122807			Nurseries	Agriculture
Pinto Lake	CAL3051003020020124122807			Septage Disposal	Waste Storage And Disposal
Pinto Lake	CAL3051003020020124122807			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Pinto Lake	CAL3051003020020124122807			Agriculture	Agriculture
Pinto Lake	CAL3051003020020124122807			Nurseries	Agriculture
Pinto Lake	CAL3051003020020124122807			Groundwater Loadings	Groundwater Related
Pinto Lake	CAL3051003020020124122807			Agriculture	Agriculture
Pinto Lake	CAL3051003020020124122807			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Pinto Lake	CAL3051003020020124122807			Urban Runoff/Storm Sewers	Urban Runoff
Pinto Lake	CAL3051003020020124122807			Nurseries	Agriculture
Pinto Lake	CAL3051003020020124122807			Nurseries	Agriculture
Pinto Lake	CAL3051003020020124122807			Other Urban Runoff	Urban Runoff
Pinto Lake	CAL3051003020020124122807			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Pinto Lake	CAL3051003020020124122807			Agriculture	Agriculture
Pismo Creek	CAR3102601420020124125144			Grazing-Related Sources	Agriculture
Pismo Creek	CAR3102601420020124125144			Natural Sources	Natural Sources
Pismo Creek	CAR3102601420020124125144			Transient encampments	Miscellaneous
Pismo Creek	CAR3102601420020124125144			Resource Extraction	Resource Extraction
Pismo Creek	CAR3102601420020124125144			Agriculture	Agriculture
Pismo Creek	CAR3102601420020124125144			Petroleum Activities	Industrial Activities (Oil)
Pismo Creek	CAR3102601420020124125144			Grazing-Related Sources	Agriculture

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Pismo Creek	CAR3102601420020124125144			Resource Extraction	Resource Extraction
Pismo Creek	CAR3102601420020124125144			Agriculture	Agriculture
Pismo Creek	CAR3102601420020124125144			Natural Sources	Natural Sources
Pismo Creek	CAR3102601420020124125144			Transient encampments	Miscellaneous
Pismo Creek	CAR3102601420020124125144			Petroleum Activities	Industrial Activities (Oil)
Pismo Creek	CAR3102601420020124125144			Resource Extraction	Resource Extraction
Pismo Creek	CAR3102601420020124125144			Agriculture	Agriculture
Pismo Creek	CAR3102601420020124125144			Grazing-Related Sources	Agriculture
Pismo Creek	CAR3102601420020124125144			Natural Sources	Natural Sources
Pismo Creek	CAR3102601420020124125144			Transient encampments	Miscellaneous
Pismo Creek	CAR3102601420020124125144			Natural Sources	Natural Sources
Pismo Creek	CAR3102601420020124125144			Petroleum Activities	Industrial Activities (Oil)
Pismo Creek	CAR3102601420020124125144			Resource Extraction	Resource Extraction
Pismo Creek	CAR3102601420020124125144			Grazing-Related Sources	Agriculture
Pismo Creek	CAR3102601420020124125144			Transient encampments	Miscellaneous
Pismo Creek	CAR3102601420020124125144			Agriculture	Agriculture
Pismo Creek	CAR3102601420020124125144			Agriculture	Agriculture
Pismo Creek	CAR3102601420020124125144			Grazing-Related Sources	Agriculture
Pismo Creek	CAR3102601420020124125144			Natural Sources	Natural Sources
Pismo Creek	CAR3102601420020124125144			Resource Extraction	Resource Extraction
Pismo Creek	CAR3102601420020124125144			Transient encampments	Miscellaneous
Porter Gulch Creek	CAR3041301320080603122516			Source Unknown	Source Unknown
Porter Gulch Creek	CAR3041301320080603122516			Source Unknown	Source Unknown
Prefumo Creek	CAR3102401220020124125422			Unknown Nonpoint Source	Unspecified Nonpoint Source
Prefumo Creek	CAR3102401220020124125422			Agriculture	Agriculture
Prefumo Creek	CAR3102401220020124125422			Other Urban Runoff	Urban Runoff
Prefumo Creek	CAR3102401220020124125422			Agriculture	Agriculture
Prefumo Creek	CAR3102401220020124125422			Unknown Nonpoint Source	Unspecified Nonpoint Source
Prefumo Creek	CAR3102401220020124125422			Other Urban Runoff	Urban Runoff
Prefumo Creek	CAR3102401220020124125422			Unknown Nonpoint Source	Unspecified Nonpoint Source
Prefumo Creek	CAR3102401220020124125422			Agriculture	Agriculture
Prefumo Creek	CAR3102401220020124125422			Other Urban Runoff	Urban Runoff
Prefumo Creek	CAR3102401220020124125422			Unknown Nonpoint Source	Unspecified Nonpoint Source
Prefumo Creek	CAR3102401220020124125422			Other Urban Runoff	Urban Runoff
Prefumo Creek	CAR3102401220020124125422			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture
Quail Creek	CAR3091900020011227140647			Removal of Riparian Vegetation	Habitat Modification
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture
Quail Creek	CAR3091900020011227140647			Removal of Riparian Vegetation	Habitat Modification
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Removal of Riparian Vegetation	Habitat Modification
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Removal of Riparian Vegetation	Habitat Modification
Quail Creek	CAR3091900020011227140647			Agriculture	Agriculture
Quail Creek	CAR3091900020011227140647			Grazing-Related Sources	Agriculture
Quail Creek	CAR3091900020011227140647			Nurseries	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Rider Creek	CAR3051001019981207100234	5/3/2007		Construction/Land Developmen	Construction/Land Development
Rider Creek	CAR3051001019981207100234	5/3/2007		Agriculture	Agriculture
Rider Creek	CAR3051001019981207100234	5/3/2007		Silviculture	Silviculture
Rincon Creek	CAR3153401220020124130528			Natural Sources	Natural Sources
Rincon Creek	CAR3153401220020124130528			Agriculture	Agriculture
Rincon Creek	CAR3153401220020124130528			Source Unknown	Source Unknown
Rincon Creek	CAR3153401220020124130528			Source Unknown	Source Unknown
Rincon Creek	CAR3153401220020124130528			Other Urban Runoff	Urban Runoff
Rincon Creek	CAR3153401220020124130528			Natural Sources	Natural Sources
Rincon Creek	CAR3153401220020124130528			Agriculture	Agriculture
Rincon Creek	CAR3153401220020124130528			Other Urban Runoff	Urban Runoff
Rincon Creek	CAR3153401220020124130528			Agriculture	Agriculture
Rincon Creek	CAR3153401220020124130528			Natural Sources	Natural Sources
Rincon Creek	CAR3153401220020124130528			Agriculture	Agriculture
Rincon Creek	CAR3153401220020124130528			Other Urban Runoff	Urban Runoff
Rincon Creek	CAR3153401220020124130528			Natural Sources	Natural Sources
Rincon Creek	CAR3153401220020124130528			Land Development	Construction/Land Development
Rincon Creek	CAR3153401220020124130528			Agriculture	Agriculture
Rincon Creek	CAR3153401220020124130528			Other Urban Runoff	Urban Runoff
Rincon Creek	CAR3153401220020124130528			Other Urban Runoff	Urban Runoff
Rincon Creek	CAR3153401220020124130528			Land Development	Construction/Land Development
Rincon Creek	CAR3153401220020124130528			Agriculture	Agriculture
Rincon Creek	CAR3153401220020124130528			Natural Sources	Natural Sources
Rodeo Creek Gulch	CAR3041301420020124131242			Source Unknown	Source Unknown
Rodeo Creek Gulch	CAR3041301420020124131242			Source Unknown	Source Unknown
Romero Creek	CAR3153301120080612170700			Natural Sources	Natural Sources
Romero Creek	CAR3153301120080612170700			Other Urban Runoff	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Agriculture	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Agriculture	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Agriculture	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Agriculture	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Natural Sources	Natural Sources
Salinas Reclamation Canal	CAR3091101019980828112229			Agriculture	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR3091101019980828112229			Agriculture	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR3091101019980828112229			Natural Sources	Natural Sources
Salinas Reclamation Canal	CAR3091101019980828112229			Urban Runoff--Industrial Permitted	Urban Runoff

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Removal of Riparian Vegetation	Habitat Modification
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Irrigated Crop Production	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Minor Industrial Point Source	Industrial Wastewater
Salinas Reclamation Canal	CAR309110101999808281122 29			Agricultural Return Flows	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Nonpoint Source	Unspecified Nonpoint Source
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture-irrigation tailwater	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture-storm runoff	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Minor Industrial Point Source	Industrial Wastewater
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture-irrigation tailwater	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Agricultural Return Flows	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Source Unknown	Source Unknown
Salinas Reclamation Canal	CAR309110101999808281122 29			Irrigated Crop Production	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture-storm runoff	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Nonpoint Source	Unspecified Nonpoint Source
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Removal of Riparian Vegetation	Habitat Modification
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Removal of Riparian Vegetation	Habitat Modification
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Removal of Riparian Vegetation	Habitat Modification
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Non-industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Grazing-Related Sources	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff--Industrial Permitted	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Agriculture	Agriculture
Salinas Reclamation Canal	CAR309110101999808281122 29			Urban Runoff/Storm Sewers	Urban Runoff
Salinas Reclamation Canal	CAR309110101999808281122 29			Removal of Riparian Vegetation	Habitat Modification
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Source Unknown	Source Unknown
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Natural Sources	Natural Sources

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Other Urban Runoff	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Other Urban Runoff	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Source Unknown	Source Unknown
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Other Urban Runoff	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Source Unknown	Source Unknown
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2		Impaired length for conductivity is from Del Monte Road to the River Mouth.	Source Unknown	Source Unknown
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Illegal dumping	Unpermitted Discharges
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Natural Sources	Natural Sources
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Urban Runoff/Storm Sewers	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Pasture Grazing-Riparian and/or Upland	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Transient encampments	Miscellaneous
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Natural Sources	Natural Sources
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Transient encampments	Miscellaneous
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Urban Runoff/Storm Sewers	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Pasture Grazing-Riparian and/or Upland	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Illegal dumping	Unpermitted Discharges

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Transient encampments	Miscellaneous
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Natural Sources	Natural Sources
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Pasture Grazing-Riparian and/or Upland	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Urban Runoff/Storm Sewers	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Illegal dumping	Unpermitted Discharges
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Urban Runoff/Storm Sewers	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Source Unknown	Source Unknown
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Construction/Land Developmen	Construction/Land Development
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Urban Runoff/Storm Sewers	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Point Source	Unspecified Point Source
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Source Unknown	Source Unknown
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Source Unknown	Source Unknown
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Source Unknown	Source Unknown
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Other Urban Runoff	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Agriculture	Agriculture
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Other Urban Runoff	Urban Runoff
Salinas River (lower, estuary to near Gonzales Ro crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Grazing-Related Sources	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Salinas River (lower, estuary to near Gonzales Rd crossing, watersheds 30910 and 30920)	CAR309110102002100719310 2			Source Unknown	Source Unknown
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Grazing-Related Sources	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Natural Sources	Natural Sources
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Other Urban Runoff	Urban Runoff
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Land Development	Construction/Land Development
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Agriculture	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Grazing-Related Sources	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Natural Sources	Natural Sources
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Other Urban Runoff	Urban Runoff
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Agriculture	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1		Area affected is the lower 20 miles of the middle Salinas River.	Agriculture	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1		Area affected is the lower 20 miles of the middle Salinas River.	Nonpoint Source	Unspecified Nonpoint Source
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1		Area affected is the lower 20 miles of the middle Salinas River.	Agriculture-storm runoff	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1		Area affected is the lower 20 miles of the middle Salinas River.	Irrigated Crop Production	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1		Area affected is the lower 20 miles of the middle Salinas River.	Agriculture-irrigation tailwater	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1		Area affected is the lower 20 miles of the middle Salinas River.	Agricultural Return Flows	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Natural Sources	Natural Sources
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Agriculture	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Other Urban Runoff	Urban Runoff
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Grazing-Related Sources	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Other Urban Runoff	Urban Runoff
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Grazing-Related Sources	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Agriculture	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Other Urban Runoff	Urban Runoff
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Grazing-Related Sources	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Agriculture	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Other Urban Runoff	Urban Runoff
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Natural Sources	Natural Sources
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Grazing-Related Sources	Agriculture
Salinas River (middle, near Gonzales Rd crossing to confluence with Nacimiento River)	CAR309110102002031909261 1			Agriculture	Agriculture
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Agriculture	Agriculture
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Pasture Grazing-Riparian and/or Upland	Agriculture
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Urban Runoff/Storm Sewers	Urban Runoff
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Pasture Grazing-Riparian and/or Upland	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Agriculture	Agriculture
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Urban Runoff/Storm Sewers	Urban Runoff
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Natural Sources	Natural Sources
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Other Urban Runoff	Urban Runoff
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Grazing-Related Sources	Agriculture
Salinas River (upper, confluence of Nacimiento River to Santa Margarita Reservoir)	CAR309811772002031911222 6			Agriculture	Agriculture
Salinas River Lagoon (North)	CAE309110101998082814323 2			Nonpoint Source	Unspecified Nonpoint Source
Salinas River Lagoon (North)	CAE309110101998082814323 2			Agriculture	Agriculture
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0			Land Development	Construction/Land Development
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0			Other Urban Runoff	Urban Runoff
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0			Agriculture	Agriculture
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0			Other Urban Runoff	Urban Runoff
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0			Natural Sources	Natural Sources
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0			Land Development	Construction/Land Development
Salinas River Refuge Lagoon (South)	CAE309110101998120912580 0			Agriculture	Agriculture
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9			Agriculture	Agriculture
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9			Grazing-Related Sources	Agriculture
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9			Natural Sources	Natural Sources
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9			Natural Sources	Natural Sources
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9			Agriculture	Agriculture
Salsipuedes Creek (Santa Barbara County)	CAR314200232008061215415 9			Grazing-Related Sources	Agriculture
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Transient encampments	Miscellaneous
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Other Urban Runoff	Urban Runoff
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Natural Sources	Natural Sources
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Agriculture	Agriculture
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Transient encampments	Miscellaneous
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Agriculture	Agriculture
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Other Urban Runoff	Urban Runoff
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Natural Sources	Natural Sources
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Removal of Riparian Vegetation	Habitat Modification
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Other Urban Runoff	Urban Runoff
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Agriculture	Agriculture
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Removal of Riparian Vegetation	Habitat Modification
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Other Urban Runoff	Urban Runoff
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Agriculture	Agriculture
Salsipuedes Creek (Santa Cruz County)	CAR305100302008060312352 2			Source Unknown	Source Unknown
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Source Unknown	Source Unknown
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Agriculture	Agriculture
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9		This listing was made by USEPA.	Natural Sources	Natural Sources
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Natural Sources	Natural Sources
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Agriculture	Agriculture
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Source Unknown	Source Unknown
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Agriculture	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Natural Sources	Natural Sources
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Source Unknown	Source Unknown
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Agriculture	Agriculture
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Natural Sources	Natural Sources
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Source Unknown	Source Unknown
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Agriculture	Agriculture
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Agriculture	Agriculture
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Source Unknown	Source Unknown
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Source Unknown	Source Unknown
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Natural Sources	Natural Sources
San Antonio Creek (San Antonio Watershed, Rancho del las Flores Bridge at Hwy 135 to downstream at Railroad Bridge)	CAR313000102002091821104 9			Agriculture	Agriculture
San Antonio Reservoir	CAL309830002008011417395 7			Source Unknown	Source Unknown
San Antonio River (below San Antonio Reservoir)	CAR309810052008011417462 9			Natural Sources	Natural Sources
San Antonio River (below San Antonio Reservoir)	CAR309810052008011417462 9			Source Unknown	Source Unknown
San Antonio River (below San Antonio Reservoir)	CAR309810052008011417462 9			Source Unknown	Source Unknown
San Antonio River (below San Antonio Reservoir)	CAR309810052008011417462 9			Natural Sources	Natural Sources
San Benito River	CAR305300201998120709164 1			Source Unknown	Source Unknown
San Benito River	CAR305300201998120709164 1			Natural Sources	Natural Sources
San Benito River	CAR305300201998120709164 1			Resource Extraction	Resource Extraction
San Benito River	CAR305300201998120709164 1			Grazing-Related Sources	Agriculture
San Benito River	CAR305300201998120709164 1			Other Urban Runoff	Urban Runoff
San Benito River	CAR305300201998120709164 1			Agriculture	Agriculture
San Benito River	CAR305300201998120709164 1			Agriculture	Agriculture
San Benito River	CAR305300201998120709164 1			Other Urban Runoff	Urban Runoff
San Benito River	CAR305300201998120709164 1			Resource Extraction	Resource Extraction
San Benito River	CAR305300201998120709164 1			Grazing-Related Sources	Agriculture
San Benito River	CAR305300201998120709164 1			Source Unknown	Source Unknown
San Benito River	CAR305300201998120709164 1			Natural Sources	Natural Sources
San Benito River	CAR305300201998120709164 1			Grazing-Related Sources	Agriculture
San Benito River	CAR305300201998120709164 1			Other Urban Runoff	Urban Runoff
San Benito River	CAR305300201998120709164 1			Agriculture	Agriculture
San Benito River	CAR305300201998120709164 1			Natural Sources	Natural Sources
San Benito River	CAR305300201998120709164 1			Natural Sources	Natural Sources
San Benito River	CAR305300201998120709164 1			Other Urban Runoff	Urban Runoff
San Benito River	CAR305300201998120709164 1			Agriculture	Agriculture
San Benito River	CAR305300201998120709164 1			Source Unknown	Source Unknown
San Benito River	CAR305300201998120709164 1	5/3/2007		Source Unknown	Source Unknown
San Benito River	CAR305300201998120709164 1			Other Urban Runoff	Urban Runoff
San Benito River	CAR305300201998120709164 1			Source Unknown	Source Unknown
San Benito River	CAR305300201998120709164 1			Resource Extraction	Resource Extraction
San Benito River	CAR305300201998120709164 1			Natural Sources	Natural Sources
San Benito River	CAR305300201998120709164 1			Grazing-Related Sources	Agriculture
San Benito River	CAR305300201998120709164 1			Agriculture	Agriculture
San Benito River	CAR305300201998120709164 1			Natural Sources	Natural Sources
San Bernardo Creek	CAR310220122002012413431 4		For 2006, fecal coliform was moved by USEPA from the being addressed list back to the 303(d) list pending completion and USEPA approval of a TMDL.	Source Unknown	Source Unknown
San Jose Creek (Santa Barbara County)	CAR315310102008061315531 8			Industrial Point Sources	Industrial Wastewater

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Channelization	Hydromodification
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Other Urban Runoff	Urban Runoff
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Industrial Point Sources	Industrial Wastewater
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Channelization	Hydromodification
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Other Urban Runoff	Urban Runoff
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Natural Sources	Natural Sources
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Other Urban Runoff	Urban Runoff
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Industrial Point Sources	Industrial Wastewater
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Other Urban Runoff	Urban Runoff
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Natural Sources	Natural Sources
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Industrial Point Sources	Industrial Wastewater
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Other Urban Runoff	Urban Runoff
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Industrial Point Sources	Industrial Wastewater
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Natural Sources	Natural Sources
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Industrial Point Sources	Industrial Wastewater
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Other Urban Runoff	Urban Runoff
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Channelization	Hydromodification
San Jose Creek (Santa Barbara County)	CAR3153101020080613155318			Source Unknown	Source Unknown
San Juan Creek (San Benito County)	CAR3052005020090204001958			Unknown Nonpoint Source	Unspecified Nonpoint Source
San Juan Creek (San Benito County)	CAR3052005020090204001958			Agriculture	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Natural Sources	Natural Sources
San Juan Creek (San Benito County)	CAR3052005020090204001958			Grazing-Related Sources	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Grazing-Related Sources	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Natural Sources	Natural Sources
San Juan Creek (San Benito County)	CAR3052005020090204001958			Agriculture	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Unknown Nonpoint Source	Unspecified Nonpoint Source
San Juan Creek (San Benito County)	CAR3052005020090204001958			Agriculture	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Grazing-Related Sources	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Unknown Nonpoint Source	Unspecified Nonpoint Source
San Juan Creek (San Benito County)	CAR3052005020090204001958			Unknown Nonpoint Source	Unspecified Nonpoint Source
San Juan Creek (San Benito County)	CAR3052005020090204001958			Agriculture	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Grazing-Related Sources	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Source Unknown	Source Unknown
San Juan Creek (San Benito County)	CAR3052005020090204001958			Agriculture	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Removal of Riparian Vegetation	Habitat Modification
San Juan Creek (San Benito County)	CAR3052005020090204001958			Agriculture	Agriculture
San Juan Creek (San Benito County)	CAR3052005020090204001958			Unknown Nonpoint Source	Unspecified Nonpoint Source
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Source Unknown	Source Unknown
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Natural Sources	Natural Sources
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Grazing-Related Sources	Agriculture
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Source Unknown	Source Unknown
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Natural Sources	Natural Sources
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Grazing-Related Sources	Agriculture
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Natural Sources	Natural Sources
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Natural Sources	Natural Sources
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Grazing-Related Sources	Agriculture
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Grazing-Related Sources	Agriculture
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Natural Sources	Natural Sources
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Natural Sources	Natural Sources
San Lorenzo Creek (Monterey County)	CAR3091800020020103133204			Grazing-Related Sources	Agriculture
San Lorenzo River	CAR3041202219980827084709			Source Unknown	Source Unknown
San Lorenzo River	CAR3041202219980827084709		Impaired length from San Lorenzo River Lagoon to confluence with Zayante Creek (approximately miles).	Source Unknown	Source Unknown
San Lorenzo River	CAR3041202219980827084709	1/14/2003		Septage Disposal	Waste Storage And Disposal
San Lorenzo River	CAR3041202219980827084709	1/14/2003		Nonpoint Source	Unspecified Nonpoint Source
San Lorenzo River	CAR3041202219980827084709	1/14/2003		Pasture Grazing-Riparian and/or Upland	Agriculture
San Lorenzo River	CAR3041202219980827084709	1/14/2003		Natural Sources	Natural Sources
San Lorenzo River	CAR3041202219980827084709			Source Unknown	Source Unknown
San Lorenzo River	CAR3041202219980827084709			Natural Sources	Natural Sources
San Lorenzo River	CAR3041202219980827084709			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
San Lorenzo River	CAR3041202219980827084709			Other Urban Runoff	Urban Runoff
San Lorenzo River	CAR3041202219980827084709			Unknown Nonpoint Source	Unspecified Nonpoint Source
San Lorenzo River	CAR3041202219980827084709			Transient encampments	Miscellaneous
San Lorenzo River	CAR3041202219980827084709	2/19/2004		Land Development	Construction/Land Development
San Lorenzo River	CAR3041202219980827084709	2/19/2004		Construction/Land Developmen	Construction/Land Development
San Lorenzo River	CAR3041202219980827084709	2/19/2004		Urban Runoff/Storm Sewers	Urban Runoff
San Lorenzo River	CAR3041202219980827084709	2/19/2004		Silviculture	Silviculture
San Lorenzo River Lagoon	CAE3041205319980828094349			Urban Runoff/Storm Sewers	Urban Runoff
San Lorenzo River Lagoon	CAE3041205319980828094349			Natural Sources	Natural Sources

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
San Luis Obispo Creek (above Osos Street)	CAR310240111998082414312 3		Impaired length is Marsh Street Bridge to Cuesta Park.	Source Unknown	Source Unknown
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Agriculture	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Municipal Point Sources	Municipal Wastewater
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Other Urban Runoff	Urban Runoff
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Grazing-Related Sources	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Grazing-Related Sources	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Other Urban Runoff	Urban Runoff
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Agriculture	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/10/2007	For 2006, nitrate as nitrate (NO3) was moved by USEPA from the 303(d) list to the being addressed list because of a completed USEPA approved TMDL.	Major Municipal Point Source-dry and/or wet weather discharge	Municipal Wastewater
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/10/2007	For 2006, nitrate as nitrate (NO3) was moved by USEPA from the 303(d) list to the being addressed list because of a completed USEPA approved TMDL.	Agriculture	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/10/2007	For 2006, nitrate as nitrate (NO3) was moved by USEPA from the 303(d) list to the being addressed list because of a completed USEPA approved TMDL.	Grazing-Related Sources	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/10/2007	For 2006, nitrate as nitrate (NO3) was moved by USEPA from the 303(d) list to the being addressed list because of a completed USEPA approved TMDL.	Upstream Impoundment	Hydromodification
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/10/2007	For 2006, nitrate as nitrate (NO3) was moved by USEPA from the 303(d) list to the being addressed list because of a completed USEPA approved TMDL.	Urban Runoff/Storm Sewers	Urban Runoff
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/10/2007	For 2006, nitrate as nitrate (NO3) was moved by USEPA from the 303(d) list to the being addressed list because of a completed USEPA approved TMDL.	Natural Sources	Natural Sources
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/10/2007	For 2006, nutrients moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.	Agriculture	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/10/2007	For 2006, nutrients moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.	Municipal Point Sources	Municipal Wastewater
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/1/2004		Natural Sources	Natural Sources
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/1/2004		Agriculture	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/1/2004		Grazing-Related Sources	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/1/2004		Transient encampments	Miscellaneous
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/1/2004		Urban Runoff/Storm Sewers	Urban Runoff
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3	1/1/2004		Major Municipal Point Source-dry and/or wet weather discharge	Municipal Wastewater
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Other Urban Runoff	Urban Runoff
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Grazing-Related Sources	Agriculture
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Municipal Point Sources	Municipal Wastewater
San Luis Obispo Creek (below Osos Street)	CAR310240211998082811551 3			Agriculture	Agriculture
San Luisito Creek	CAR310220112002012414110 7		For 2006, fecal coliform was moved by USEPA from the being addressed list back to the 303(d) list pending completion and USEPA approval of a TMDL.	Source Unknown	Source Unknown
San Miguelito Creek	CAR314100402002012414162 2			Source Unknown	Source Unknown
San Miguelito Creek	CAR314100402002012414162 2			Source Unknown	Source Unknown
San Miguelito Creek	CAR314100402002012414162 2			Channelization	Hydromodification
San Miguelito Creek	CAR314100402002012414162 2			Removal of Riparian Vegetation	Habitat Modification
San Miguelito Creek	CAR314100402002012414162 2			Channelization	Hydromodification
San Miguelito Creek	CAR314100402002012414162 2			Removal of Riparian Vegetation	Habitat Modification
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Golf course activities	Recreation Areas And Activities
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Other Urban Runoff	Urban Runoff
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Natural Sources	Natural Sources
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Other Urban Runoff	Urban Runoff
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Natural Sources	Natural Sources
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Golf course activities	Recreation Areas And Activities
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Golf course activities	Recreation Areas And Activities
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Other Urban Runoff	Urban Runoff
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Natural Sources	Natural Sources
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Golf course activities	Recreation Areas And Activities
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Other Urban Runoff	Urban Runoff
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Other Urban Runoff	Urban Runoff
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Natural Sources	Natural Sources
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Golf course activities	Recreation Areas And Activities
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Other Urban Runoff	Urban Runoff
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Golf course activities	Recreation Areas And Activities
San Pedro Creek (Santa Barbara County)	CAR315310202008061216541 3			Natural Sources	Natural Sources
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Chloride is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Grazing-Related Sources	Agriculture
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Chloride is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Agriculture	Agriculture
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Chloride is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Natural Sources	Natural Sources
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Chloride is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Wastewater - land disposal	Waste Storage And Disposal

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
San Simeon Creek	CAR310130122002012414180 5			Natural Sources	Natural Sources
San Simeon Creek	CAR310130122002012414180 5			Agriculture	Agriculture
San Simeon Creek	CAR310130122002012414180 5			Wastewater - land disposal	Waste Storage And Disposal
San Simeon Creek	CAR310130122002012414180 5			Grazing-Related Sources	Agriculture
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Nitrate is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Wastewater - land disposal	Waste Storage And Disposal
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Nitrate is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Grazing-Related Sources	Agriculture
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Nitrate is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Natural Sources	Natural Sources
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Nitrate is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Agriculture	Agriculture
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Sodium is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Natural Sources	Natural Sources
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Sodium is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Wastewater - land disposal	Waste Storage And Disposal
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Sodium is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Agriculture	Agriculture
San Simeon Creek	CAR310130122002012414180 5		Impaired length for Sodium is the Creek mouth to the first San Simeon Creek Road crossing, approximately 4 miles.	Grazing-Related Sources	Agriculture
San Vicente Creek (Santa Cruz County)	CAR304110232002012414193 2			Source Unknown	Source Unknown
Santa Maria River	CAR312100302001122810352 8			Natural Sources	Natural Sources
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Grazing-Related Sources	Agriculture
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Source Unknown	Source Unknown
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Source Unknown	Source Unknown
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Source Unknown	Source Unknown
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Source Unknown	Source Unknown
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Santa Maria River	CAR312100302001122810352 8			Grazing-Related Sources	Agriculture
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Urban Runoff/Storm Sewers	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Natural Sources	Natural Sources
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Santa Maria River	CAR312100302001122810352 8			Grazing-Related Sources	Agriculture
Santa Maria River	CAR312100302001122810352 8			Natural Sources	Natural Sources
Santa Maria River	CAR312100302001122810352 8			Grazing-Related Sources	Agriculture
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Grazing-Related Sources	Agriculture
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Natural Sources	Natural Sources
Santa Maria River	CAR312100302001122810352 8			Grazing-Related Sources	Agriculture
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Source Unknown	Source Unknown
Santa Maria River	CAR312100302001122810352 8			Grazing-Related Sources	Agriculture
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Grazing-Related Sources	Agriculture
Santa Maria River	CAR312100302001122810352 8			Other Urban Runoff	Urban Runoff
Santa Maria River	CAR312100302001122810352 8			Agriculture	Agriculture
Santa Maria River Estuary	CAE312100302002031112593 8			Agriculture	Agriculture
Santa Maria River Estuary	CAE312100302002031112593 8			Grazing-Related Sources	Agriculture
Santa Maria River Estuary	CAE312100302002031112593 8			Urban Runoff/Storm Sewers	Urban Runoff
Santa Maria River Estuary	CAE312100302002031112593 8			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Santa Maria River Estuary	CAE312100302002031112593 8			Collection System Failure	Municipal Wastewater
Santa Maria River Estuary	CAE312100302002031112593 8			Natural Sources	Natural Sources

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Santa Maria River Estuary	CAE312100302002031112593 8			Agriculture	Agriculture
Santa Maria River Estuary	CAE312100302002031112593 8			Collection System Failure	Municipal Wastewater
Santa Maria River Estuary	CAE312100302002031112593 8			Urban Runoff/Storm Sewers	Urban Runoff
Santa Maria River Estuary	CAE312100302002031112593 8			Grazing-Related Sources	Agriculture
Santa Maria River Estuary	CAE312100302002031112593 8			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Santa Maria River Estuary	CAE312100302002031112593 8			Natural Sources	Natural Sources
Santa Maria River Estuary	CAE312100302002031112593 8			Grazing-Related Sources	Agriculture
Santa Maria River Estuary	CAE312100302002031112593 8			Collection System Failure	Municipal Wastewater
Santa Maria River Estuary	CAE312100302002031112593 8			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Santa Maria River Estuary	CAE312100302002031112593 8			Natural Sources	Natural Sources
Santa Maria River Estuary	CAE312100302002031112593 8			Urban Runoff/Storm Sewers	Urban Runoff
Santa Maria River Estuary	CAE312100302002031112593 8			Agriculture	Agriculture
Santa Monica Creek	CAR315340202002012414285 0			Agriculture	Agriculture
Santa Monica Creek	CAR315340202002012414285 0			Other Urban Runoff	Urban Runoff
Santa Monica Creek	CAR315340202002012414285 0			Natural Sources	Natural Sources
Santa Monica Creek	CAR315340202002012414285 0			Other Urban Runoff	Urban Runoff
Santa Monica Creek	CAR315340202002012414285 0			Agriculture	Agriculture
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Other Urban Runoff	Urban Runoff
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Agriculture	Agriculture
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Agriculture	Agriculture
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Natural Sources	Natural Sources
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Other Urban Runoff	Urban Runoff
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Other Urban Runoff	Urban Runoff
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Natural Sources	Natural Sources
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Agriculture	Agriculture
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Source Unknown	Source Unknown
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Urban Runoff/Storm Sewers	Urban Runoff
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Agriculture	Agriculture
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Agriculture	Agriculture
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Other Urban Runoff	Urban Runoff
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Agriculture	Agriculture
Santa Rita Creek (Monterey County)	CAR309190002006073111135 0			Other Urban Runoff	Urban Runoff
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2			Water Diversions	Hydromodification
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2			Other Urban Runoff	Urban Runoff
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2			Agriculture	Agriculture
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2			Disturbed Sites (Land Develop.)	Construction/Land Development
Santa Rosa Creek (San Luis Obispo County)	CAR314200112002012414354 2			Grazing-Related Sources	Agriculture
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Resource Extraction	Resource Extraction
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Agriculture	Agriculture
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Urban Runoff/Storm Sewers	Urban Runoff
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Natural Sources	Natural Sources
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Agriculture	Agriculture
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Other Urban Runoff	Urban Runoff
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Grazing-Related Sources	Agriculture
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Flow Regulation/Modification	Hydromodification
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Grazing-Related Sources	Agriculture
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Other Urban Runoff	Urban Runoff
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Disturbed Sites (Land Develop.)	Construction/Land Development
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Agriculture	Agriculture
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Flow Regulation/Modification	Hydromodification
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Agriculture	Agriculture
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Flow Regulation/Modification	Hydromodification
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR314100501998082709422 6			Other Urban Runoff	Urban Runoff

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR3141005019980827094226			Grazing-Related Sources	Agriculture
Santa Ynez River (Cachuma Lake to below city o Lompoc)	CAR3141005019980827094226			Natural Sources	Natural Sources
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Municipal Point Sources	Municipal Wastewater
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Other Urban Runoff	Urban Runoff
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Natural Sources	Natural Sources
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Other Urban Runoff	Urban Runoff
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Grazing-Related Sources	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Municipal Point Sources	Municipal Wastewater
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Natural Sources	Natural Sources
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Municipal Point Sources	Municipal Wastewater
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Grazing-Related Sources	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Natural Sources	Natural Sources
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Other Urban Runoff	Urban Runoff
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Other Urban Runoff	Urban Runoff
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Grazing-Related Sources	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Municipal Point Sources	Municipal Wastewater
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Grazing-Related Sources	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Municipal Point Sources	Municipal Wastewater
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Other Urban Runoff	Urban Runoff
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Resource Extraction	Resource Extraction
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Urban Runoff/Storm Sewers	Urban Runoff
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Natural Sources	Natural Sources
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Municipal Point Sources	Municipal Wastewater
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Other Urban Runoff	Urban Runoff
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Flow Regulation/Modification	Hydromodification
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Grazing-Related Sources	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Other Urban Runoff	Urban Runoff
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Municipal Point Sources	Municipal Wastewater

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Natural Sources	Natural Sources
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Grazing-Related Sources	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Municipal Point Sources	Municipal Wastewater
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Agriculture	Agriculture
Santa Ynez River (below city of Lompoc to Ocean)	CAR3141004020050816125631			Other Urban Runoff	Urban Runoff
Schwan Lake	CAL3041205319981209102156			Urban Runoff/Storm Sewers	Urban Runoff
Schwan Lake	CAL3041205319981209102156			Natural Sources	Natural Sources
Schwan Lake	CAL3041205319981209102156			Natural Sources	Natural Sources
Schwan Lake	CAL3041205319981209102156			Urban Runoff/Storm Sewers	Urban Runoff
Schwan Lake	CAL3041205319981209102156			Nonpoint Source	Unspecified Nonpoint Source
Schwan Lake	CAL3041205319981209102156			Urban Runoff/Storm Sewers	Urban Runoff
Schwan Lake	CAL3041205319981209102156			Natural Sources	Natural Sources
Shingle Mill Creek	CAR3041202219980827102347	1/14/2003		Pasture Grazing-Riparian and/or Upland	Agriculture
Shingle Mill Creek	CAR3041202219980827102347	1/14/2003		Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Shingle Mill Creek	CAR3041202219980827102347	1/14/2003		Nonpoint Source	Unspecified Nonpoint Source
Shingle Mill Creek	CAR3041202219980827102347	1/14/2003		Natural Sources	Natural Sources
Shingle Mill Creek	CAR3041202219980827102347	1/1/2003		Nonpoint Source	Unspecified Nonpoint Source
Shingle Mill Creek	CAR3041202219980827102347	1/1/2003		Construction/Land Developmen	Construction/Land Development
Shuman Canyon Creek	CAR3130004120020124144205			Source Unknown	Source Unknown
Soda Lake	CAL3110005019980805102204			Source Unknown	Source Unknown
Soquel Creek	CAR3041301420020124145258			Collection System Failure	Municipal Wastewater
Soquel Creek	CAR3041301420020124145258			Urban Runoff/Storm Sewers	Urban Runoff
Soquel Creek	CAR3041301420020124145258			Natural Sources	Natural Sources
Soquel Creek	CAR3041301420020124145258			Transient encampments	Miscellaneous
Soquel Creek	CAR3041301420020124145258			Transient encampments	Miscellaneous
Soquel Creek	CAR3041301420020124145258			Natural Sources	Natural Sources
Soquel Creek	CAR3041301420020124145258			Collection System Failure	Municipal Wastewater
Soquel Creek	CAR3041301420020124145258			Urban Runoff/Storm Sewers	Urban Runoff
Soquel Creek	CAR3041301420020124145258			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Soquel Creek	CAR3041301420020124145258			Urban Runoff/Storm Sewers	Urban Runoff
Soquel Creek	CAR3041301420020124145258			Collection System Failure	Municipal Wastewater
Soquel Creek	CAR3041301420020124145258			Natural Sources	Natural Sources
Soquel Creek	CAR3041301420020124145258			Transient encampments	Miscellaneous
Soquel Creek	CAR3041301420020124145258			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Soquel Creek	CAR3041301420020124145258			Source Unknown	Source Unknown
Soquel Lagoon	CAE3041301419981209132827			Collection System Failure	Municipal Wastewater
Soquel Lagoon	CAE3041301419981209132827			Transient encampments	Miscellaneous
Soquel Lagoon	CAE3041301419981209132827			Onsite Wastewater Systems (Septic Tanks)	Waste Storage And Disposal
Soquel Lagoon	CAE3041301419981209132827			Pasture Grazing-Riparian and/or Upland	Agriculture
Soquel Lagoon	CAE3041301419981209132827			Urban Runoff/Storm Sewers	Urban Runoff
Soquel Lagoon	CAE3041301419981209132827			Construction/Land Developmen	Construction/Land Development
Spring Lakes Creek	CAR3041204120080603112335			Source Unknown	Source Unknown
Stenner Creek	CAR3102401020020124145945			Natural Sources	Natural Sources
Stenner Creek	CAR3102401020020124145945			Grazing-Related Sources	Agriculture
Stenner Creek	CAR3102401020020124145945			Other Urban Runoff	Urban Runoff
Stenner Creek	CAR3102401020020124145945			Agriculture	Agriculture
Struve Slough	CAR3051003020080603125227			Other Urban Runoff	Urban Runoff
Struve Slough	CAR3051003020080603125227			Agriculture	Agriculture
Struve Slough	CAR3051003020080603125227	7/19/2007		Source Unknown	Source Unknown
Struve Slough	CAR3051003020080603125227			Source Unknown	Source Unknown
Sycamore Creek	CAR3153201220080612170100			Source Unknown	Source Unknown
Sycamore Creek	CAR3153201220080612170100			Transient encampments	Miscellaneous
Sycamore Creek	CAR3153201220080612170100			Natural Sources	Natural Sources
Sycamore Creek	CAR3153201220080612170100			Urban Runoff/Storm Sewers	Urban Runoff
Sycamore Creek	CAR3153201220080612170100			Source Unknown	Source Unknown
Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911			Natural Sources	Natural Sources
Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911			Source Unknown	Source Unknown
Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911			Source Unknown	Source Unknown
Tecolote Creek (Santa Barbara County)	CAR3151001320080612163911			Natural Sources	Natural Sources
Tembladero Slough	CAR3091101019981209131830			Agriculture	Agriculture

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Removal of Riparian Vegetation	Habitat Modification
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Natural Sources	Natural Sources
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Natural Sources	Natural Sources
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Natural Sources	Natural Sources
Tembladero Slough	CAR309110101999812091318 30			Pasture Grazing-Riparian and/or Upland	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Nonpoint Source	Unspecified Nonpoint Source
Tembladero Slough	CAR309110101999812091318 30			Irrigated Crop Production	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture-irrigation tailwater	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agricultural Return Flows	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture-storm runoff	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agricultural Return Flows	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Irrigated Crop Production	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Nonpoint Source	Unspecified Nonpoint Source
Tembladero Slough	CAR309110101999812091318 30			Agriculture-storm runoff	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Natural Sources	Natural Sources
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Grazing-Related Sources	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Agriculture	Agriculture
Tembladero Slough	CAR309110101999812091318 30			Urban Runoff/Storm Sewers	Urban Runoff
Tequisquita Slough	CAR305300202001112109133 2			Nonpoint Source	Unspecified Nonpoint Source
Tequisquita Slough	CAR305300202001112109133 2			Agriculture	Agriculture
Tequisquita Slough	CAR305300202001112109133 2			Natural Sources	Natural Sources
Tequisquita Slough	CAR305300202001112109133 2			Source Unknown	Source Unknown
Tequisquita Slough	CAR305300202001112109133 2			Source Unknown	Source Unknown
Tequisquita Slough	CAR305300202001112109133 2			Source Unknown	Source Unknown
Toro Canyon Creek	CAR315340102008061217092 5			Transient encampments	Miscellaneous
Toro Canyon Creek	CAR315340102008061217092 5			Agriculture	Agriculture
Toro Canyon Creek	CAR315340102008061217092 5			Natural Sources	Natural Sources
Toro Creek	CAR310180102002012415124 9			Petroleum Activities	Industrial Activities (Oil)
Toro Creek	CAR310180102002012415124 9			Natural Sources	Natural Sources
Toro Creek	CAR310180102002012415124 9			Grazing-Related Sources	Agriculture
Toro Creek	CAR310180102002012415124 9			Natural Sources	Natural Sources
Toro Creek	CAR310180102002012415124 9			Petroleum Activities	Industrial Activities (Oil)
Toro Creek	CAR310180102002012415124 9			Grazing-Related Sources	Agriculture
Tres Pinos Creek	CAR305300202002012415151 9			Source Unknown	Source Unknown
Tres Pinos Creek	CAR305300202002012415151 9			Source Unknown	Source Unknown
Tres Pinos Creek	CAR305300202002012415151 9			Natural Sources	Natural Sources
Tres Pinos Creek	CAR305300202002012415151 9			Source Unknown	Source Unknown
Tularcitos Creek	CAR307000322002012415185 4			Source Unknown	Source Unknown
Tularcitos Creek	CAR307000322002012415185 4			Source Unknown	Source Unknown
Tularcitos Creek	CAR307000322002012415185 4			Source Unknown	Source Unknown

2010 California 303(d) List of Water Quality Limited Segments*

Water quality limited segments requiring a TMDL(5A), being addressed by TMDL(5B), and/or being addressed by an action other than TMDL(5C).

WATER BODY NAME	WBID	USEPA TMDL APPROVED DATE***	COMMENTS INCLUDED ON 303(d) LIST	POTENTIAL SOURCES	SOURCE CATEGORY
Uvas Creek (above Uvas Reservoir)	CAR3052001020080603162913			Source Unknown	Source Unknown
Uvas Creek (above Uvas Reservoir)	CAR3052001020080603162913			Source Unknown	Source Unknown
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208			Agriculture	Agriculture
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208			Other Urban Runoff	Urban Runoff
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208			Other Urban Runoff	Urban Runoff
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208			Source Unknown	Source Unknown
Uvas Creek (below Uvas Reservoir)	CAR3052002120080603163208			Agriculture	Agriculture
Uvas Reservoir	CAL3052001220020124163614			Source Unknown	Source Unknown
Valencia Creek	CAR3041302319980827104158			Source Unknown	Source Unknown
Valencia Creek	CAR3041302319980827104158			Agriculture	Agriculture
Valencia Creek	CAR3041302319980827104158			Construction/Land Developmen	Construction/Land Development
Walters Creek	CAR3102201120021002231800		For 2006, fecal coliform was moved by USEPA from the being addressed list back to the 303(d) list, pending completion and USEPA approval of a TMDL.	Source Unknown	Source Unknown
Warden Creek	CAR3102301020021002232250	1/20/2004		Source Unknown	Source Unknown
Warden Creek	CAR3102301020021002232250			Grazing-Related Sources	Agriculture
Warden Creek	CAR3102301020021002232250			Agriculture	Agriculture
Warden Creek	CAR3102301020021002232250	3/1/2005		Grazing-Related Sources	Agriculture
Warden Creek	CAR3102301020021002232250	3/1/2005		Agriculture	Agriculture
Watsonville Creek	CAR3051003020080603171443			Grazing-Related Sources	Agriculture
Watsonville Creek	CAR3051003020080603171443			Natural Sources	Natural Sources
Watsonville Creek	CAR3051003020080603171443			Agriculture	Agriculture
Watsonville Creek	CAR3051003020080603171443			Grazing-Related Sources	Agriculture
Watsonville Creek	CAR3051003020080603171443			Agriculture	Agriculture
Watsonville Creek	CAR3051003020080603171443			Natural Sources	Natural Sources
Watsonville Creek	CAR3051003020080603171443			Removal of Riparian Vegetation	Habitat Modification
Watsonville Creek	CAR3051003020080603171443			Grazing-Related Sources	Agriculture
Watsonville Creek	CAR3051003020080603171443			Groundwater Loadings	Groundwater Related
Watsonville Creek	CAR3051003020080603171443			Agriculture	Agriculture
Watsonville Creek	CAR3051003020080603171443			Groundwater Loadings	Groundwater Related
Watsonville Creek	CAR3051003020080603171443			Grazing-Related Sources	Agriculture
Watsonville Creek	CAR3051003020080603171443			Agriculture	Agriculture
Watsonville Creek	CAR3051003020080603171443			Removal of Riparian Vegetation	Habitat Modification
Watsonville Creek	CAR3051003020080603171443			Removal of Riparian Vegetation	Habitat Modification
Watsonville Creek	CAR3051003020080603171443			Agriculture	Agriculture
Watsonville Creek	CAR3051003020080603171443			Groundwater Loadings	Groundwater Related
Watsonville Creek	CAR3051003020080603171443			Grazing-Related Sources	Agriculture
Watsonville Slough	CAR3051003019981209150043			Removal of Riparian Vegetation	Habitat Modification
Watsonville Slough	CAR3051003019981209150043			Agriculture	Agriculture
Watsonville Slough	CAR3051003019981209150043			Urban Runoff/Storm Sewers	Urban Runoff
Watsonville Slough	CAR3051003019981209150043	7/19/2007		Landfills	Waste Storage And Disposal
Watsonville Slough	CAR3051003019981209150043	7/19/2007		Natural Sources	Natural Sources
Watsonville Slough	CAR3051003019981209150043	7/19/2007		Pasture Grazing-Riparian and/or Upland	Agriculture
Watsonville Slough	CAR3051003019981209150043	7/19/2007		Urban Runoff/Storm Sewers	Urban Runoff
Watsonville Slough	CAR3051003019981209150043	7/19/2007		Collection System Failure	Municipal Wastewater
Watsonville Slough	CAR3051003019981209150043	7/19/2007		Grazing-Related Sources	Agriculture
Watsonville Slough	CAR3051003019981209150043	7/19/2007		Agriculture	Agriculture
Watsonville Slough	CAR3051003019981209150043			Agriculture-storm runoff	Agriculture
Watsonville Slough	CAR3051003019981209150043			Agriculture	Agriculture
Watsonville Slough	CAR3051003019981209150043			Nonpoint Source	Unspecified Nonpoint Source
Watsonville Slough	CAR3051003019981209150043			Irrigated Crop Production	Agriculture
Watsonville Slough	CAR3051003019981209150043			Agriculture-irrigation tailwater	Agriculture
Watsonville Slough	CAR3051003019981209150043			Urban Runoff/Storm Sewers	Urban Runoff
Watsonville Slough	CAR3051003019981209150043			Removal of Riparian Vegetation	Habitat Modification
Watsonville Slough	CAR3051003019981209150043			Agriculture	Agriculture
Zayante Creek	CAR3041202220020124155410			Source Unknown	Source Unknown
Zayante Creek	CAR3041202220020124155410			Source Unknown	Source Unknown
Zayante Creek	CAR3041202220020124155410	2/19/2004		Erosion/Siltation	Habitat Modification
Zayante Creek	CAR3041202220020124155410	2/19/2004		Silviculture	Silviculture
Zayante Creek	CAR3041202220020124155410	2/19/2004		Road Construction	Construction/Land Development
Zayante Creek	CAR3041202220020124155410	2/19/2004		Nonpoint Source	Unspecified Nonpoint Source
Zayante Creek	CAR3041202220020124155410	2/19/2004		Agriculture	Agriculture
Zayante Creek	CAR3041202220020124155410	2/19/2004		Disturbed Sites (Land Develop.)	Construction/Land Development

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Id GEO.id	Id2 GEO.id2	Geography GEO.display-label	Estimate; SEX AND AGE - Total population HC01_VC03	Estimate Margin of Error; SEX AND AGE - Total population HC02_VC03	Percent; SEX AND AGE - Total population HC03_VC03	Percent Margin of Error; SEX AND AGE - Total population HC04_VC03	Estimate; SEX AND AGE - Male HC01_VC04	Estimate Margin of Error; SEX AND AGE - Male HC02_VC04	Percent; SEX AND AGE - Male HC03_VC04	Percent Margin of Error; SEX AND AGE - Male HC04_VC04	Estimate; SEX AND AGE - Female HC01_VC05
1600000US	600135	Acalanes Ridge CDP, Califo	1612	439	1612	(X)	744	208	46.2	6.5	868
1600000US	600156	Acampo CDP, California	25	42	25	(X)	16	28	64	10.6	9
1600000US	600212	Acton CDP, California	7150	550	7150	(X)	3527	344	49.3	2.6	3623
1600000US	600296	Adelanto city, California	29764	79	29764	(X)	16232	585	54.5	2	13532
1600000US	600310	Adin CDP, California	374	190	374	(X)	176	105	47.1	9	198
1600000US	600394	Agoura Hills city, Californi	20328	48	20328	(X)	10543	422	51.9	2.1	9785
1600000US	600450	Agua Dulce CDP, Californi	2864	460	2864	(X)	1339	216	46.8	3.4	1525
1600000US	600464	Aguanga CDP, California	1430	670	1430	(X)	591	230	41.3	9.4	839
1600000US	600478	Ahwahnee CDP, California	2097	515	2097	(X)	1012	239	48.3	7.3	1085
1600000US	600535	Airport CDP, California	1590	474	1590	(X)	928	291	58.4	5.1	662
1600000US	600562	Alameda city, California	72512	59	72512	(X)	34572	696	47.7	1	37940
1600000US	600618	Alamo CDP, California	15177	696	15177	(X)	7648	453	50.4	1.5	7529
1600000US	600674	Albany city, California	17921	33	17921	(X)	8894	309	49.6	1.7	9027
1600000US	600716	Albion CDP, California	224	145	224	(X)	47	38	21	18.2	177
1600000US	600786	Alderpoint CDP, California	210	200	210	(X)	67	72	31.9	16.4	143
1600000US	600884	Alhambra city, California	83389	72	83389	(X)	39231	988	47	1.2	44158
1600000US	600898	Alhambra Valley CDP, Cali	825	263	825	(X)	446	148	54.1	7	379
1600000US	600947	Aliso Viejo city, California	46329	92	46329	(X)	21817	568	47.1	1.2	24512
1600000US	600982	Alleghany CDP, California	53	60	53	(X)	39	45	73.6	15.6	14
1600000US	600996	Allendale CDP, California	1726	339	1726	(X)	864	183	50.1	5.4	862
1600000US	601010	Allensworth CDP, Californ	228	104	228	(X)	120	55	52.6	8.4	108
1600000US	601094	Almanor CDP, California	10	15	10	(X)	10	15	100	100	0
1600000US	601150	Alondra Park CDP, Californ	8817	765	8817	(X)	4452	492	50.5	3.6	4365
1600000US	601164	Alpaugh CDP, California	953	273	953	(X)	499	157	52.4	5.9	454
1600000US	601192	Alpine CDP, California	13326	736	13326	(X)	6733	518	50.5	2.2	6593
1600000US	601228	Alpine Village CDP, Califor	237	88	237	(X)	157	61	66.2	10.7	80
1600000US	601276	Alta CDP, California	513	139	513	(X)	258	74	50.3	7.3	255
1600000US	601290	Altadena CDP, California	45446	1320	45446	(X)	21852	873	48.1	1.4	23594
1600000US	601360	Alta Sierra CDP, California	7011	558	7011	(X)	3179	356	45.3	3.1	3832
1600000US	601416	Alto CDP, California	579	194	579	(X)	261	107	45.1	7.9	318
1600000US	601444	Alturas city, California	2833	19	2833	(X)	1291	123	45.6	4.3	1542
1600000US	601458	Alum Rock CDP, California	16049	1442	16049	(X)	7983	860	49.7	2.5	8066
1600000US	601514	Amador City city, Californ	128	74	128	(X)	68	41	53.1	8.7	60
1600000US	601640	American Canyon city, Cal	17692	30	17692	(X)	8308	474	47	2.7	9384
1600000US	601651	Amesti CDP, California	3339	331	3339	(X)	1604	224	48	5	1735
1600000US	602000	Anaheim city, California	333039	93	333039	(X)	166333	1750	49.9	0.5	166706
1600000US	602028	Anchor Bay CDP, Californi	319	178	319	(X)	161	112	50.5	11	158
1600000US	602042	Anderson city, California	9910	19	9910	(X)	4705	350	47.5	3.5	5205
1600000US	602112	Angels city, California	3790	23	3790	(X)	1813	201	47.8	5.3	1977
1600000US	602168	Angwin CDP, California	3737	677	3737	(X)	1923	334	51.5	12.5	1814
1600000US	602210	Antelope CDP, California	45691	1225	45691	(X)	21873	775	47.9	1.4	23818
1600000US	602252	Antioch city, California	99717	64	99717	(X)	48809	1033	48.9	1	50908
1600000US	602294	Anza CDP, California	2789	644	2789	(X)	1418	375	50.8	5.5	1371
1600000US	602364	Apple Valley town, Califor	67396	42	67396	(X)	32463	836	48.2	1.2	34933
1600000US	602378	Aptos CDP, California	6255	663	6255	(X)	3237	426	51.8	3	3018
1600000US	602382	Aptos Hills-Larkin Valley C	2384	739	2384	(X)	1192	421	50	3.8	1192
1600000US	602420	Arbuckle CDP, California	3206	514	3206	(X)	1652	301	51.5	5.5	1554
1600000US	602462	Arcadia city, California	55704	43	55704	(X)	26058	662	46.8	1.2	29646
1600000US	602476	Arcata city, California	17100	32	17100	(X)	8398	472	49.1	2.8	8702
1600000US	602553	Arden-Arcade CDP, Califo	90920	2086	90920	(X)	42658	1453	46.9	0.9	48262
1600000US	602700	Armona CDP, California	3046	621	3046	(X)	1588	418	52.1	6.6	1458
1600000US	602770	Arnold CDP, California	3439	803	3439	(X)	1777	450	51.7	3.8	1662
1600000US	602812	Aromas CDP, California	2318	487	2318	(X)	1257	276	54.2	4.3	1061
1600000US	602868	Arroyo Grande city, Califo	16990	40	16990	(X)	7764	359	45.7	2.1	9226

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Id	Id2	Geography	Estimate; SEX AND AGE - Total population	Estimate Margin of Error; SEX AND AGE - Total population	Percent; SEX AND AGE - Total population	Percent Margin of Error; SEX AND AGE - Total population	Estimate; SEX AND AGE - Male	Estimate Margin of Error; SEX AND AGE - Male	Percent; SEX AND AGE - Male	Percent Margin of Error; SEX AND AGE - Male	Estimate; SEX AND AGE - Female
1600000US	602896	Artesia city, California	16476	39	16476	(X)	8393	348	50.9	2.1	8083
1600000US	602910	Artois CDP, California	142	93	142	(X)	79	52	55.6	5.6	63
1600000US	602924	Arvin city, California	18329	21	18329	(X)	9608	546	52.4	3	8721
1600000US	602980	Ashland CDP, California	22098	1024	22098	(X)	10358	768	46.9	2.8	11740
1600000US	603026	Aspen Springs CDP, Califo	0	132	0	(X)	0	132	-	**	0
1600000US	603064	Atascadero city, California	27981	30	27981	(X)	14814	529	52.9	1.9	13167
1600000US	603092	Atherton town, California	6837	27	6837	(X)	3411	271	49.9	3.9	3426
1600000US	603162	Atwater city, California	27587	35	27587	(X)	13449	452	48.8	1.6	14138
1600000US	603190	Auberry CDP, California	2212	513	2212	(X)	1133	302	51.2	4.4	1079
1600000US	603204	Auburn city, California	13451	32	13451	(X)	5977	272	44.4	2	7474
1600000US	603205	Auburn Lake Trails CDP, C	3953	363	3953	(X)	1991	227	50.4	2.9	1962
1600000US	603209	August CDP, California	8332	1131	8332	(X)	3933	504	47.2	3.2	4399
1600000US	603274	Avalon city, California	3661	37	3661	(X)	1922	146	52.5	4	1739
1600000US	603302	Avenal city, California	15749	22	15749	(X)	8448	656	53.6	4.2	7301
1600000US	603316	Avery CDP, California	381	192	381	(X)	129	96	33.9	17.5	252
1600000US	603330	Avilla Beach CDP, Californ	1021	233	1021	(X)	450	142	44.1	8.6	571
1600000US	603344	Avocado Heights CDP, Cal	15473	858	15473	(X)	7771	637	50.2	2.5	7702
1600000US	603386	Azusa city, California	46015	49	46015	(X)	22020	757	47.9	1.6	23995
1600000US	603512	Baker CDP, California	676	226	676	(X)	479	163	70.9	8.5	197
1600000US	603526	Bakersfield city, California	331868	128	331868	(X)	163165	1360	49.2	0.4	168703
1600000US	603666	Baldwin Park city, Californ	75387	35	75387	(X)	37753	723	50.1	1	37634
1600000US	603694	Ballard CDP, California	569	151	569	(X)	271	87	47.6	9	298
1600000US	603708	Ballico CDP, California	431	224	431	(X)	206	96	47.8	11.1	225
1600000US	603792	Bangor CDP, California	370	131	370	(X)	156	57	42.2	8.2	214
1600000US	603820	Banning city, California	29030	91	29030	(X)	13766	475	47.4	1.6	15264
1600000US	604030	Barstow city, California	22983	47	22983	(X)	11377	451	49.5	1.9	11606
1600000US	604198	Bass Lake CDP, California	463	159	463	(X)	216	84	46.7	7.6	247
1600000US	604415	Bay Point CDP, California	21197	1125	21197	(X)	10803	809	51	2.5	10394
1600000US	604470	Bayview CDP (Contra Cost	2200	508	2200	(X)	1139	297	51.8	4.3	1061
1600000US	604478	Bayview CDP (Humboldt C	2640	395	2640	(X)	1285	295	48.7	7.2	1355
1600000US	604576	Beale AFB CDP, California	2127	391	2127	(X)	1061	237	49.9	4.8	1066
1600000US	604632	Bear Creek CDP, California	263	146	263	(X)	189	108	71.9	7.2	74
1600000US	604716	Bear Valley CDP (Alpine C	67	64	67	(X)	32	39	47.8	30.8	35
1600000US	604730	Bear Valley CDP (Mariposa	272	206	272	(X)	193	128	71	12.5	79
1600000US	604734	Bear Valley Springs CDP, C	6011	711	6011	(X)	3002	406	49.9	3	3009
1600000US	604758	Beaumont city, California	32847	59	32847	(X)	15899	443	48.4	1.3	16948
1600000US	604772	Beckwourth CDP, Californ	415	221	415	(X)	248	137	59.8	12.2	167
1600000US	604856	Belden CDP, California	78	84	78	(X)	42	57	53.8	40.3	36
1600000US	604870	Bell city, California	35648	63	35648	(X)	18563	682	52.1	1.9	17085
1600000US	604926	Bella Vista CDP, California	2303	424	2303	(X)	997	177	43.3	6.1	1306
1600000US	604938	Bell Canyon CDP, Californi	2457	323	2457	(X)	1299	244	52.9	6.3	1158
1600000US	604982	Bellflower city, California	75944	51	75944	(X)	37146	944	48.9	1.2	38798
1600000US	604996	Bell Gardens city, Californ	42408	29	42408	(X)	21093	543	49.7	1.3	21315
1600000US	605108	Belmont city, California	25281	31	25281	(X)	12449	421	49.2	1.7	12832
1600000US	605164	Belvedere city, California	2116	251	2116	(X)	1009	174	47.7	4	1107
1600000US	605262	Benbow CDP, California	569	262	569	(X)	250	141	43.9	8.8	319
1600000US	605276	Bend CDP, California	575	150	575	(X)	306	82	53.2	4.5	269
1600000US	605290	Benicia city, California	26959	45	26959	(X)	13284	288	49.3	1.1	13675
1600000US	605332	Ben Lomond CDP, Californ	6102	544	6102	(X)	3028	362	49.6	3.1	3074
1600000US	605346	Benton CDP, California	289	289	289	(X)	151	185	52.2	20.6	138
1600000US	606000	Berkeley city, California	109408	82	109408	(X)	53522	1024	48.9	0.9	55886
1600000US	606028	Bermuda Dunes CDP, Calif	6879	592	6879	(X)	3819	426	55.5	3.1	3060
1600000US	606070	Berry Creek CDP, Californi	1209	187	1209	(X)	655	104	54.2	3.6	554
1600000US	606150	Bertsch-Oceanview CDP, C	2589	427	2589	(X)	1403	263	54.2	5.2	1186
1600000US	606210	Bethel Island CDP, Californ	2191	447	2191	(X)	1082	244	49.4	6.3	1109

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Id GEO.id	Id2 GEO.id2	Geography GEO.display-label	Total; Estimate; Total households HC01_EST_VC02	Total; Margin of Error; Total households HC01_MOE_VC02	Married-couple family household; Estimate; Total households HC02_EST_VC02	Married-couple family household; Margin of Error; Total households HC02_MOE_VC02	Male householder, no wife present, family household; Estimate; Total households HC03_EST_VC02	Male householder, no wife present, family household; Margin of Error; Total households HC03_MOE_VC02	Female householder, no husband present, family household; Estimate; Total households HC04_EST_VC02	Female householder, no husband present, family household; Margin of Error; Total households HC04_MOE_VC02
1600000US	600135	Acalanes Ridge CDP, California	574	121	409	131	0	132	18	20
1600000US	600156	Acampo CDP, California	9	14	9	14	0	132	0	132
1600000US	600212	Acton CDP, California	2378	166	1751	169	25	28	169	93
1600000US	600296	Adelanto city, California	7040	328	3594	273	448	156	1849	292
1600000US	600310	Adin CDP, California	186	75	86	43	0	132	25	38
1600000US	600394	Agoura Hills city, California	7393	212	4906	244	152	98	618	199
1600000US	600450	Agua Dulce CDP, California	997	137	738	117	11	17	67	75
1600000US	600464	Aguanga CDP, California	468	173	311	162	17	31	18	28
1600000US	600478	Ahwahnee CDP, California	867	147	574	156	9	14	13	19
1600000US	600535	Airport CDP, California	518	115	165	82	38	45	186	93
1600000US	600562	Alameda city, California	29177	602	12840	439	1390	315	3367	382
1600000US	600618	Alamo CDP, California	5365	216	4219	246	240	82	291	99
1600000US	600674	Albany city, California	7283	238	3566	222	337	120	911	173
1600000US	600716	Albion CDP, California	132	69	22	19	0	132	0	132
1600000US	600786	Alderpoint CDP, California	48	45	23	35	25	33	0	132
1600000US	600884	Alhambra city, California	28804	532	13745	607	2057	269	4972	458
1600000US	600898	Alhambra Valley CDP, California	313	88	260	82	0	132	0	132
1600000US	600947	Aliso Viejo city, California	18077	475	9264	361	521	134	1599	251
1600000US	600982	Alleghany CDP, California	14	18	8	14	0	132	6	10
1600000US	600996	Allendale CDP, California	607	110	446	93	0	132	57	43
1600000US	601010	Allensworth CDP, California	63	24	38	20	0	132	8	9
1600000US	601094	Almanor CDP, California	10	15	0	132	0	132	0	132
1600000US	601150	Alondra Park CDP, California	2922	171	1383	156	328	152	458	124
1600000US	601164	Alpaugh CDP, California	211	48	92	31	52	32	40	24
1600000US	601192	Alpine CDP, California	4848	230	2980	250	339	133	511	161
1600000US	601228	Alpine Village CDP, California	95	41	20	15	0	132	9	9
1600000US	601276	Alta CDP, California	196	49	128	39	21	19	4	6
1600000US	601290	Altadena CDP, California	15549	303	8293	378	893	211	1894	259
1600000US	601360	Alta Sierra CDP, California	2844	149	1973	152	92	91	207	108
1600000US	601416	Alto CDP, California	270	91	133	79	0	132	0	132
1600000US	601444	Alturas city, California	1201	132	458	105	37	44	274	80
1600000US	601458	Alum Rock CDP, California	3963	308	2428	234	308	120	678	165
1600000US	601514	Amador City city, California	67	29	34	23	5	8	0	132
1600000US	601640	American Canyon city, California	5354	258	3340	263	246	120	733	193
1600000US	601651	Amesti CDP, California	1007	90	632	121	100	100	128	66
1600000US	602000	Anaheim city, California	99283	1079	53078	940	6237	477	15717	792
1600000US	602028	Anchor Bay CDP, California	131	66	89	57	0	132	0	132
1600000US	602042	Anderson city, California	3972	263	1539	168	218	105	476	141
1600000US	602112	Angels city, California	1637	191	877	146	39	47	155	37
1600000US	602168	Angwin CDP, California	784	109	445	86	6	9	58	31
1600000US	602210	Antelope CDP, California	14359	245	8637	377	791	239	2066	336
1600000US	602252	Antioch city, California	31119	685	16527	580	2577	379	5076	441
1600000US	602294	Anza CDP, California	1021	192	543	162	48	44	130	83
1600000US	602364	Apple Valley town, California	22402	545	12473	489	1367	243	3030	363
1600000US	602378	Aptos CDP, California	2648	231	1424	219	64	51	280	123
1600000US	602382	Aptos Hills-Larkin Valley CDP, California	847	140	471	124	0	132	144	99
1600000US	602420	Arbuckle CDP, California	981	179	527	132	34	43	226	105
1600000US	602462	Arcadia city, California	18983	407	11225	363	839	199	2388	256
1600000US	602476	Arcata city, California	7183	405	1693	189	291	135	788	169
1600000US	602553	Arden-Arcade CDP, California	40756	588	14167	572	1999	371	5650	496
1600000US	602700	Armona CDP, California	869	140	535	150	60	41	89	66
1600000US	602770	Arnold CDP, California	1406	275	803	228	67	79	108	93
1600000US	602812	Aromas CDP, California	723	131	501	127	45	38	61	40
1600000US	602868	Arroyo Grande city, California	7051	272	3548	267	299	151	771	158

1600000US	602896	Artesia city, California	4593	247	2598	263	469	132	877	196
1600000US	602910	Artois CDP, California	72	47	72	47	0	132	0	132
1600000US	602924	Arvin city, California	3991	294	2440	234	425	163	632	204
1600000US	602980	Ashland CDP, California	7050	270	2499	251	371	170	1809	274
1600000US	603026	Aspen Springs CDP, California	0	132	0	132	0	132	0	132
1600000US	603064	Atascadero city, California	10453	399	5405	322	586	185	1101	212
1600000US	603092	Atherton town, California	2132	195	1564	174	74	48	106	62
1600000US	603162	Atwater city, California	8229	318	4401	270	332	137	1540	238
1600000US	603190	Auberry CDP, California	847	140	502	130	38	47	81	83
1600000US	603204	Auburn city, California	5958	301	2789	231	139	68	703	193
1600000US	603205	Auburn Lake Trails CDP, California	1553	134	1067	136	29	33	67	58
1600000US	603209	August CDP, California	2363	181	999	185	197	99	476	161
1600000US	603274	Avalon city, California	1315	132	717	88	44	44	141	78
1600000US	603302	Avenal city, California	3467	249	1992	288	305	165	656	200
1600000US	603316	Avery CDP, California	216	123	82	66	0	132	0	132
1600000US	603330	Avilla Beach CDP, California	546	113	266	107	19	32	23	24
1600000US	603344	Avocado Heights CDP, California	3900	131	2394	219	290	124	637	162
1600000US	603386	Azusa city, California	12641	530	6051	418	946	191	2177	255
1600000US	603512	Baker CDP, California	151	55	61	39	21	17	22	23
1600000US	603526	Bakersfield city, California	105648	1189	54600	1130	6382	630	17668	820
1600000US	603666	Baldwin Park city, California	17600	502	10000	502	1504	270	4056	415
1600000US	603694	Ballard CDP, California	180	37	108	31	7	8	16	16
1600000US	603708	Ballico CDP, California	118	48	73	46	9	8	24	20
1600000US	603792	Bangor CDP, California	145	45	86	37	0	132	5	6
1600000US	603820	Banning city, California	11871	388	5699	334	409	132	1316	213
1600000US	604030	Barstow city, California	8063	299	3424	286	404	151	1556	261
1600000US	604198	Bass Lake CDP, California	238	84	146	70	0	132	0	132
1600000US	604415	Bay Point CDP, California	6467	276	3169	296	437	161	1262	221
1600000US	604470	Bayview CDP (Contra Costa County), California	663	96	408	75	43	40	52	37
1600000US	604478	Bayview CDP (Humboldt County), California	1031	121	381	82	161	94	227	91
1600000US	604576	Beale AFB CDP, California	690	124	483	109	12	18	56	45
1600000US	604632	Bear Creek CDP, California	59	33	36	28	10	18	0	132
1600000US	604716	Bear Valley CDP (Alpine County), California	16	18	11	13	0	132	0	132
1600000US	604730	Bear Valley CDP (Mariposa County), California	112	60	0	132	32	46	34	54
1600000US	604734	Bear Valley Springs CDP, California	2249	201	1573	173	77	78	96	88
1600000US	604758	Beaumont city, California	11058	376	6908	327	368	140	1079	182
1600000US	604772	Beckwourth CDP, California	215	110	124	98	50	56	0	132
1600000US	604856	Belden CDP, California	60	67	0	132	12	21	0	132
1600000US	604870	Bell city, California	9000	295	4656	273	877	207	2171	242
1600000US	604926	Bella Vista CDP, California	925	136	636	125	0	132	68	48
1600000US	604938	Bell Canyon CDP, California	810	78	655	120	39	63	71	69
1600000US	604982	Bellflower city, California	24091	571	10995	555	1898	322	5009	495
1600000US	604996	Bell Gardens city, California	10040	300	5617	366	802	192	2115	341
1600000US	605108	Belmont city, California	10347	343	5372	280	350	135	823	202
1600000US	605164	Belvedere city, California	924	69	565	68	21	32	24	20
1600000US	605262	Benbow CDP, California	227	88	140	67	13	20	10	18
1600000US	605276	Bend CDP, California	247	52	156	43	13	19	5	7
1600000US	605290	Benicia city, California	10916	328	5977	344	301	105	1336	227
1600000US	605332	Ben Lomond CDP, California	2356	147	1328	150	68	44	253	99
1600000US	605346	Benton CDP, California	138	112	63	100	0	132	5	9
1600000US	606000	Berkeley city, California	43189	1230	13928	654	1272	196	3615	368
1600000US	606028	Bermuda Dunes CDP, California	2996	222	1415	226	201	150	321	143
1600000US	606070	Berry Creek CDP, California	545	77	290	62	20	17	13	9
1600000US	606150	Bertsch-Oceanview CDP, California	856	138	494	109	31	29	95	74
1600000US	606210	Bethel Island CDP, California	1032	161	449	137	0	132	87	44
1600000US	606308	Beverly Hills city, California	14612	435	6804	386	411	162	1080	237
1600000US	606336	Bieber CDP, California	101	36	84	36	0	132	0	132
1600000US	606406	Big Bear City CDP, California	4540	387	2181	305	343	151	341	124
1600000US	606434	Big Bear Lake city, California	2091	218	935	152	19	30	275	107
1600000US	606475	Big Bend CDP, California	55	27	4	6	11	13	4	6
1600000US	606518	Big Creek CDP, California	65	36	53	33	0	132	0	132
1600000US	606560	Biggs city, California	661	97	417	76	37	32	76	38
1600000US	606567	Big Lagoon CDP, California	63	23	22	11	13	21	0	132
1600000US	606616	Big Pine CDP, California	705	82	372	82	51	32	48	35

FINAL

JUNE 2011

CITY OF PASO ROBLES

2010 URBAN WATER MANAGEMENT PLAN

Todd Engineers

City of Paso Robles

2010 Urban Water Management Plan

FINAL

June 2011

Prepared for:

City of El Paso de Robles
1000 Spring Street
Paso Robles, California 93446
805-227-7276
www.prcity.com

Prepared by:

Todd Engineers
2490 Mariner Square Loop, Suite 215
Alameda, California 94501
510-747-6920
www.toddengineers.com

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EXECUTIVE SUMMARY

This Urban Water Management Plan (Plan or UWMP) has been prepared for the City of Paso Robles to help guide the City's water management efforts to the year 2025. It has been prepared in accordance with the Urban Water Management Planning Act (Division 6 Part 2.6 of the Water Code §§10610 – 10656) and the Water Conservation Act (Division 6 Part 2.55 of the Water Code §§10608 – 10608.44).

This Plan documents the City's sources of water supply, defines water demands, presents a water shortage contingency plan, and describes implementation of water demand management measures. The Plan also projects supply and demand to the year 2035 (although buildout, in accordance with the City's 2003 General Plan, is projected to occur sooner). This supports compliance with SB221 requirements for demonstration of adequate water supplies for new development.

This Plan builds on and updates the 2005 UWMP, accounting for changes in the California Water Code and local planning and water management efforts. On November 4, 2009, California lawmakers passed four inter-related water policy bills (called the 2009 Water Package). Bills in the 2009 Water Package amend the Urban Water Management Planning Act and revise requirements of subsequent UWMPs. Specifically, Senate Bill 7 (Statewide Water Conservation) establishes a goal of 20 percent reduction in statewide urban water use (in gallons per capita per day) by 2020. Accordingly, this 2010 UWMP includes a baseline water use estimate, assesses current water use per capita, and develops specific water use targets to meet the 2020 goal of 20 percent water use reduction.

WATER SUPPLY AND DEMAND

The City's population is expected to grow less than one percent annually between 2010 and 2015. The population is then projected to increase linearly to the buildout potential of 44,000 residents in 2025 as per the City's 2003 General Plan. As the City's population increases, total "Baseline" water demand is projected to increase from 6,326 acre feet per year (AFY) to 13,400 AFY by 2025. Baseline demand is projected demand without demand reductions from water conservation programs and recycled water programs outlined in this Plan. Water use in 2009 and 2010 were reduced by approximately 20 percent due to City-wide mandatory outdoor water use restrictions. Currently, much of the City's water demand is for single-family residential uses; in the future, it is expected that commercial demands will increase relative to single-family residential demand.

Water Supplies Needed to Meet Demands - Current and Projected (AFY)							
Water Supply Sources	**2007**	**2010**	**2015**	**2020**	**2025**	**2030**	**2035**
Basin Wells	4,103	2,338	100	990	3,400[1]	3,400[1]	3,400[1]
River Wells	4,023	3,988	4,450	4,600	4,600	4,600	4,600
Nacimiento Water	0	0	4,000	5,400	5,400	5,400	5,400
Demand Without Potential Conservation	**8,126**	**6,326**	**8,550**	**10,990**	**13,400**	**13,400**	**13,400**
Potential Conservation and Recycled Water Savings	**2007**	**2010**	**2015**	**2020**	**2025**	**2030**	**2035**
BMP/DMM Conservation	0	61	364	1,038	1,617	1,617	1,617
Price Elasticity of Water Rates Conservation	0	0	616	1,827	1,618	1,618	1,618
Recycled Water (Phase 1 Direct Use)	0	0	0	0	650	650	650
SB-7 Target Water Demands (AFY) to Comply with 20% gpcd Demand Reduction by 2020	**Not Applicable**	**Not Applicable**	**7,570**	**8,125**	**9,515**	**9,515**	**9,515**
SB-7 Target Water Demands (gpcd)	**Not Applicable**	**Not Applicable**	**217 gpcd**	**193 gpcd**	**193 gpcd**	**193 gpcd**	**193 gpcd**

1. If SB7 targets for water conservation and water recycling shown can be achieved, pumping from basin wells would be reduced significantly from the 3,400 AFY shown at buildout. If necessary, to reduce basin pumping, additional supplemental supply sources such as Nacimiento water and water recycling will be evaluated.

A possible water supply scenario is presented in the table above. The top part of the table shows supplies needed to meet projected demands while the bottom portion of the table presents the potential conservation and recycled water required to comply with the Senate Bill 7 goal of 20 percent reduction in urban water use by 2020. If SB7 targets for water conservation and water recycling shown can be achieved, pumping from basin wells would be reduced significantly from the 3,400 AFY shown at buildout. If necessary, to reduce basin pumping, additional supplemental supply sources such as Nacimiento water and water recycling will be evaluated.

The City currently relies on water from two sources: Salinas River underflow and groundwater in the Paso Robles Groundwater Basin. The City's Salinas River underflow is subject to State permitting that allows the City to extract up to eight cubic feet per second (cfs) with a maximum extraction of 4,600 AFY. Until recently, the City's use of underflow was below the full appropriation due to limited production capacity, but reached 4,558 AF in 2005.

The City also produces groundwater from the Paso Robles Groundwater Basin through wells distributed through the service area. This distribution helps minimize local impacts on groundwater levels and reduces the potential for any single event to disrupt production from more than a few wells. The groundwater basin is shared among many users, including rural users, municipalities, and agriculture (which accounted for 68 percent of basin pumping in 2006). In the past, City pumping from the basin has been as high as 4,103 AFY in 2007.

Groundwater use in the Paso Robles Basin is close to the estimated perennial yield value and significant groundwater level declines are continuing locally, most notably in the Estrella subarea. This area provides half of the City's groundwater supply as well as supply for farmers, domestic users, and other communities. San Luis Obispo County has designated the entire basin, with the exception of the Atascadero subbasin, as Level of Severity III (LOS III). The LOS III designation indicates demand for the resource will equal or exceed its supply before supplemental supplies can be developed. The Atascadero subbasin was designated a LOS I, a first alert level to monitor groundwater use as sufficient lead time exists before use nears supply. Additionally, municipal pumping accounts for approximately 75 pecent of pumping in the subbasin and most of the pumping is from the Salinas River underflow. Municipal pumpers can balance supply and demand with use of surface water, conservation, and usage redistribution, if necessary.

The City participates in groundwater basin monitoring and management planning and activities, in cooperation with San Luis Obispo County and other water users. The City is an active participant in the current groundwater basin management planning and in the Paso Robles Groundwater Basin Agreement with San Luis Obispo County and specific basin landowners. This agreement supports groundwater management to avoid overdraft and promotes long-term groundwater supply reliability.

The City has regularly experienced seasonal water supply problems as existing wells have become unable to deliver peak water demands. City-wide mandatory outdoor water use restrictions were implemented in 2009 (Level 2 of the City's Water Conservation Ordinance and Water Shortage Contingency Plan) to reduce summer peak water demands and thereby manage a projected water production shortfall of 20 percent. It is anticipated that these restrictions will be lifted when Nacimiento surface water supply becomes available or when sufficient interim well capacity is provided.

The City intends to develop two additional water supply sources for the future. First, the City entered into an agreement with San Luis Obispo County to import 4,000 AFY of Lake Nacimiento water. Construction of a treatment plant is expected to begin in 2015 that will allow use of the new water supply. An additional 1,400 AFY of Nacimiento water is anticipated to be acquired around 2020. Lake Nacimiento water will significantly enhance the City's ability to meet peak season and long-term demands. The Lake Nacimiento supply is independent of local groundwater supplies and the water delivery contracts give the City and other San Luis Obispo County agencies high priority in droughts. Use of Nacimiento water will reduce groundwater pumping and provide an additional high quality water source for City residents. Additionally, Nacimiento water is lower in Hardness than groundwater and will require less softening by customers, thereby improving the quality of the City's wastewater treatment plant effluent. This is important because the City's treated wastewater effluent is recharged to the

groundwater basin and improved effluent quality will yield long-term water quality benefits to the groundwater basin.

In addition, the City is actively planning for an estimated 650 AFY of recycled water for irrigation by 2025. Recycled water for irrigation not only releases potable groundwater for higher beneficial uses, but is very reliable throughout the year and during drought. Provision of recycled water for landscape irrigation would substantially reduce peak water demands in summer.

Comparison of planned water supply sources and projected water demand in the long term—to 2025 and beyond—indicates that even with water conservation, Lake Nacimiento supply, and water recycling, the City will continue to rely on Salinas River underflow and groundwater in the Paso Robles Groundwater Basin for a portion of the water supply.

WATER SHORTAGE CONTINGENCY PLAN

In addition to evaluating the overall reliability of water supply, this Plan also assesses the reliability of City water supply during single-year and multiple-year droughts, and in the event of a catastrophe.

Water levels in the City's Paso Robles Groundwater Basin wells have been dropping consistently over the last 12 years due to regional water level declines in the basin. The impact of single year or multi-year droughts can amplify the effects of regional groundwater level declines, resulting in further lowering of well production levels. Single year droughts have not significantly affected the City's wells. However, droughts with durations of 3, 4, or 5 years are more problematic in terms of creating additional impacts on top of chronic water level declines in the basin (Boyle, September 2006).

In response to chronic and continuing water level declines and lowered water production capacity, the City has installed treatment systems to recommission standby wells and rehabilitated other wells to maintain production capacity. In addition, in June of 2009 the City adopted a Water Conservation and Water Shortage Contingency Plan (Ordinance No. 956 N.S.). This plan establishes mandatory and permanent water management measures necessary to overcome supply deficiency, promote efficient use of water, and to prevent waste. The plan outlines a staged approach to dealing with supply shortfalls from 10 to 50 percent (see Appendix C for the plan). In June of 2009, the City initiated mandatory Level 2 outdoor water use restrictions during the summer months. These restrictions, which are anticipated to remain in effect until additional water supplies are developed, have been successful in reducing peak demand and enabling the City to maintain reservoir storage levels for emergency and reserve uses.

WATER DEMAND MANAGEMENT MEASURES

Water demand management (water conservation) reduces waste, lowers wastewater treatment costs, extends the life of supplies and can improve overall water quality. Benefits to the groundwater basin will occur as groundwater that is not pumped will remain in storage, helping to maintain groundwater levels and increase long-term groundwater supply reliability (including during droughts). Water conservation efforts directed toward landscape irrigation will help reduce seasonal peak demands and diminish the

potential for seasonal shortages. Through water conservation, citizens can be assured that the City is using its existing water supplies efficiently while pursuing additional water supplies.

In 2010, the City became a member of the California Urban Water Conservation Council (CUWCC). Since submitting the 2005 UWMP, Paso Robles has made significant progress in implementing the CUWCC Demand Management Measures. A Water Conservation Manager position has been staffed, and programs covering 11 of the 14 original DMMs have now been implemented. The remaining DMMs will be evaluated for implementation during the 2011-2015 period. Water savings from the DMMS are estimated to range from 364 and 1,617 AFY between 2015 and 2035.

1. INTRODUCTION

1.1 PLAN PREPARATION AND ADOPTION

This Urban Water Management Plan (Plan or UWMP) has been prepared for the City of Paso Robles to help guide the City's water management efforts to the year 2025 and beyond. It has been prepared in accordance with the Urban Water Management Planning Act (Division 6 Part 2.6 of the Water Code §§10610 – 10656) and the Water Conservation Act (Division 6 Part 2.55 of the Water Code §§10608 – 10608.44).

This Plan documents the City's sources of water supply, defines water demands, presents a water shortage contingency plan, and describes implementation of water demand management measures. The Plan also projects supply and demand to the year 2035 (although buildout, in accordance with the City's 2003 General Plan, is projected to occur sooner). This allows the document to be used for compliance with SB221 requirements for demonstration of adequate water supplies for new development.

This Plan builds on and updates the 2005 UWMP, accounting for changes in the California Water Code and local planning and water management efforts. On November 4, 2009, California lawmakers passed four inter-related water policy bills (called the 2009 Water Package). Bills in the 2009 Water Package amend the Urban Water Management Planning Act and revise requirements of UWMPs. Specifically, Senate Bill 7 (Statewide Water Conservation) establishes a goal of 20 percent reduction in statewide urban water use (measured in gallons per capita per day) by 2020. Accordingly, this 2010 UWMP includes a baseline water use estimate, assesses current water use per capita, and develops specific water use targets to meet the 2020 goal of 20 percent water use reduction.

The City established the following water resource goals in 2004:

- improve water quality,
- increase and diversify water resources,
- increase reliability of water supplies,
- reduce groundwater basin dependence,
- reduce salt loading into the basin and thereby comply with regulatory mandates,
- maintain a strong water rights position, and
- anticipate regulatory requirements.

To attain these goals, the City recently:

- developed a facilities Capital Improvement Program focused on providing high quality dependable water supply to residents,
- completed a 2010 Water Rate and Revenue Analysis report and established a new water rate billing structure,
- developed a source control program for wastewater, and

- hired a water conservation manager and implemented a water conservation program.

The City currently is:

- progressing with plans for a water treatment plant to treat surface water received from Lake Nacimiento,
- progressing with plans for upgrading their wastewater treatment plant for improved effluent water quality,
- participating in preparation of a Groundwater Basin Management Plan, and
- developing a Recycled Water Master Plan and Financial Plan.

The Urban Water Management Plan is a key component in the advancement of the City toward community water resource goals. Most notably, the Plan documents the quantity and quality of the City's water supplies, both current and future. This provides baseline information for future augmentation and diversification of City supplies. The Plan also provides specific assessment of the reliability of City water supplies during normal and drought years and in emergencies. In addition, the Plan documents the City's water rights and measures taken by the City to protect its use of water supplies.

In accordance with UWMP requirements, San Luis Obispo County and the public were notified at least 60 days prior to the public hearing that the UWMP would be revised. Paso Robles held a public hearing at least 45 days after the circulation of the Public Draft Plan and prior to adoption of the Plan. A public notice was posted before the public hearing. Documentation of the public notices and public hearing are included in **Appendix A**. The public hearing included a general discussion of the implementation plan for complying with Senate Bill 7, Statewide Water Conservation.

The Final Plan was adopted by the City Council on June 21, 2011. The resolution to adopt the Plan is included in **Appendix A**. The adopted Plan has been submitted to the Department of Water Resources and the California State Library, as required by law. Copies of the Plan were also sent to San Luis Obispo County and the City of Paso Robles public library, and posted on the City's website. **Appendix A** contains required documentation. California regulations require Urban Water Management Plans to be updated at least once every five years in years ending in five and zero. However, Senate Bill 7 extended the deadline for adoption of the 2010 UWMP to July 1, 2011.

1.2 AGENCY COORDINATION AND PUBLIC PARTICIPATION

Paso Robles has provided for agency coordination and community participation in its urban water management planning efforts. **Table 1** lists the organizations contacted and summarizes citizen participation. A Draft Plan was available to the public on May 1, 2011 for comment with a public presentation on May 17, 2011 to summarize the Draft Plan. **Table 1** also summarizes circulation of the Draft and Final plans. The Draft Plan was sent to the listed organizations with a request to provide comments. Final Plan copies are available at City Hall and the City Library. An electronic version is available on the City's website (http://www.prcity.com).

In addition to preparation of this report, coordination with other agencies is ongoing in the Paso Robles area. For example, the City of Paso Robles, in partnership with San Luis Obispo County and local stakeholders, is preparing a groundwater basin management plan for the Paso Robles Groundwater Basin. The City is signatory to the Paso Robles Groundwater Basin Agreement with the County and certain private landowners, who have organized as the Paso Robles Imperiled Overlying Rights (PRIOR) group. The City also participates actively in the Water Resources Advisory Committee, which provides advice to the County Board of Supervisors on water policy.

1.3 ACKNOWLEDGEMENTS

This Plan was prepared by Todd Engineers. We appreciate the considerable assistance provided by the City of Paso Robles staff. This Plan was prepared using the checklists and worksheets provided by the California Department of Water Resources (DWR) from their website,

http://www.owue.water.ca.gov/urbanplan/index.cfm

and their *Final Guidebook to Assist Urban Water Suppliers to Prepare a 2010 Urban Water Management Plan,* March, 2011.

2. SERVICE AREA

2.1 LOCATION

The City of Paso Robles is located in northern San Luis Obispo County (North County), on the eastern, inland side of the Santa Lucia Mountains. As illustrated in **Figure 1**, Paso Robles is situated on the upper Salinas River, which flows north toward Monterey County. Incorporated in 1889, the City of El Paso de Robles (Paso Robles) now encompasses a total area of 11,985 acres on both sides of the Salinas River (Rincon, 2003). Other communities near Paso Robles include Santa Margarita, Atascadero, Templeton, San Miguel and Shandon. The City also is situated on the western margin of the Paso Robles Groundwater Basin, which is the water-bearing portion of the upper Salinas River drainage area.

2.2 CLIMATE

Paso Robles has a semi-arid, Mediterranean climate characterized by hot sunny summers and cool winters. Because of its inland location, the influence of fog and maritime breezes is less pronounced than in south county cities such as San Luis Obispo. Precipitation on the Paso Robles Groundwater Basin area ranges from an annual average of 16 inches or more in the west to less than 10 inches in the east (Todd Engineers, 2007).

Table 2 summarizes local climate data, including rainfall, evapotranspiration, and temperature. As shown, the long-term average annual rainfall is 14.86 inches; most of the precipitation occurs in the winter months (November through April). Rainfall has been measured since 1894 at Paso Robles (station 046730, see **Figure 1** for location) and, as illustrated in **Figure 2**, is subject to wide annual variations. Since 1931, the lowest recorded annual rainfall was 4.24 inches in 1947 and the greatest annual rainfall was 29.19 inches in 1941. As shown on **Figure 2**, the recent years 2007 through 2009 have been relatively dry: however, rainfall in 2010 was above average because of the heavy rainfall in December (7.14 inches).

Table 2 also presents average evapotranspiration (ET) data. ET is the loss of water to the atmosphere by evaporation from soil and plant surfaces and transpiration from plants. It is an indicator of how much water is needed by crops, lawns, gardens, and trees for healthy growth and productivity. ET from a standardized grass surface is the common reference, denoted as ETo. The least ET occurs in the cool wet winter months and greatest ET occurs during the hot dry summer months. This results in peak monthly water demands in summer that are three times the comparable winter demand.

Average monthly temperatures range from 46.7 degrees Fahrenheit in January and December to more than 71 degrees in July and August. In these two months, daily maximum temperatures typically exceed 90 degrees. Summer days with 100+ degree temperatures are common.

2.3 POPULATION

The first major commercial activity in the North County was cattle grazing, followed by development of almond groves and most recently, extensive planting of vineyards. In addition to its agricultural base, Paso Robles also has a long history of tourism, based historically on development of local hot springs and more recently on wine touring. Other major factors affecting historical growth of the City included development of Camp Roberts (a large military base) during World War II and improvement of State Highways 101 and 46. Paso Robles remains the major service center for ranching and agriculture in the North County, particularly areas to the east along Highway 46.

Three reservoirs have been developed in the area for flood control, water supply, and recreation; these are Santa Margarita Lake (Salinas Dam) on the upper Salinas River, Lake Nacimiento on the Nacimiento River near the San Luis Obispo-Monterey County line, as well as San Antonio Lake in Monterey County. These lakes are popular vacation destinations, and along with wineries and Mid-State Fairgrounds events, have contributed significantly to tourism in Paso Robles. Paso Robles also has attracted numerous retirees from Southern California metropolitan areas. Approximately 60 percent of the land in the City is zoned for residential uses.

Table 3 shows the City's population in 2005 and 2010 along with projections to the year 2035 in five-year intervals. The population increased 10 percent between 2005 and 2010, a rate of about 2 percent annually. Population growth is expected to slow to a rate of less than 1 percent annually between 2010 and 2015, a result, in part, of the recession (Kennedy-Jenks, 2010). In December 2003, the City approved a residential population planning threshold of 44,000 residents by the year 2025 (Rincon, 2003). This projection results in an approximate 43 percent population increase over the 10-year period between 2015 and 2025. The population projection for 2020 was derived from a linear interpolation between the estimated 2015 population and projected 2025 population. This results in a growth rate of about 4.3 percent annually between 2015 and the buildout population of 44,000 in 2025. For this UWMP, the population was assumed to remain stable between 2025 and 2035 reflecting buildout conditions. It is anticipated that the buildout population number will be reviewed before 2025 during the City's General Plan update process.

3. WATER DEMAND

The City's past, current and projected water demands are presented in this section. In accordance with Senate Bill 7 (Statewide Water Conservation), this section also includes a baseline water use calculation and develops specific water use targets to meet the 2020 goal of a 20 percent water use reduction. Current water demand is provided by water use sector and projected to 2035 in five-year increments although buildout is projected to occur sooner than 2035. Total water use (including unaccounted-for water or unmetered use) is also provided and projected to 2035.

3.1 PAST AND CURRENT WATER DEMAND

Table 4 shows the number of water service accounts by customer type. The basic breakdown into the water use sectors (single family, multi-family, commercial, industrial, institutional/governmental, and irrigation/other) was derived from current billing system categories. The number of multi-family accounts is not the same as the number of multi-family units; in many cases, one connection supplies water to multiple units.

As shown in the bottom row of **Table 4**, the City provided water to 9,736 accounts in 2005 and 10,276 accounts in 2010, a 5.5 percent increase over the 5-year period. Water deliveries for 2005 and 2010 were 7,163 acre-feet per year (AFY) and 5,749 AFY, respectively. Water deliveries in 2010 were much lower than 2005 deliveries because of mandatory City-wide outdoor water use restrictions implemented in 2009. Level 2 of the City's Water Conservation Ordinance and Water Shortage Contingency Plan was implemented to reduce summer peak water demands and thereby manage a projected water production shortfall of 20 percent. These restrictions will be lifted when Nacimiento surface water supply becomes available or sufficient interim well capacity is provided.

These annual delivery volumes do not include unaccounted-for water. A small portion of water produced in any water system is unaccounted between metered water production and metered water usage. Unaccounted water typically includes unmetered use (for example, main flushing), meter error, and, to a much lesser extent, leaks. Unaccounted urban water use in California generally ranges from 6 to 15 percent (California DWR, August 1994). In 2010, 577 AFY, or about 9.1 percent of water production, was unaccounted (**Table 5**).

Typical annual water deliveries per residential account calculated for 2005 are 0.47 acre feet (AF)/account for single family residential and 2.06 AF/account for multi-family residential. In 2010, deliveries per residential account were less (0.40 AF per single family account, 1.43 AF per multi-family account) and non-representative of typical use because of the City-wide mandatory outdoor water use restrictions[1]. Water deliveries to Institutional/governmental facilities were broken out from the

1. Due to upgrades and changes in the City's billing system, water deliveries to each of the non-residential sectors were revised from the 2005 distribution in the City's 2005 UWMP.

Irrigation/Other sector and some commercial and industrial accounts were redefined.

The number and type of water service connections provide insight into different customers' water use, which can be useful in defining effective water conservation measures. The parks, landscape irrigation and other category may include commercial, school, park, and multi-family landscape irrigation as well as construction meter use; there are no significant agricultural customers for City water. As indicated, most service connections are residential.

State legislation (SB 1087 and Government Code section 65589.7), effective January 1, 2006, specifies that local water agencies and sewer districts must grant priority for service hook-ups to projects that help meet the community's fair housing need. In other words, policies and procedures should be written to provide priority service to new developments with affordable housing and these policies should be updated every five years. **Table 6** shows estimated water deliveries to low income housing units in 2010 (218 AFY or about 5.4 percent of total residential demand in 2010). As shown in the table, construction of additional multi-family low-income housing units is expected by 2015. At this time, there are no specific plans for additional low-income housing units between 2015 and 2035.

Other water use sectors such as sales to other agencies, groundwater recharge, and conjunctive use are not performed in Paso Robles at this time or planned in the future and thus have not been included in these tables.

3.2 BASELINE DEMAND

In accordance with Senate Bill 7, water suppliers must define a 10- or 15-year water use Base Period. This Base Period is used to calculate a Base Daily per Capita Water Use. By 2015, the baseline per capita water use in the City's service area must be reduced by 10 percent and, by 2020, per capita water use must be reduced by 20 percent.

Four methods are provided in Senate Bill 7 for calculating the 2015 and 2020 water use reduction targets. The first method was used, in which per capita daily water use in 2020 is 80 percent of the Base Daily per Capita Water Use. This method is the most applicable to available data as well as the water use and demographics of the City. Target water use in 2015 should be 90 percent of the Base Daily per Capita Water Use or 217 gpcd (241 x 0.90 = 217). Target 2020 water use per capita per day should be 80 percent of the Base Daily per Capita Water Use or 193 gpcd (241 x 0.80 = 193 gpcd). The target 2020 per capita water use of 193 gpcd also applies to 2025, 2030, and 2035. These values are developed for the entire service area. The target water uses are shown at the bottom of **Table 5** in AFY and gpcd.

The City currently does not utilize recycled water, therefore Senate Bill 7 dictates that a continuous 10-year base period is required. The base period must begin after December 31, 2004 and end no later than December 31, 2010. Base period determination is shown in **Table 7**. The most recent representative period was used, namely, 1999 through 2008. Water use in 2009 and 2010 were atypically low because of Level 2 City-wide mandatory outdoor water use restrictions. The City has expanded in area over the base period; **Figure 3** shows land that was annexed into the City between 1999 and 2005. No additional land has been annexed since 2005.

Table 8 presents the calculations for the average Base Daily per Capita Water Use over the selected 10-year Base Period. The Base Daily per Capita Water Use was calculated to be 241 gallons per day per capita (gpcd). Annual daily per capita water use varied between 229 gpcd (2006) and 254 gpcd (2002) over the Base Period depending upon weather and other factors.

It should be noted that the gross per capita use is the average amount of water used by City residents each year, including not only direct residential water use, but also indirect water uses that benefit residents such as fire fighting, park and school irrigation, commercial and industrial uses, and other municipal uses.

3.3 PROJECTED WATER DEMAND

Table 4 also provides projections for water service connections and customer deliveries in five-year intervals between 2015 and 2035. For City planning purposes, **Table 4** presents projected deliveries based on baseline water usage rate prior to potential conservation and recycling savings. (These potential savings are shown in **Table 5**.) Potential conservation savings should be viewed as an optimistic projection of what is achievable.

Table 4 is based on the City's General Plan and assumes a population threshold of 44,000. Water demands are presented for each sector. The sector-specific water demands projected for 2025 are based on potential use of all land use categories.

The number of single family and multi-family units for each water use sector in 2025 (buildout) was based on potential land use buildout up to a planning threshold of 44,000 residents. Multi-family units were converted to multi-family accounts assuming an average of 5.9 units per account. To derive water demands for the intervening years, residential connections were assumed to increase proportionally to projected population increases. The projected deliveries assume 2025 use rates per account. Similarly, commercial and industrial accounts were assumed to increase proportionally to projected population increases. Commercial use per connection was based on 2008 usage rates.

Single family accounts are estimated to increase 43 percent while multi-family accounts are estimated to increase 74 percent between 2010 and 2025. Commercial plus industrial accounts are projected to increase 188 percent between 2010 and 2025. Little or no growth is expected in the institutional/governmental and irrigation/other sector. However, water use in the irrigation/other sector will increase above the atypically low 2010 use resulting from the temporary City-wide mandatory outdoor water use restrictions.

Table 5 shows projected unaccounted-for water estimated at about seven percent of total water use for 2015 through 2035. **Table 5** also shows water demands from **Table 4** and provides the total water use from 2005 to 2035, which is the sum of water demands and system losses. The last two rows of **Table 5** are the target water use values for 2015 and 2020. The Potential Conservation and Recycling row is the amount of water savings needed to achieve the State-mandated target of a 20 percent reduction by 2020.

The estimates of projected water use at buildout in this 2010 UWMP differ from the projections presented in the 2005 UWMP. The 2010 water use projections are lower than the 2005 projections. This reflects the use of a population planning threshold on the housing units to reflect a population of 44,000, as presented in the current General Plan. In contrast, the 2005 UWMP projections were based solely on full development of all zoned land uses. The 2010 UWMP projections represent a reasonable refinement; for example, recent review by the Planning Department resulted in identification and removal of additional "unusable" areas (due to excessive slope or other site conditions). While all commercially zoned acreage is assumed developable in full, the residential demand projections are revised downward, reflecting the population planning threshold of 44,000.

3.4 WATER USE REDUCTION PLAN

The City has developed a plan to meet the target 2015 and 2020 water use reductions of 10 and 20 percent, respectively. The *Implementation Plan for Water Conservation Best Management Practices* is included in **Appendix B**. Section 6, Demand Management Measures, also provides details on conservation programs within the City. However, for water supply planning purposes, these potential reductions should be considered a best-case scenario. The City will report its progress in meeting urban water use targets to DWR using a standardized form when available from DWR.

4. WATER SUPPLY

4.1 SOURCES OF WATER SUPPLY

The City of Paso Robles has historically relied on the Salinas River underflow and Paso Robles Groundwater Basin water for its municipal water supply. This section describes local groundwater resources, including the groundwater basin, levels and flow, water rights, groundwater quality, and monitoring and management. This section also discusses the City's Nacimiento Water Project supply and recycled water, a planned future supply.

4.1.1 GROUNDWATER BASIN

The Department of Water Resources has defined the Paso Robles Area Subbasin as a portion of the Salinas Valley Groundwater Basin and designated it as basin number 3-4.06. For this Urban Water Management Plan, the basin is defined as the Paso Robles Groundwater Basin, as delineated in the *Paso Robles Groundwater Basin Study* (Fugro, 2002). The Paso Robles Groundwater Basin is not adjudicated.

LOCATION

Figure 1 shows the boundaries of the Paso Robles Groundwater Basin, which encompasses about 790 square miles in San Luis Obispo County and southern Monterey County. The Paso Robles Groundwater Basin is the water-bearing portion of the upper Salinas River drainage area. The Salinas River system drains the basin area and surrounding uplands, and flows north along the western edge of the drainage area. Major local tributaries include the Nacimiento River, which flows into the Salinas River just north of the county line, and the Estrella River, which flows west from Shandon to join the Salinas River south of San Miguel. Reservoirs include Santa Margarita Lake on the upper Salinas River and Lake Nacimiento on the Nacimiento River.

GEOLOGY

The major aquifers (or water-bearing units) in the basin include alluvial deposits and the Paso Robles Formation. The alluvial deposits are up to 100 feet in depth and include recent stream-laid sands and gravels along the floodplains of the Salinas River and its tributaries, and older finer-grained terrace deposits along the Salinas River and Estrella River. Wells in alluvium typically produce in excess of 1,000 gallons per minute (gpm) (Fugro, 2002).

The Paso Robles Formation is the most extensive aquifer and consists of sedimentary layers extending from the surface to depths of more than 2,000 feet. It is typically unconsolidated and generally poorly sorted. The water bearing sediments in the basin are 700 to 1,200 feet thick and typically extend to sea level. Paso Robles Formation sediments are relatively thin, often discontinuous sand and gravel layers interbedded with thick layers of silt and clay. Wells generally produce several hundred gpm (Fugro, 2002).

SUBAREAS

The Paso Robles Groundwater Basin is generally interconnected by extensive, thick sedimentary layers. For practical management purposes, this large basin has been subdivided into eight subareas. This informal division was based on water quality, source of recharge, groundwater movement, and contours on the base of permeable sediments. The subareas are not hydrologically distinct, and groundwater flows between adjacent subareas.

The City overlies portions of the Atascadero and Estrella subareas, as shown on **Figure 4**, with production wells in each. The Atascadero subarea was designated as a distinct subbasin located to the west of the Rinconada Fault (Fugro, 2002). The portion of the fault between the Atascadero and Creston subareas juxtaposes relatively less permeable rocks with the Paso Robles Formation. Between the Atascadero and Estrella subareas, the Paso Robles Formation is found on both sides of the fault and the two subareas are hydraulically connected by alluvial deposits along the Salinas River.

GROUNDWATER QUALITY

A general measure of groundwater quality is total dissolved solids (TDS). For drinking water purposes, water with a TDS concentration of 500 milligrams per liter (mg/L) or less is recommended, but can be usable up to 1,000 mg/L. In Paso Robles Groundwater Basin wells, TDS concentrations generally range from 300 to 1,000 mg/L (Fugro, 2002 and 2005). Wells screened along the Salinas River in the recent alluvium generally have TDS concentrations between 300 and 800 ppm, reflecting the quality of stream recharge water.

A survey of local groundwater quality was conducted by the United States Geological Survey (USGS) as part of its Groundwater Ambient Monitoring and Assessment (GAMA) Program (USGS, 2007). The USGS sampled eleven randomly-selected wells located along the major river valleys, including four in or near the City. While trace amounts of pesticides, arsenic, and boron were reported, no constituents of concern were detected above regulatory thresholds.

In general, City water quality is good, but has relatively high TDS and hardness. In response to the hardness, many residents use home water softeners. However, use of water softeners results in addition of salts to the City's wastewater, which is treated and discharged to the groundwater basin. This situation should be improved in the future with the introduction of Lake Nacimiento water. Lake Nacimiento water is lower in hardness and TDS than groundwater, and obviates the need for water softeners. If citizens reduce or eliminate the use of water softeners, they will not only enjoy cost savings, but will also help preserve the quality of local groundwater and advance the use of recycled water for irrigation.

GROUNDWATER LEVELS AND FLOW

Groundwater levels in the Paso Robles Groundwater Basin range between above 1,500 feet above mean sea level (msl) around the basin margins to below 600 feet msl in the Estrella subarea and along the

Salinas River north of the City (Todd, 2007). Groundwater flows generally from the margins toward the center of the basin and to the northwest, where the outlet to the lower Salinas Valley is located.

The City's Thunderbird well field is located near the Salinas River at the lower (northern) end of the Atascadero subarea. The wells range in depth from 140 to 215 feet, are screened mostly in the alluvium, and derive yield mainly from Salinas River underflow. Groundwater levels have remained generally constant, at about 20 to 40 feet below ground surface. The relatively constant groundwater levels in the Thunderbird well field reflect the proximity to the Salinas River, which provides recharge, and the limited thickness of the alluvial aquifer, which constrains the drawdown and yield of these wells.

The City's Ronconi Wells 1 and 4 are located near the Salinas River in the Estrella subarea. These wells are 76 and 70 feet deep, respectively, and derive yield from the Salinas River underflow. Groundwater levels typically are about 15 feet below ground surface. The Borcherdt well, also classified as a Salinas River underflow well but more distant from the river, typically has groundwater levels about 50 to 65 feet below ground surface.

The remaining City wells are dispersed across the City east of the Salinas River. All are located within the Estrella subarea and are screened in the Paso Robles Formation. A groundwater depression is centered in the Estrella subarea, reflecting agricultural, municipal, rural and other pumping. This pumping depression is characterized by declining groundwater levels, which are apparent in City wells. Groundwater level declines in some City wells have amounted to more than 100 feet since 1997, with recent annual rates of decline generally between 5 to 9 feet per year. Water level declines are expected to continue into the future unless annual pumping in the Estrella subarea is reduced.

WATER BALANCE AND PERENNIAL YIELD

Local water users have recognized the seriousness of local groundwater declines and have sponsored investigations to understand the groundwater basin and lay the groundwork for improved management. Specifically, a series of recent studies have addressed the water balance of the Paso Robles Basin and its perennial yield.

The *Paso Robles Groundwater Basin Study* (Fugro, 2002) included basic data compilation and review, definition of the basin and subbasins, aquifer characterization, assessment of water quality conditions, and a water balance study as of 1997. The *Phase II Numerical Model Development* report (Fugro, 2005) involved development of a groundwater flow model of the basin and summarized its development, calibration, and application to specific issues. Objectives included refining the basin's water balance and perennial yield, and simulating impacts to groundwater levels resulting from projected buildout conditions in the basin. Important conclusions included the following:

- The perennial yield for the Paso Robles Groundwater Basin was estimated at 97,700 acre-feet per year (AFY).
- The basin was not in overdraft with basin pumping in 2000 estimated at 82,600 AF.

- Simulated scenarios with urban and agricultural buildout resulted in overdraft conditions; development of Nacimiento project water (as presently contracted by local urban suppliers) alleviated, but did not prevent overdraft.
- Municipal pumping is more closely linked to the Salinas River and its recharge than agricultural pumping; this indicates that municipal groundwater pumping locations and amounts can be optimized to manage groundwater levels.
- Agricultural pumping, by being more widespread across the basin and comprising much of the pumping located away from the Salinas River, shows a more direct relationship with groundwater storage and less interaction with the Salinas River. Thus, basin-wide changes in agricultural pumping would have a more direct effect on groundwater storage than would parallel changes in municipal pumping.
- Agricultural pumping is the single largest outflow of groundwater from the basin. It is also the single largest *estimated* parameter because the pumping volumes are not metered but rather estimated based on land use and irrigation practices. A relatively slight adjustment in agricultural pumping could make the difference between potential basin overdraft or not.

The *Paso Robles Groundwater Basin Study* documented groundwater level conditions up to 1997. Recognizing the need for current information, the City and County sponsored the *Update for the Paso Robles Groundwater Basin* (Todd, 2007). This study provided water level hydrographs and a groundwater level change for the period from 1997 (the end of the Fugro study period) to 2006. The study documented continuing groundwater storage declines centered on the Estrella subarea.

The *Evaluation of Paso Robles Groundwater Basin Pumping* (Todd, 2009) supplemented the 2007 study, concluding that estimated pumping in 2006 was 88,154 AFY or 90 percent of the estimated perennial yield of 97,700 AFY. The study reported on municipal pumping and provided estimates of small community, commercial, and rural pumping. Total City of Paso Robles pumping (as of 2006) was 7,485 AFY, or about 8 percent of total pumping. The study also delineated irrigated crop acreages and evaluated irrigation water demands with application of estimated irrigation rates. While the study indicated that total pumping remained below the perennial yield estimate, consideration of trends indicated that perennial yield could be exceeded in the near future.

The *Paso Robles Groundwater Basin Water Balance Review and Update* (Fugro, 2010), conducted for the County, presented updated information on the water balance for water years 1998 to 2009, and concluded that water demand is approaching the estimated perennial yield, but remains below it by a small margin.

While recent studies have indicated that basin-wide pumping has not exceeded perennial yield, the continuing groundwater level declines raised concerns about the adequacy of available information to document the status of the water balance. In response, the City sponsored an independent peer review of all five previous studies (Yates, 2010). The Yates peer review identified significant sources of uncertainty in the available data, assumptions, and methodologies. In addition, the review concluded that:

- While use of subareas is a practical necessity, all subareas are connected and cost-effective management actions will likely extend across subarea boundaries.
- Specific approaches to evaluate rainfall recharge and stream recharge are questionable.
- Available groundwater level data are a major source of uncertainty.
- More information is needed on vineyard water demands.

Yates' recommendations included:

- Improvement of the County's water level monitoring program,
- Collection of vineyard irrigation data to better define agricultural water use, and
- Updating and improvement of the numerical model with subsequent application to water balance issues and basin management options, including definition of operating ranges for groundwater levels and possible changes in locations and depths of well production.

GROUNDWATER BASIN MONITORING AND MANAGEMENT

The City recognizes that groundwater use in the Paso Robles Basin is close to the estimated perennial yield value and that significant groundwater level declines are continuing locally, most notably in the Estrella subarea, which provides half of the City's groundwater supply as well as supply for farmers, domestic users, and other communities. Accordingly, the City participates in groundwater basin monitoring and management planning and activities, in cooperation with San Luis Obispo County and other water users.

MONITORING

The San Luis Obispo County Flood Control and Water Conservation District (District) conducts a county-wide Regional Water Resources Data Collection Program that includes rainfall, evaporation, streamflow, and groundwater level monitoring. The groundwater monitoring program involves collecting groundwater level measurements twice a year (April and October). About 150 wells are monitored in the Paso Robles Groundwater Basin, including well measurements taken by County staff and data provided by partner agencies, including the City of Paso Robles. The County's draft Data Enhancement Plan identifies the Estrella subarea as the top priority of the County's inland areas for data enhancement, recommending addition of eleven groundwater monitoring sites (San Luis Obispo County Memorandum, October 7, 2009).

The northern portion of the Paso Robles Groundwater Basin is in Monterey County. Monterey County Water Agency monitors three wells in or near the Bradley subarea. These include two wells along the Salinas River near San Ardo and one well in Hames Valley.

PRIOR AGREEMENT

Recognizing that the City is an active municipal user of the Paso Robles Groundwater Basin, on September 6, 2005, the City Council passed Resolution No. 05-181. This resolution approves City

participation in a Paso Robles Groundwater Basin Agreement with the County and certain private landowners, who have organized as the Paso Robles Imperiled Overlying Rights (PRIOR) group. San Miguel Community Services District subsequently joined the Agreement. Key elements of the Agreement are a clear acknowledgement that the Basin is not in overdraft now, and that the parties will not take court action to establish any priority of groundwater rights over another party as long as the Agreement is in effect.

In addition, the parties agreed to participate in meaningful groundwater monitoring and management activities. The initial parties (i.e., the City, County, and PRIOR) sponsored the *Update for the Paso Robles Groundwater Basin* and the *Evaluation of Paso Robles Groundwater Basin Pumping* (Todd, 2007 and 2009).

GROUNDWATER MANAGEMENT PLAN (GWMP)

The GWMP is a voluntary planning process for groundwater basin management. The GWMP process was established in 1992 by the State Legislature through Assembly Bill (AB) 3030, amended in 2002 by Senate Bill (SB) 1938 and codified in the Water Code. While the Water Code lays out specific requirements (used for State funding eligibility), a GWMP is voluntary. A completed GWMP must be sponsored and adopted by one or more eligible public agencies (such as the City or County), but is intended to be a collaborative with local landowners, groundwater users, and other interested people. Such a plan describes groundwater conditions, addresses groundwater issues, identifies basin management objectives and actions to achieve objectives, and lays out an implementation plan for actions including funding sources, continued monitoring, and regular reporting.

In 2007, the City, in cooperation with the County, secured a Local Groundwater Assistance Act Grant from the California Department of Water Resources (DWR) to support preparation of a groundwater management plan. The planning process was initiated in December 2008—but interrupted by State funding problems—so the final GWMP is to be completed in March 2011. The GWMP process has established a Groundwater Advisory Committee and has included a series of public meetings and workshops. Initial meetings identified groundwater level declines as the most important issue, with related problems of storage loss, groundwater quality deterioration, and potential subsidence.

The GWMP was completed in March 2011. The GWMP provides an overview of the recent studies addressing the water balance of the basin, describes the physical setting of the basin, and summarizes water supply and demand conditions. An accomplishment of the GWMP has been definition of basin management objectives (BMOs) and identification of groundwater management activities to address the BMOs. These have been addressed largely on a subarea basis. In general, BMOs across the basin focused on stabilization or maintenance of groundwater levels.

Identified actions for the Atascadero subarea include:

- Increase groundwater monitoring and reporting
- Increase water conservation education and implementation
- Manage growth and corresponding water demands

- Maximize use of Nacimiento Project Water in the subarea
- Consider storm water management to increase local groundwater recharge.

The following groundwater management activities have been identified for the Estrella subarea:

- Increase data collection, monitoring and reporting on groundwater conditions
- Increase water conservation education and implementation
- Use Nacimiento Project Water.

The GWMP also identifies groundwater management activities that address basin-wide BMOs. Important basin-wide BMOs include the following:

- Maintain and improve groundwater levels
- Maintain and improve groundwater quality
- Protect against potential inelastic land surface subsidence
- Protect against adverse impacts to surface water flows
- Groundwater monitoring and assessment
- Evaluate and implement feasible water conservation measures.

For each of these BMOs, potential groundwater management activities are identified; for example, the first BMO, *maintain and improve groundwater levels*, is addressed with the following actions:

- Activities to reduce groundwater pumping (both agricultural and municipal)
- Activities to increase water supply (import Nacimiento Project Water, import State Water Project water)
- Potential reuse and recycled water projects (agricultural reuse and municipal recycling)
- Potential recharge projects (protect recharge areas; recharge imported, recycled, or storm water)
- Manage future increases in groundwater pumping (through land use planning policies).

The GWMP also lays out the basic components of an ongoing groundwater management plan:

- Stakeholder involvement (e.g., formation of a GAC Steering Committee and Technical Advisory Committee; coordination with other agencies; integration with other planning efforts)
- Groundwater monitoring and data collection (e.g., monitoring of groundwater elevations, quality, and subsidence; data management and reporting)
- Groundwater resource protection (e.g., well construction, abandonment, destruction policies; wellhead protection measures; and monitoring of contaminated and poor quality water)
- Groundwater sustainability (e.g., construction and operation of recharge, storage, extraction projects; and update of the groundwater model)
- Water demand management (agricultural, urban and rural residential).

Lastly, the GWMP provides an implementation plan for the voluntary activities, including ongoing activities (meetings, annual reporting, financial planning and development of funding, groundwater monitoring) and specific activities for the next three years.

COUNTY RESOURCE MANAGEMENT SYSTEM (RMS) AND RESOURCE CONSERVATION STUDY (RCS)

The San Luis Obispo County Planning and Building Department is responsible for the RMS, which provides information to the County Board of Supervisors to guide decisions about balancing land development with needed resources (e.g., water, schools, and roads). The RMS collects available information, identifies resource problems, and recommends solutions to 1) expand the resource, 2) conserve the resource, or 3) restrict/ redirect development. The RMS uses three alert levels called *levels of severity* (LOS) to identify differing levels of resource deficiencies.

- Level I is the first alert level and occurs when sufficient lead time exists either to expand the capacity of the resource, or to decrease the rate at which the resource is being depleted.
- Level II identifies the crucial point at which some moderation of the rate of resource use must occur to prevent exceeding the resource capacity.
- Level III occurs when the demand for the resource equals or exceeds its supply and is the most critical level of concern.

The County is supposed to take a series of actions to address resource deficiencies before Level III is reached. Certification of an LOS involves recommendation by staff, completion of a Resource Capacity Study (RCS), and public hearings before the Planning Commission and Board of Supervisors.

A Resource Capacity Study depends on available information; it is focused on a particular resource and a defined area. A final draft RCS, *Water Supply in the Paso Robles Groundwater Basin,* was released in January 2011. This RCS is intended to provide the Board of Supervisors with available information to evaluate the basin groundwater supply in terms of its capacity to satisfy existing and potential demands. A Level of Severity III (LOS III) has been designated for the entire basin with the exception of the Atascadero subbasin, which was designated LOS I. An LOS III designation indicates that groundwater is being used at or beyond its dependable supply or will be depleted before new supplies are developed. The final draft RCS recognizes the chronic groundwater level declines, but does not declare a state of overdraft, reflecting data uncertainty. The final draft RCS provides recommendations for County actions (applicable to unincorporated areas) including continuation of basin-wide groundwater management planning, improved monitoring, water conservation outreach, additional investigations, and limitations on new land uses that would increase net water demand.

WATER RIGHTS

The City's groundwater supply is subdivided into two sources according to water rights. These are Salinas River underflow and percolating water of the Paso Robles Groundwater Basin.

Salinas River underflow refers to shallow groundwater in direct connection with the Salinas River. This underflow is subject to appropriative water rights and permitting by the State Water Resources Control Board (SWRCB). An approved SWRCB application (Application filed 1941; Permit number 5956 issued November 6, 1981) allows the City to extract up to eight cubic feet per second (cfs or 3,590 gpm) with a maximum extraction of 4,600 AFY (January 1 to December 31).

The permit includes moveable points of diversion. The City is currently in the process of converting this permit to a license from the SWRCB. Under the permit the City can pump up to 4,600 AFY (at the combined total maximum rate of eight cfs) of underflow from the existing wells and any new wells that are constructed within the moveable point of diversion defined under the permit. Since 2005, the City's use of underflow has ranged between 84 percent and 99 percent of the full appropriation; the maximum annual underflow well production was 4,558 AF (2005)[2] and the minimum was 3,868 AF (2009).

Salinas River underflow is replenished by surface water flows of the Salinas River and its tributaries, which together drain a watershed area of about 390 square miles. The Salinas River typically has surface flow from January into June and is dry the remainder of the year. Accordingly, recharge of underflow from the river occurs primarily in winter and early spring. Salinas River surface flows are affected by operation of Salinas Dam (Santa Margarita Lake), which is operated by San Luis Obispo County Flood Control and Water Conservation District primarily as a source of water for export to the City of San Luis Obispo. To protect downstream water rights, a 1972 SWRCB order limits the diversion of water to reservoir storage to only those periods when a visible surface flow exists at seven checkpoints in the Salinas River between the reservoir and the confluence with the Nacimiento River, which is approximately 16 miles downstream of the City's underflow wells. At all other times, the total inflow to the reservoir must be bypassed and allowed to flow downstream.

4.1.2 NACIMIENTO WATER PROJECT

In 1959, San Luis Obispo County Flood Control and Water Conservation District (District) signed an agreement with Monterey County Water Agency that entitled the District to approximately 17,500 AFY of the annual yield of Lake Nacimiento for uses in San Luis Obispo County; of this amount, 1,750 AYF is earmarked for lakeside uses. Use of the Lake Nacimiento entitlement has been limited to the vicinity of the lake because of the lack of conveyance facilities. The Nacimiento Water Project (NWP), completed in 2011, consists of approximately 45 miles of pipeline to deliver raw water from Lake Nacimiento to communities in San Luis Obispo County. This supplemental water will be delivered to Paso Robles, Templeton, Atascadero, San Luis Obispo, and Cayucos Community Service Area 10A. These communities have committed to take delivery of 9,655 AFY, with the City of Paso Robles committing to 4,000 AFY at this time. Commitment of the remaining supply is being considered by these and other water agencies, including the City.

2. This is also the maximum historic usage under the permit.

The CIty is expected to begin utilizing its surface water entitlement by 2015 when a water treatment plant is scheduled for completion, conveying a number of advantages. Use of Lake Nacimiento water confers water quality benefits to the City. Lake Nacimiento water is high quality relative to groundwater, with TDS concentrations in the range of 150 to 300 mg/L, while TDS concentrations in City wells average over 300 mg/L. Accordingly, use of Nacimiento water would provide better water quality to City customers. It will also improve wastewater quality as the softer water (less minerals and salts or TDS) will encourage elimination of household water softeners that introduce additional salts into the waste stream. This is important to the City because TDS concentrations of City wastewater effluent have occasionally exceeded the permitted maximum TDS of 1,100 mg/L, potentially impacting groundwater quality. The improvement in wastewater quality will also facilitate future use of recycled water by providing better water to recycled water customers.

In addition, Lake Nacimiento supply is independent of local groundwater supplies. Consequently, its development reduces the City's dependence on groundwater and thereby provides the City with increased water supply reliability. Use of Lake Nacimiento water will allow reduction of City groundwater basin pumping. The Paso Robles Groundwater Basin Management Plan has identified use of Nacimiento water in the Estrella and Atascadero subareas as a key objective to stabilizing groundwater levels.

4.1.3 RECYCLED WATER

The City currently discharges its treated wastewater to the Salinas River channel, recycling it to the groundwater basin. Recognizing wastewater as an important resource, the City is taking steps to improve its quality. These steps include upgrading of the wastewater treatment plant, use of Nacimiento water, and implementation of programs to reduce salt loading (e.g., from water softeners and industrial uses.) The City also is planning a recycled water program including recycled water irrigation, possible groundwater recharge, and discharge to the river. Wastewater and recycled water are further described in Section 4.4.

4.2 WATER SUPPLY FACILITIES

The City's water system is City-owned and operated. At this time, the City relies on two groundwater sources: *Basin Wells* that tap groundwater in the Paso Robles Groundwater Basin and *River Wells* that divert subterranean flows of the Salinas River. **Table 9** documents the amount of water produced from the Basin and River Wells from 2005 to 2010, while **Table 10** shows the projected well production to 2035. Total production also is shown in **Tables 9** and **10** and compared to the overall estimated perennial yield (97,700 AFY, Fugro, 2005). As indicated, the City's historical and projected production represents about 5 to 8 percent of the total supply (perennial yield) of the basin. General well locations are shown on **Figure 4**.

All wells are metered with either mechanical turbine meters or electro-magnetic meters. Meters are read in the field daily, entered into a daily log, and totaled by month and year. Meter readings are also

totaled daily by the City's SCADA system. Periodic production meter accuracy checks are made in the field and meters are calibrated or replaced when necessary.

The City neither imports water from nor exports water to any other agency. The City signed an agreement with San Luis Obispo County Flood Control District on August 17, 2004 to purchase water from the Nacimiento Water Project, which is projected to deliver 4,000 AFY of relatively high quality, untreated water. At time of writing, the City of Paso Robles is progressing with its plans for a water treatment plant to treat the Nacimiento supply. Startup of the plant is slated for 2015. When available, Nacimiento supply will allow reduced pumping from some of the City basin wells.

4.2.1 RIVER WELLS

As shown in **Table 9**, the river wells typically account for approximately half of the City's current supply. Seven active wells are completed along the Salinas River in the shallow underflow aquifer, and all of the wells are within the moveable point of diversion defined in Permit 5956. Four of these are in the Thunderbird well field (Wells 10, 13, 17, and 23- located in the southwest portion of the City) and two are in the Ronconi well field (Wells 1 and 4 - located several miles north of the Thunderbird well field). Ronconi 1 and 4 were brought back online in the summer of 2007 after many years of nonuse. Ronconi 16 is inactive due to casing failure and capped, with no piping and wellhead facilities, and will be properly abandoned in the near future. All wells are screened in the shallow aquifer with the exception of Thunderbird 10, which is also screened in the deeper basin aquifer. In addition, the City has historically reported the Borcherdt 5 well as an underflow well. This well is located between the Ronconi and Thunderbird well fields.

The City is considering additional wells near the river, probably in the south, and optimizing pumping. Future operation of the underflow wells will involve an optimum pumping plan that limits instantaneous flow rates to eight cfs while maximizing the permitted annual production of 4,600 AFY (see **Table 10**).

4.2.2 BASIN WELLS

Twelve wells are located east of the river and produce water from the Paso Robles Groundwater Basin. These are distributed throughout the service area. This distribution helps minimize localized impacts on groundwater levels and reduces the potential for any single event to disrupt production from more than four wells. The City's basin wells are Sherwood 9, Sherwood 11, Butterfield 12, Osborne 14, Dry Creek 18, Tarr 19, Royal Oak 20, Fox 21, Cuesta 22, Barney Schwartz 15, Avery 24, and Tower 25. The Sherwood 6 well has been inactive for many years because of detections of PCE and poor water quality (high sulfur content). There is potential for this well to be reactivated in the future.

As shown in **Table 9**, basin wells typically account for less than half of the City groundwater supply. With delivery of Nacimiento water, pumping of basin wells will be reduced significantly then will rise to meet increasing demand, to about 3,400 AFY (**see Table 10**).

4.2.3 NACIMIENTO WATER TREATMENT PLANT

The City is progressing with its plans for a water treatment plant (WTP) to treat surface water received from Lake Nacimiento. The WTP is being designed to treat 4 million gallons per day (mgd), with construction to begin in 2015. The WTP can be expanded to treat 6 mgd to meet future demands (Paso Robles website, October 13, 2010). Specific facilities include a water treatment plant, treated water reservoir and pump station, transmission pipeline, appurtenances and other site improvements (Padre, 2008). Half of the initial 4,000 AFY Nacimiento allocation and half of the 4 mgd Phase 1 treatment plant capacity are to replace lost well production capacity and improve water quality. The remaining capacity is to provide for new development. In order to limit reliance on the highly-stressed groundwater basin new development—per City policy—is required to be served with surface and recycled water. Therefore, the second 1,400 AFY Nacimiento allocation, the 2 mgd treatment plant expansion, and recycled water infrastructure will be funded by development.

4.3 WATER RATES

In April of 2010, the City adopted a uniform consumption-based rate where customers pay only for the water they use. Implementation of these rates has been held up due to a legal challenge. It is anticipated that new rates will be in place in January 2012.

In 2012, basic water service will be $2.50 for every 748 gallons used. This rate will increase annually to $4.40 for every 748 gallons used in 2016 (Paso Robles website, January 20, 2010).

4.4 WASTEWATER AND WATER RECYCLING

4.4.1 WASTEWATER COLLECTION, TREATMENT AND DISCHARGE

The City of Paso Robles owns and operates a secondary wastewater treatment plant (WWTP), located at the northern end of the City along the Salinas River. The WWTP treats wastewater from the City of Paso Robles, a portion of the Templeton Community Services District south of the City, and the California Youth Authority facility east of the City.

The plant, built in 1954 and upgraded or expanded in 1972, 1987, and 2002, provides secondary treatment. Primary treatment includes influent screening, aerated grit removal, and clarification/primary sedimentation. Secondary treatment includes biological treatment (two-stage trickling filters), secondary clarification, chlorine disinfection, and dechlorination. Treated effluent is discharged to a series of six polishing ponds with the overflow from the third and sixth ponds discharging to the Salinas River. Anaerobic sludge digestion is used to treat solids collected from the various liquid processes. The digested sludge is dewatered, hauled to sludge drying beds, and then taken to a City owned landfill (Black & Veatch, 2009).

The plant operates under National Pollutant Discharge Elimination System (NPDES) Permit No. CA0047953 and Waste Discharge Requirements (WDR) Order No. R3-2004-0031. A maximum discharge of 4.9 million gallons per day (mgd) is permitted. In 2010, the average daily flow was 2.94 mgd.

Table 11 documents past, current, and projected wastewater flows. In 2005, the plant treated 3,315 AF of wastewater. In 2010, slightly less wastewater was treated (3,297 AF) due to Level 2 City-wide mandatory outdoor water use restrictions. Wastewater flows per capita in 2005 and 2010 were 0.12 and 0.11 AF, respectively. Buildout (2025) wastewater flows are estimated to be 0.123 AF per capita, similar to 2005 wastewater flows. As shown in **Table 11**, wastewater flows are expected to increase to 5,410 AFY at 2025 buildout.

4.4.2 WASTEWATER QUALITY

The WDR order also regulates water quality, placing limits on specific contaminants in the wastewater effluent. The City's treated wastewater exceeds permit limits at times for TDS, chloride, sodium, cyanide, copper, selenium, bromodichloromethane, dichlorobromomethane and bis(2-ethylhexyl) phthalate.

The City's approach to these problems has included improvement of the quality of influent water. A significant improvement will be achieved with delivery of high quality Nacimiento Project water as a new City water supply, which thereby improves the quality of wastewater. The City has also initiated programs for voluntary and mandated reduced use of water softeners, and source control for industrial dischargers.

The City is also embarking on a comprehensive upgrade of the City's wastewater plant to an advanced secondary treatment process. While having served the community for 55 years, the existing wastewater treatment plant uses the same basic technology and is now incapable of satisfying modern effluent standards. The upgraded plant will produce effluent that meets discharge requirements, including standards for biochemical oxygen demand, total suspended solids, pH, and nutrient removal. Moreover, the plant is designed to have the ability to produce tertiary-treated recycled water with the simple addition of a filter and additional chlorine contact basin. Accordingly, the plant upgrade supports the City's water resource goals and objectives to implement future water recycling.

The City intends to finance the plant upgrade with a low interest loan from the State's Clean Water Revolving Fund Loan program. The upgrade, which will not increase the capacity of the plant, is anticipated to be complete in 2015.

In 2009, the City completed a Wastewater Treatment Plant Upgrade Facility Plan (Black & Veatch, July 2009. Early in the facility planning process, the City found that it could not afford to simultaneously upgrade the wastewater treatment plant and build the infrastructure necessary to produce and use recycled water. Accordingly, the Facility Plan evaluates alternatives to upgrade the wastewater treatment plant to an advanced secondary treatment process (biological treatment plus nutrient removal), to comply with the WDR in the near term, but also facilitate recycled water production in the future. The Facility Plan concludes that a Biological Nutrient Removal process is the most cost-effective

solution. The City recently completed plans and specifications to upgrade to a Biological Nutrient Removal process. The project is currently scheduled to go out to bid for construction in Fall 2012, after wastewater rates are adjusted and financing is in place. Construction of the project is dependent on the implementation of new wastewater rates needed to fund the project. Construction will require approximately 30 months.

4.4.3 SEWER RATES

Currently, the City bills monthly for combined residential water and sewer service. Sewer connection fees are $5,467 for single family residences (Paso Robles website, January 20, 2011). Although financed with a low-interest loan, payment of the loan debt for the plant upgrade will require revision of monthly sewer rates and connection fees. As of autumn 2010, the City is currently evaluating total wastewater management costs in order to determine new sewer rates.

4.4.4 WATER RECYCLING OPTIONS

The City's *Recycled Water Study Update* (Boyle, 2006) reviewed potential users of recycled water, laid out a conceptual conveyance system, examined potential sites for groundwater recharge, and assessed pumping and winter storage requirements.

The current quality of wastewater (with high TDS, sodium, and other constituents) has been recognized as an obstacle to water recycling. One of the key findings of the study was the need to reduce salt loading into the wastewater stream. This need is being addressed by the City's upcoming deliveries of high quality Nacimiento Project water, recent adoption of an updated source control ordinance, and implementation programs to manage industrial wastes and use of water softeners. The study also documented the considerable variation in seasonal water demand relative to wastewater flows; this indicates a substantial irrigation demand being served with potable water.

The study examined five recycled water alternatives:

- continued Salinas River discharge,
- enhancing wastewater treatment with Salinas River discharge,
- piping recycled water to customers along the Salinas River corridor,
- piping recycled water to customers along the Highway 46 corridor, and
- a combination of alternatives.

The study concluded that several alternatives are available, the most viable of which is a hybrid approach including recycled water irrigation of landscaping and vineyards, recharge along the Salinas River corridor, and seasonal discharge. The hybrid approach involves construction of a pipeline to deliver recycled water eastward along the Highway 46 corridor and then looping south around the City and back to the Salinas River channel, where potential percolation sites are located. Potential users have been identified, including golf courses, schools, parks, industries and vineyards. The study also provided recommendations including percolation testing, evaluation of the suitability of effluent quality for

irrigation, assessment of the potential reduction in salt loading from a source control program, and contacting potential recycled water users.

Subsequently, the City has developed an overall strategy for phasing of the recycled water program. Consistent with that strategy, the City is now developing a Recycled Water Master Plan and Financial Plan. This plan will provide a facility master plan and phased capital improvement program. It also will include evaluation of costs for a recycled water system and revenue needs. The financial plan will provide a spreadsheet model to allow evaluation of various connection fees and recycled water rates; this will likely include consideration of financial incentives to encourage use of recycled water. The Recycled Water Master Plan and Financial Plan will be completed in 2011.

As noted previously, the wastewater plant upgrade is designed to have the ability to produce tertiary-treated recycled water with the simple addition of a filter and additional chlorine contact basin. These Phase II improvements are tentatively scheduled for 2022.

Table 11 presents the total amount of wastewater collected in 2005 and 2010 and the projected amounts to 2035. It also shows the amounts projected to meet tertiary/recycled standards. No wastewater currently meets tertiary standards. However, by 2025, an estimated 650 AFY of tertiary treated recycled water will be used. Given that the City is in planning stages, the 650 AFY estimate includes direct use for irrigation at existing and new parks, schools, roadway landscaping, and other direct users.

The City of Paso Robles is the sole water, wastewater, groundwater and planning agency that operates within its service area. Nonetheless, the City is coordinating its recycled water planning efforts with San Luis Obispo County and the Central Coast RWQCB.

Table 12 summarizes non-recycled wastewater disposal volumes while **Table 13** projects future uses of recycled water between 2015 and 2035. Summation of the volumes in **Tables 12** and **13** equals the total wastewater collected and treated. **Table 14** summarizes the methods to encourage recycled water use.

The City of Paso Robles wastewater treatment plant upgrade will set the stage for future water recycling. This project includes upgrading of the plant to advanced secondary treatment, and design of an additional upgrade to tertiary treatment. In addition, the City will improve the WWTP influent wastewater quality through implementation of the Nacimiento water project and source control programs. The City is actively planning for the recycled water infrastructure and for financing, including consideration of financial incentives and potential ordinances to encourage use of recycled water. In 2011, the City will complete a Recycled Water Master Plan to evaluate implementation alternatives, cost, and related issues.

The City promotes its future water recycling through a variety of educational activities. For example, the City website provides outreach to the community at large, including:

- Updated information on the wastewater treatment plant upgrade, including FAQs (Frequently Asked Questions) that explain how the upgrade is a big step toward water recycling.

- Information on the availability of the *Recycled Water Study Update* online, at City Hall and at the library.
- Explanation of water softener issues and the negative impact on wastewater quality and recycled water.

The City also supports school education, offering a water conservation program for elementary school children, which includes a field trip to the wastewater treatment plant. In addition, the City recently cooperated with Cal Poly San Luis Obispo for a master's thesis (Miranda, 2010) investigating use of recycled water on landscape plants, including best plant selection, soil, and irrigation requirements. The City provided an experimental site at the wastewater treatment plant and irrigation water.

4.5 CURRENT AND PROJECTED WATER SUPPLIES

Paso Robles historically has obtained its entire water supply from Salinas River underflow and groundwater. **Figure 5** graphically shows annual water production between 1980 and 2010. Production increased to a peak in 2007, and then subsequently declined. The significantly lower production in 2009 and 2010 reflect the impact of Level 2 City-wide mandatory outdoor water use restrictions. **Figure 5** also shows population for comparison purposes; population has increased gradually, with a slowing of the growth rate over the past four years.

Table 15 summarizes current and planned water supply for the City of Paso Robles. As shown in the top portion of the table, water supply is projected to come from three sources: groundwater through the basin wells, underflow through the river wells, and Lake Nacimiento water. The table does not reflect the total groundwater supply (basin wells) available to the City, but the water that the City anticipates pumping to meet demands. The projected buildout demand, including non-revenue water, is 13,400 AFY. This demand may be reduced by potential water conservation efforts as shown in **Table 15**.

Future recycled water is grouped with water conservation as a means of reducing water use on a per capita basis to comply with Senate Bill 7, which requires Base Daily per Capita Water Use to be reduced 10 percent by 2015 and 20 percent by 2020 as discussed in Section 3.2.

Table 16 shows future water supply projects. By 2015, 4,000 AFY of Nacimiento water is projected to become available. By 2020, the City anticipates that another 1,400 AFY of Nacimiento water will be acquired for use. It is projected that by 2025, up to 650 AFY of recycled water will be used.

The City is a member of the California Urban Water Conservation Council (CUWCC) and, accordingly, is implementing demand management measures (DMMs, also known as best management practices (BMPs)).These DMMs are discussed in **Section 6**. In 2009, the City hired a Conservation Manager to plan and implement water conservation programs. **Table 15** shows total potential conservation savings from these implemented DMMs if all DMM programs described in **Section 6** are fully implemented. Conservation savings are estimated to increase from 364 AFY in 2015 to 1,617 AFY in 2025.

Potential conservation savings from price elasticity impacts of planned water rate increases are also shown on **Table 15** reflecting the additional conservation that may occur due to increased cost for

water. By 2025, the City anticipates that 650 AFY of recycled water will be used to offset potable supply. While not replacing City potable water deliveries, additional recycled water deliveries will be made to other facilities such as golf courses and irrigation, offsetting groundwater pumping.

If these conservation and recycled water savings are achieved, the City foresees meeting its 2015 and 2020 target water reductions and reducing total water demands by 980 AFY in 2015 and 3,885 AFY in 2025. These savings will most likely reduce Basin well pumping from those shown in **Table 15**.

There are no plans in the next 25 years for the City to use desalinated water, nor to export, transfer, exchange, or sell water other than water sales to City customers. Thus, these categories are not included in the summary tables.

4.5.1 RIVER WELLS (UNDERFLOW)

It is assumed that the City will be pumping the full appropriation of underflow water rights of 4,600 AFY. An exception to this might occur when Lake Nacimiento water first become available in 2016 (Note: for the purposes of this Urban Water Management Plan, Lake Nacimiento water is shown to be available beginning in 2015 rather than beginning in 2020). Efforts are underway to obtain a license for the permitted amounts. The combined capacity of the City's river wells is currently about 5,800 AFY, with a summer production capability of about 3,600 gpm. Because of the surface water treatment rule, groundwater from river wells that are within 150 feet of surface flow in the river require treatment prior to distribution. This includes Ronconi 1 and 4 and, on a seasonal basis, Thunderbird 10. A mobile microfiltration unit was leased in 2007 and 2008 for seasonal use of the Ronconi wells, and purchased in 2009. This treatment unit allows year-round operation of the Ronconi wells and beneficial use of about 800 gpm of the underflow allotment.

4.5.2 BASIN WELLS

In recent years, basin wells have provided as much as 4,100 AF (in 2007, see **Table 9**). As shown in **Table 15**, the City's basin groundwater use will be substantially decreased when Lake Nacimiento water becomes available in 2015. Based on recent groundwater studies, there is general agreement that total groundwater pumping (agricultural, municipal, rural, etc.) is approaching the perennial yield. Use by the City (and others in the basin) of Nacimiento Project water in lieu of basin groundwater will help to reduce the risk of overdraft and—all other pumping remaining stable—allow some recovery of groundwater levels in the Estrella subarea.

The combined design production capability of all twelve basin wells is about 8,150 gpm (13,150 AFY). However, production rates in several wells have been reduced in recent years due to regional water level declines. Use of Nacimiento water will result in short-term surplus production capacity among basin wells. This will provide backup capacity in times of water shortage or emergency, and offer the City the opportunity to site and install replacement basin wells.

4.5.3 NACIMIENTO WATER

The City has contracted for 4,000 AFY of Nacimiento water. The treatment plant construction is currently planned to begin in about three to four years. By 2020, an additional 1,400 AFY (for a total of 5,400 AFY) may be contracted. This additional water would allow the City to stabilize future basin well pumping at 3,400 AFY (approximately 2006 levels) or less, depending upon the effectiveness of long-term conservation programs.

5. WATER SUPPLY RELIABILITY AND WATER SHORTAGE CONTINGENCY PLANNING

5.1 RELIABILITY OF WATER SUPPLY

The California Urban Water Management Planning Act requires that each water supplier provide an assessment of the reliability of its water supply during normal, dry, and multiple dry years. This section considers the impact on water supplies of two types of drought, a single extreme drought year and a severe drought that is prolonged over at least three years. In addition, a catastrophic water shortage could also occur, for example, as a result of earthquake damage, regional power outage, or water quality emergency. This section presents the City of Paso Robles response to potential water shortages, including catastrophic water supply interruption and drought.

The *Water Source Evaluation* (Boyle, September 2006) includes evaluation of the ability of the City's wells to satisfy water demands during drought. This includes evaluation of historical rainfall periods to establish a standard drought for future planning, documentation of groundwater levels over time, evaluation of City wells in terms of drought performance, and recommendation of operational strategies to maximize groundwater production during drought.

As noted in the preceding sections (Section 4 Water Supply), the City overlies a large groundwater basin with storage amounting to 30.5 million AF (Fugro, August 2002). All of this water cannot be extracted reasonably, but the volume that can be used during drought is sizable. This is predicated on available well capacity to extract the water and also on replenishment of groundwater during wet years and stabilization of water levels over the long term. The key issue with regard to short-term shortages is not the absolute availability of supply. Instead, drought issues involve the available pumping capacity of wells and the impact on wells of water level declines during the shortages. For example, long-term regional water level declines amplified by drought affects could result in exposure of the well screens causing loss of pumping efficiency and/or loss of saturated thickness in the aquifer resulting in reduced well yield. In August 2007, localized groundwater level declines around City wells resulted in a 17 percent decline in well production relative to August 2006.

5.1.1 SINGLE-YEAR DROUGHT

Rainfall records for Paso Robles document an average annual precipitation of 14.77 inches (Station 046730). However, rainfall in Paso Robles is variable, having ranged since calendar year 1950 from 6.24 inches (1985) to 27.95 inches in 1995. In the past 60 years, six years have been marked by rainfall less than 50 percent of normal or 7.38 inches (1953, 1984, 1985, 1989, 1990, and 2007). As reported in past UWMPs, basic review of groundwater hydrographs for City wells suggested that one or even two consecutive extreme dry years did not have a discernable impact on groundwater levels in the City's Paso Robles Groundwater Basin wells. Hydrographs from the City's underflow wells along the Salinas River also showed little change in response to single-year droughts, probably reflecting recharge from the Salinas River that occurs even in drought years plus the available, albeit limited, groundwater storage in the alluvial aquifer along the river. Preliminary information provided by the *Water Source*

Evaluation (Boyle, September 2006) indicated that single year droughts did not significantly affect City well fields. Instead, droughts with durations of three, four, or five years appeared to be most problematic.

Water levels in the City's Paso Robles Groundwater Basin wells have been dropping consistently over the last 12 years due to regional water level declines in the basin. The impact of single year or multi-year droughts can amplify the effects of regional groundwater level declines, resulting in further lowering of well production levels. Single year droughts have not significantly affected the City's wells. However, droughts with durations of 3, 4, or 5 years are more problematic in terms of creating additional impacts on top of chronic water level declines in the basin (Boyle, September 2006).

In response to chronic and continuing water level declines and lowered water production capacity, the City has installed wellhead treatment systems to rehabilitate several wells. In addition, in June of 2009 the City adopted a Water Conservation and Water Shortage Contingency Plan (Ordinance No. 956 N.S.). This plan establishes mandatory and permanent water management measures necessary to promote efficient use of water and to prevent waste. The plan outlines a staged approach to dealing with supply shortfalls from 10 to 50 percent (see Appendix C for the plan). In June of 2009, the City initiated mandatory Level 2 outdoor water use restrictions during the summer months. These restrictions, which are anticipated to remain in effect until additional water supplies are developed, have been successful in reducing peak demand and enabling the City to maintain reservoir storage levels for emergency and reserve uses.

In the long term, peaking problems will be alleviated through water conservation, development of Nacimiento water supply, and provision of recycled water for landscape irrigation, which effectively reduces demands on the potable water system.

5.1.2 MULTI-YEAR DROUGHT

The seven-year period of calendar year 1984 through 1990 was marked in Paso Robles by below-average rainfall, averaging 9.4 inches overall (64 percent of normal). The most severe portion of this drought extended over three years (1988-1990), when rainfall averaged less than 8 inches, or just below 54 percent of normal. Accordingly, three or more consecutive years with an annual average rainfall of 60 percent or less is a reasonable approximation of a severe, multi-year drought. The City's preliminary *Water Source Evaluation* (Boyle, September 2006) standard drought period generally coincides, and is defined as the five rainfall years (starting July 1) from 1987 through 1991.

During the seven-year drought, the underflow wells along the Salinas River showed declines in groundwater levels. Thunderbird 10 showed a decline between 1984 and 1990 of about six feet, with a subsequent recovery. Two Paso Robles Groundwater Basin wells monitored through this period, Sherwood 9 and 11, showed a decline in groundwater levels that started in 1985 (the second year of the drought) and persisted to 1994, indicating a lag effect between the occurrence of rainfall and water level changes. Overall, declines in the two wells amounted to 68 feet in Sherwood 9 and 74 feet in

Sherwood 11. Subsequently, water levels rose between 1995 and 1998 but since have declined to below 1994 levels in these two wells.

Preliminary conclusions of the *Water Source Evaluation* (Boyle, September 2006) were that the City had the capability to withstand a drought like that of the rainfall years 1987-1991. However, there is little margin for operational problems or for significant growth in water demand without new water supply sources. Recent experience has shown that if key wells are off-line, as occurred in the summer of 2007, and/or production rates are reduced due to sustained regional water level declines in the Paso Robles Basin (as has occurred), the City will not be able to supply peak summer demands without aggressive demand management (conservation) until supplemental water supplies are developed.

5.1.3 WATER SUPPLY RELIABILITY IN NORMAL AND DROUGHT YEARS

The Urban Water Management Planning Act requires tabulation of available water supply volumes in normal (average), single dry, and multiple dry years. The City of Paso Robles has relied on underflow and groundwater resources to satisfy growing water demands in recent years that have included both extreme dry years (including 2007) and prolonged severe drought extending over seven years (1984-1990). However, the City has regularly experienced summer water supply shortages and in 2007, was able to meet customer demands only by reducing City demands and evoking voluntary conservation. In 2009, the City adopted a revised Water Conservation and Water Shortage Contingency Plan. Level 2 City-wide mandatory outdoor water use restrictions were initiated in 2009 and continue to time of writing. These shortages are not related to the absolute availability of supply but to lowered groundwater levels (that have reduced production rates), customer irrigation patterns, and the limitations of the City's facilities.

Table 17 lists the year(s) used in this Plan to represent normal, single-year drought and multi-year droughts. Accordingly, **Table 18**, Supply Reliability-Historic Conditions, lists the City's water production as of 2006 (7,431 AF) as the known reliable supply in normal years and in drought. As indicated in **Table 17** (also see **Figure 2**), 2006 was considered an average precipitation year, 2007 was a representative single-dry year, and 1987 through 1990 were multiple dry years as discussed above. While 2009 also had average precipitation, it was preceded by two years of drought and water production was reduced in response to the mandatory Level 2 outdoor water use restrictions.

On an annual basis, the City was able to provide 7,431 AF of supply during normal and drought times. Production in 2007 was higher at 8,126 AF. As required, the percentage of normal is also shown in **Table 18**. Since historical annual pumping has not been greatly affected by drought, the percentage is considered 100 percent of normal. However, there is potential for summer peaking problems as indicated in the bottom row of **Table 18**. **Table 19** is similar to **Table 18** and shows the minimum water supply available during the next three years (2011-2013) based on the driest three-year historic sequence.

Future supplies will be even more resilient to droughts by 2015 when Lake Nacimiento water is projected to be available. Lake Nacimiento water is a reliable and stable source of water as San Luis

Obispo County has a contractual first priority to 17,500 AFY of the reservoir yield which is over 200,000 AFY. Modeling of Nacimiento Lake levels and Nacimiento Water Project (NWP) deliveries indicates that NWP deliveries are not a significant contributor to lake level changes as compared to historic records and, that even during drought periods, the total annual San Luis Obispo County entitlement could have been delivered (Boyle, October 2002). In addition, future use of recycled water—a nearly constant source—will also increase supply reliability. Future water supply projects are summarized in **Table 16**.

Table 20 compares water supply to water demand in five year increments between 2015 and 2035 for a normal year. The supply will be the same as demand without potential additional conservation (**Table 15**). As specified in the UWMP Guidebook, the demand totals incorporate the projected water reduction targets of 10 percent per capita reduction by 2015 and 20 percent reduction by 2020. If these target reduction goals are met, the City will scale back groundwater basin pumping. However, it is difficult to guarantee that these target reductions can be met considering the lack of funding and competing fiscal responsibilities that cities are facing today. Therefore, the supply surplus is not likely to be as great as projected in **Tables 20** through **22**.

Table 21 presents the same estimates for a single dry year. The supply will be the same as that available during normal years (**Table 15**); groundwater can be pumped at similar rates on an annual basis during dry years and Lake Nacimiento water and recycled water will still be available. Demands include the optimistic additional conservation and recycled water savings to meet the 2010 and 2020 water reduction targets. If these target water use reductions are met, no additional demand reductions will be needed during a single-year drought.

A table was generated to compare annual supply and demand during multiple-dry year periods for five-year periods between 2015 and 2035. This information is presented in **Table 22**. In this table, supply values were kept the same as those for normal years (**Table 15**). Demand values were assumed to also be the same as those in **Tables 20** and **21**, where additional potential conservation and recycled water savings are included as called for in the UWMP Guidebook. If target water use reductions are met, the City will have sufficient supply to provide water in multi-year droughts. If target water use reductions are not met, the City can initiate various levels of its Water Shortage Contingency Plan to reduce water demands, as discussed in a **Section 5.3**.

The City of Paso Robles water system provides some built-in reliability. First, the water system uses two groundwater sources, Salinas River underflow and the groundwater basin, with differing recharge characteristics. Second, City wells are dispersed throughout the service area protecting against a single catastrophe (such as a groundwater contamination release), and thus disruption of more than four wells is unlikely. The West and East Zones of the City water system are linked so that water can be conveyed from one zone to another if needed in emergency.

Two additional sources of water will be available in the future: Nacimiento Project water and recycled water. Lake Nacimiento surface water supply, which is independent of local groundwater supply, will provide the City with increased water supply reliability, enhanced delivered water quality, and improved wastewater quality. Use of recycled water by the City for non-potable irrigation and industrial use will

release potable groundwater for higher beneficial uses. Recycled water has advantages of being very reliable, especially in drought. Use of recycled water for landscape irrigation provides substantial benefits in reducing peak summer demands on the potable water system.

Even with Nacimiento Project supply and recycled water, the City will continue to rely on the groundwater basin for a portion of its supply. At current rates of municipal and agricultural pumping, groundwater in the Estrella subarea already is subject to chronic declines. These declines are accompanied by loss of well yield, increased pumping lifts, deterioration of water quality, and potential damage to wells.

This risk, which undercuts water supply reliability, is being addressed directly by the City through its active engagement in basin-wide monitoring and management of the basin. In addition, the long-term reliability of water supply can be increased through water conservation that allows already-developed water supplies to be used effectively. The next section of the Plan discusses specific factors affecting the reliability of the City's water supplies. Water conservation, an integral part of the City's water resource planning, is discussed in a subsequent section.

5.2 FACTORS IN WATER SUPPLY RELIABILITY

Table 23 lists potential legal, environmental, water quality, and climatic factors that could result in inconsistency of supply and shortages. Each is discussed below.

5.2.1 LEGAL

The City is addressing potential legal limits on its underflow and groundwater supplies, which include loss or reduction of Salinas River underflow water rights and adjudication of the Paso Robles Groundwater Basin. The City is actively pursuing perfection of underflow water rights (see pages 17 and 18 for discussion of actions the City is taking in this regard). With regard to the Paso Robles Groundwater Basin, the City is an active party to the Paso Robles Groundwater Basin Agreement with the San Luis Obispo County Flood Control and Water Conservation District (District) and private landowners with properties overlying the Paso Robles Groundwater Basin. The agreement acknowledges that the Basin is not in overdraft now, and establishes a process for monitoring its condition in the future. It contains provisions reserving all the parties' respective legal rights. The agreement sets the stage for the City and District to be stewards of groundwater in the North County, and supports monitoring of the basin and consideration of means to avoid overdraft. The City also is an active participant in the Groundwater Basin Management Plan, currently being prepared through collaboration among various agencies, interest groups, and agricultural and domestic groundwater pumpers. In addition, the City has developed policies that regulate non-City wells within City limits and thereby protect City wells and pumping. These policies include provisions to require that private wells are maintained and operated in a manner to prevent cross-connection with the City water system, protect the groundwater basin, support expanded monitoring, and require that unused wells are abandoned correctly to prevent migration of surface contaminants to groundwater.

The City is making strides toward improved wastewater quality through delivery of high quality Nacimiento Project water, programs for reduced use of water softeners, source control for industrial dischargers, and upgrade of the City's wastewater plant.

5.2.3 ENVIRONMENTAL

The most likely environmental factors affecting City water supply would derive from substantially increased pumping from other groundwater basin users resulting in basin overdraft. The City is actively participating in the Paso Robles Groundwater Basin Agreement and the Paso Robles Groundwater Basin Management Plan process with the goal of stabilizing chronic groundwater level declines and avoiding overdraft. Use of Nacimiento water after 2015 by Paso Robles and other local communities will reduce dependence on groundwater.

Earthquakes also can be considered an environmental event that could affect supply consistency in the short term as repairs are made to potentially damaged facilities (e.g., storage tanks, pipelines, wells). See the following section on *Catastrophic Water Shortage*. Heat waves have resulted in power outages in Paso Robles that disrupt water supply; see the section on *Catastrophic Water Shortage*.

5.2.4 WATER QUALITY

Potential water quality impacts on water supply reliability are addressed in **Table 23** and **Table 24**. As indicated in **Table 24**, it is not anticipated that the quality of groundwater, Lake Nacimiento water, or recycled water will degrade in such a manner that affects the volume of water available for use. Lake Nacimiento water will improve the quality of the City's water supply with respect to lowering the total dissolved solids (TDS) content of the supply (see Section 4.1.2 for discussion). However, water quality issues include the potential for contamination plumes and long-term regional impacts.

While all but one of the Salinas River underflow wells are clustered in two well fields, the remaining City wells are distributed widely. Accordingly, the response to contamination of a well field or one or more wells would be cessation of pumping in the affected wells and greater temporary reliance on the remaining wells (as well as future Lake Nacimiento and recycled water supply). Wellhead treatment system installation is also an alternative that could be implemented in response to a specific water quality issue. Currently, the Ronconi Well Field has a microfiltration wellhead treatment system and Sherwood 9 and Sherwood 11 wells have treatment systems to remove arsenic and hydrogen sulfide.

The likelihood of contamination of City wells is reduced through preparation of a Drinking Water Source Assessment and Protection Program (DWSAP), a federally-mandated program being coordinated by the California State Department of Health Services. The City prepared DWSAs for 14 wells in 2002: Sherwood 9, Sherwood 11, Butterfield 12, Osborne 14, Dry Creek 18, Tarr 19, Royal Oak 20, Fox 21, Cuesta 22, Borcherdt 5, and the Thunderbird wells 10, 13, 17, and 23. DWSAs were prepared for the Avery 24 well in 2003 and for the Ronconi wells 1 and 4, the Tower 25 well, and the Barney Schwartz 15 well in 2006 (Paso Robles, 2002, 2003 and 2006). Ronconi 16 is capped and will be properly abandoned in the future. For each well, the DWSAs:

- Delineated source protection areas for both surface water and groundwater;
- Identified all potential sources of significant contamination in source protection areas; and
- Determined the susceptibility of water sources to contamination within protection areas.

The 19 assessments found water supply sources vulnerable to agricultural drainage, auto repair shops, gas stations, home manufacturing, low-density septic systems, sewer collections systems, dry cleaners, metal plating/finishing/fabricating, animal operations, agriculture and irrigations wells, and plastic and synthetics producers.

The City's Water Shortage Contingency Plan discussed in a subsequent section can be used if unforeseen water supply interruptions occur due to water quality problems. Water supply wells are dispersed throughout the City and it is unlikely that more than one cluster of wells would be impacted. As mentioned before, use of Nacimiento water after 2015 and recycled water after 2025 will increase the City's water supply reliability by reducing dependence on groundwater.

With regard to regional groundwater quality, the Estrella subarea of the Paso Robles Groundwater Basin, which includes most of the City, is characterized locally by increasing TDS, chloride and nitrate concentrations. These adverse water quality trends are unlikely to affect City water supply in the near future, given that groundwater currently provided by the City meets all drinking water standards and the increases in TDS, chloride and nitrate are localized. Nonetheless, salt loading to the groundwater basin is an important long-term concern. Recognizing that City wastewater disposal is one source of salt loading, the City has made the reduction of salt loading one of their water resource goals. Major means to reduce salt in City wastewater include planned use of high-quality Lake Nacimiento supply, reduced use of home water softeners, strategic use of wells with lower salt concentrations, and implementation of the industrial waste discharge ordinance.

5.2.5 CLIMATIC

The climatic events most likely to affect water supply are droughts, which are addressed in other sections of this report by examining historical droughts and considering their impact on current and future water supply and demand. However, future climate change—and specifically global warming—brings additional uncertainty to water supply management. It is notable that five of the six extreme drought years have occurred within the past 26 years, suggesting greater climatic variability in recent decades.

Paso Robles does not have surface water supplies dependent on snowmelt, which is likely to be affected by global warming. Effects of global warming on local rainfall remain highly uncertain; however, it is likely that continued global warming would increase evapotranspiration losses. In other words, water demand for irrigation would increase as well as evaporation of Lake Nacimiento water. At this time, the significance of such an effect is not known but warrants continued consideration, particularly given the high summer season water demand that already has stressed the City water system capacity. Effects on the water system of increased irrigation demand can be minimized through water conservation measures and provision of recycled water.

5.2.6 CATASTROPHIC WATER SHORTAGE

The Urban Water Management Planning Act requires that water purveyors describe actions to be taken in the event of catastrophic water supply interruption, such as earthquake and regional power outage. Regional power outages represent a potential interruption in water supply. The City has backup generators at some but not all City wells. In the past, the City has rented additional generators during power failures.

In Paso Robles, catastrophic interruption of water supply is most likely to occur due to an earthquake, which has potential to damage wells, piping, and reservoirs. The December 22, 2003 earthquake seriously damaged two reservoirs. In response, a City-wide water shortage emergency was declared and a temporary water shortage contingency plan was adopted with the purpose of reducing the City's water demand by 25 percent. A final Water Conservation and Water Shortage Contingency Plan was adopted in 2009. This water shortage contingency plan is discussed in the next section.

5.3 WATER SHORTAGE CONTINGENCY PLANNING

The City adopted a Water Conservation and Water Shortage Contingency Plan on June 2, 2009 (Ordinance No. 956 N.S.). This plan, provided in **Appendix C**, recognizes that the City, although having two dependable sources of groundwater, requires a program to manage the City's water demand and supply to minimize the effects of water shortages. This plan provides for adequate water supplies during the summer months and into the future, maintaining a reliable minimum supply of water for public health, safety, and welfare.

The Water Shortage Contingency Plan establishes mandatory and permanent water management requirements necessary to conserve water, enable effective water supply planning, provides for reasonable and beneficial use of water, and prevent waste, unreasonable use, and unreasonable methods of use of water. Four levels of actions are defined to be implemented in times of shortage with increasing restrictions on water use in response to greater demand minus supply differences. Level 1 is voluntary while Levels 2 through 4 are mandatory and violators are subject to civil, and administrative penalties and remedies. The City Council or City Manager will recommend and declare the appropriate water shortage condition. **Table 25** shows the levels and requested rationing/conservation.

The City's actual response to a water shortage will require specific action by the City Council. Stages of action for many water agencies are defined by available storage in a surface water reservoir or by the annual allotment provided by a water wholesaler. In contrast, Paso Robles overlies vast groundwater storage that can be utilized by the City for its drought supply. However, the City currently experiences seasonal shortfalls related to summer peaking of water use.

The City response to drought will depend on the magnitude of the shortfall. **Table 25** presents water supply shortage stages that would trigger conservation measures. Once a water shortage stage has been declared, measures will need to be implemented to meet water conservation goals. **Table 26** provides a brief summary of actions in response to various water shortage emergencies other than drought. **Table**

27 provides examples of consumption reduction measures, ranging from public education to mandatory rationing and restrictions for only priority uses. Specific recommended measures include:

- Notify all customers of the water shortage,
- Mail or deliver information to all customers explaining the importance of water conservation,
- Provide technical information to customers on means to promote water use efficiency,
- Develop a media campaign to promote water conservation, and
- Develop or expand existing conservation programs such as low-flow toilet rebates.

Level 1 consumption reduction measures are voluntary and request water users to reduce use by 10 percent in response to a reasonable probability that there will be a supply shortage (either peak or longer-term) where a savings of 10 percent of supply is needed to meet demands. Public education and awareness measures will increase to notify water users. Water conservation measures include restrictions on irrigation, repair and prevention of leaks, and use of recycled, non-potable, or non-City water for construction.

A Level 2 Condition will be declared when there is a reasonable probability that there will be a supply shortage requiring consumers to reduce use by 20 percent to provide for sufficient supplies. All Level 1 Condition measures are required as well as additional irrigation restrictions. The City may also not allow any additional water connections and/or implement a water allocation per customer account with per unit penalty surcharges for use exceeding the water allocation.

During a Level 3 Condition there is a reasonable probability that there will be a supply shortage requiring consumers to reduce use by 30 percent to provide for sufficient supplies. All Level 1 and Level 2 Condition measures are required as well as further irrigation restrictions. Filling of ornamental lakes and ponds is prohibited. All leaks, breaks, and other plumbing malfunctions must be repaired upon discovery or within 48 hours of notification by the City. Washing down of vehicles and paved areas is prohibited. New water services will only be allowed under certain circumstances and all annexations will be suspended.

A Level 4 Condition will be declared when there is a reasonable probability that there will be a supply shortage requiring consumers to reduce use by 50 percent to provide for sufficient supplies. All Levels 1, 2 and 3 Condition measures are mandatory. Landscape irrigation is prohibited. Leaks, breaks, and other plumbing malfunctions must be repaired upon discovery or within 24 hours of City notification. Filling or refilling of residential pools and spas is prohibited. The City will not enter into any new agreements to provide water to new customers.

Prohibitions are listed in **Table 28** and **Table 29** provides examples of penalties and charges for excessive water use. Violators would be issued two warnings before being fined. A fine not exceeding one hundred dollars would be assessed for a first violation. A second violation within a year would result in a fine not exceeding two hundred dollars. If a third violation occurs within the same year, a fine not exceeding five hundred dollars would be assessed.

Successful implementation of water conservation measures results in a decrease in water demand, with the unintended effect of reducing a water purveyor's revenues. Accordingly, the water code requires analysis of fiscal impacts of the water shortage contingency plan on revenues and expenditures and discussion of measures to reduce impacts. For Paso Robles, effective implementation of the water shortage contingency plan would result in a decline in potable water sales of as much as 10 to 20 percent on an annual basis. This reduction is illustrated in **Table 30** which is based on a 10 to 20 percent decline in 2004 water revenue. Expenditures are not projected to increase during water shortage emergencies (**Table 31**) because water supply sources will remain basically the same and, while City staff may focus on shortage-related duties, no hiring of additional temporary staff or extensive overtime work is anticipated. Any additional effort by the City, such as advertising and public education, would be conducted by the City's conservation program staff.

Any revenues derived from penalties for excessive water use or water wasting during the water shortage would not effectively offset lost revenues. These presumably limited revenues should be applied toward administration of the water shortage contingency plan.

Declining water demands would be offset to a small degree by a decline in operating expenses related to the amount of water provided, such as pumping (energy) and water treatment costs. Measures to overcome revenue impacts are listed in **Table 32**. The City anticipates that reserves would be used to offset the revenue impact. If the water shortage emergency is or appears to be long-term or if City reserves are low, the City may elect to initiate rate adjustments to offset these losses.

The effectiveness of the Water Shortage Contingency Plan can be measured with the monitoring mechanisms listed in **Table 33**. Weekly monitoring of groundwater production and water distribution (as Nacimiento water and recycled water enter the system) as well as wastewater flow to the treatment plant will occur. These values will be compared to water use and wastewater generation during normal periods and will indicate the level of water conservation. Increased meter readings on a weekly basis will indicate the level of water conservation occurring on a single user basis. These increased meter readings can be on a random basis and also can identify high water users and those customers who are not conserving. This monitoring will also alert the City as to the amount of lost revenue to expect.

The Urban Water Management Planning Act requires a mechanism for determining if reductions in water use are actually being achieved in response to conservation measures. Regular monitoring during a Stage 1, 2, 3 or 4 shortage would include reporting of daily production figures and comparisons of weekly production to the target weekly production to verify that the reduction goal is being met. If reduction goals are not met, the City Manager will notify the City Council and provide them with a Staff Report containing recommended corrective action alternatives for their consideration.

6. DEMAND MANAGEMENT MEASURES

6.1 INTRODUCTION

The California Urban Water Management Planning Act requires that each water supplier provide a report describing its implementation of fourteen demand management measures (DMMs, also known as best management practices (BMPs). This report describes the current status of implementation and the planned implementation of these measures in the future. The descriptions of the programs and measures are organized to correspond to the recent grouping of measures by the California Urban Water Conservation Council (CUWCC). These grouping are:

1) Utility Operations Programs
   - 1.1 Conservation coordinator (formerly BMP 12)
   - 1.2 Water waste prevention (formerly BMP 13) - Programs that focus on existing users, new development, and water shortage measures
   - 1.3 Wholesale agency assistance programs (formerly BMP 10)
   - 1.4 Water loss control (formerly BMP 3)
   - 1.5 Metering with commodity rates (formerly BMP 4)
   - 1.6 Retail conservation pricing (formerly BMP 11)
2) Education Programs
   - 2.1 Public information programs (formerly BMP 7)
   - 2.2 School education programs (formerly BMP 8)
3) Residential Measures
   - 3.1 Residential assistance program (formerly BMPs 1 & 2)
   - 3.2 Landscape water survey (formerly BMP 1)
   - 3.3 High efficiency clothes washer (HECWs) (formerly BMP 6)
   - 3.4 Water sense specification toilets (formerly BMP 14)
   - 3.5 Water sense specifications for residential development
4) Commercial, Industrial, and Institutional (formerly BMP 9) – The goal of these programs is to achieve a 10 percent reduction from baseline water usage at CII accounts (focused on interior and process-related water usage).
5) Landscape (formerly BMP 5) - These programs apply to accounts with dedicated irrigation meters or commercial landscapes served by mixed meters.

The programs outlined in this section build on the conservation programs previously implemented by the City of Paso Robles and the plans detailed in the 2000 and 2005 updates of the Urban Water Management Plan. In April of 2009, the City established a full-time Conservation Manager position to plan and implement water conservation programs. Since then, significant progress on implementation of programs in several DMM areas has been achieved. In addition, the City signed the CUWCC Memorandum of Understanding and was accepted as a member in June, 2010.

This section provides a description of how the City is addressing water conservation programs in each of the DMM areas. The current status of the implementation of each program is described. **Table 34**

summarizes the schedule for these DMMs and indicates if progress has been made since the 2005 UWMP. Further detail on each DMM, including projected annual water savings (benefits) and program costs, is provided in **Appendix B** (Implementation Plan for Water Conservation Best Management Practices).

City of Paso Robles Compliance with CUWCC Memorandum of Understanding

The City of Paso Robles plans to use the gallons per capita per day (GPCD) compliance option method for compliance with the Memorandum of Understanding (MOU). This method states that the following reductions must be attained from the City's baseline water use of 241 GPCD (see **Table 8**):

2011: 96.4 percent of baseline (or 100 percent after weather normalization)
2013: 92.8 percent of baseline (or 96.4 percent after weather normalization)
2015: 89.2 percent of baseline (or 92.8 percent after weather normalization)
2017: 85.6 percent of baseline (or 89.2 percent after weather normalization)
2019: 82.0 percent of baseline

For 2010, the last year of complete water use records, the City of Paso Robles' total GPCD water use was 188 gpcd (based on total use of 6,326 AF and a population of 30,072). This water use is 78 percent of baseline water use, demonstrating compliance with the MOU. The City has filed the interactive BMP report forms with CUWCC (found in Appendix F).

Impact of 2009 Level 2 Water Shortage Conservation Program – The City of Paso Robles currently faces a 20 percent water supply shortfall during the summer months due to high irrigation water demands and reduced well capacity, reflecting groundwater level declines in the Atascadero and Estrella subareas. To address this shortfall, in April 2009, the City implemented mandatory outdoor water use restrictions that limit watering to three days per week on a specified schedule. A comprehensive public outreach program was also launched to educate customers on the need to conserve water and use efficient irrigation techniques. As a result, peak-summer water demands were reduced by up to 20 percent compared to 2007/08 water use. Total water demand for 2009 was reduced by 16 percent from 2008 levels. Mandatory water use restrictions were continued in 2010, and will be continued until additional water production capabilities are developed.

6.2 UTILITY OPERATIONS PROGRAMS

6.2.1 CONSERVATION COORDINATOR

This requirement has been met through the staffing in 2009 of a full-time Conservation Manager position in charge of planning and implementation of the City's conservation programs.

6.2.2 WATER WASTE PREVENTION (FORMERLY BMP 13)

In fulfillment of this DMM, in 2009 the City enacted Ordinance No. 09-962- N.S., the Water Conservation and Water Shortage Contingency Plan. This plan outlines permanent water waste prohibitions that are

in effect at all times for existing customers, and additional water use restrictions that are implemented in four stages according to increasing levels of water supply shortfalls. This ordinance is described in the previous section and provided in **Appendix C**. In addition, in 2009 the City adopted a water efficient landscape ordinance in response to the requirements of AB 1881. This ordinance (**Appendix D**) applies primarily to landscape water use efficiency in new development. In addition to including most of the state's model water efficient landscape ordinance requirements for efficient irrigation system design, the ordinance limits turf landscaping in new developments as follows:

- Single Family Residential front yard landscape limited to 25 percent of landscaped area
- Multi-family residential development limited to 20 percent of the landscaped area
- Commercial development limited to 10 percent of the landscaped area.

6.2.3 WHOLESALE AGENCY PROGRAMS

Currently the City does not provide water on a wholesale basis. Therefore, this DMM does not apply.

6.2.4 WATER LOSS CONTROL (FORMERLY BMP 3)

This DMM focuses on minimizing lost and unaccounted-for water (non-revenue water) through system leak detection and repair, and through comprehensive audits of the water production and water distribution system. New procedures for conducting a system water audit have been developed by the American Water Works Association. To comply with this DMM, utilities are expected to use this methodology. To date, the City has not completed a water audit using the methodology. However, the City does track overall unaccounted-for water percentage on an annual basis. Unaccounted-for water is the difference between known billed and unbilled consumption and water production. It includes actual losses (leaks) in the distribution system, un-metered use (e.g. hydrant flushing and fire-fighting), unauthorized water use (theft) and meter error. Unaccounted-for water use among utilities in California generally ranges from 6 percent to 15 percent and averages about 10 percent.

In recent years, since major improvements to the City's billing and accounting system were made, the unaccounted-for water percentage has been as follows:

2006 - 7.3 percent
2007 - 6.6 percent
2008 - 7.2 percent
2009 - 8.5 percent
2010 - 9.1 percent
5-year Average = 7.7 percent

This unaccounted-for percentage is relatively low by California water utility and industry standards (California DWR, August 1994). Therefore, in relation to the implementation of other DMMs, completing a comprehensive water audit using AWWA component analysis method will be given a lesser priority. The CUWCC does allow cities up to four years to develop a validated data set for all entries of their water audit and balance. The City will continue to monitor the unaccounted-for percentage and begin to

develop the data required to complete this audit. In 2010, the accuracy of the City's well production meters were tested, and several meters were calibrated and/or replaced. In addition, a prioritized list was developed of older residential customer meters identified for replacement.

On-going programs to reduce unaccounted-for water include a replacement program for customer meters based on billing record analysis. Currently customer meters are replaced when billing data discrepancies indicate either a zero read or an extremely slow meter. An additional component of this DMM that is planned for implementation in 2011-12 is development of a formalized testing, repair, and replacement program for customer meters. The CUWCC Memorandum of Understanding (MOU) states that this plan is to be submitted to CUWCC within one year of signing the MOU.

6.2.5 METERING WITH COMMODITY RATES (FORMERLY BMP 4)

This measure has two components: 1) metering of all new connections and existing connections, and 2) implementation of commodity water rates whereby monthly charges are based on the volume of usage. This demand management measure, fundamental to efficient use of water, has been in place in Paso Robles for many years. Currently, water billing data can be tracked for the following user categories: single family residential, multi-family residential, commercial/industrial, large landscape irrigation, and institutional/governmental customers. Currently, water is billed at a rate of $1.32 per 100 cubic feet. In addition, an $18/month base fee is charged to all customers. New water rates were adopted in 2010 that will discontinue the $18/month base fee in 2011 and increase the commodity charge over the next five years as follows: 2012 - $2.50, 2013 - $3.20, 2014 - $3.70, 2015 - $4.10, 2016 - $4.40. Implementation of this rate is currently scheduled for 2012, pending re-noticing of customers of the rate increase per Proposition 218 requirements.

6.2.6 RETAIL CONSERVATION PRICING (FORMERLY BMP 11)

Conservation pricing provides a price signal to customers to use water efficiently. Compliance with this DMM requires that a minimum of 70 percent of the City's total water sales revenue be derived from volumetric charges as opposed to fixed monthly charges. The City is currently meeting this target, as the current water rate structure collects approximately 65-70 percent of revenue from volumetric charges. The proposed water rates for the 2012-2016 period (adopted by the City Council in 2010) will eliminate all fixed monthly charges and all revenue will be derived from volumetric charges.

6.3 EDUCATION PROGRAMS

6.3.1 PUBLIC INFORMATION PROGRAMS (FORMERLY BMP 7)

One of the cornerstones of an effective water demand management program is effective public outreach and education. Public information and outreach—which convey the need for efficient water use and show how customers can reduce water use—supports all other elements of the program.

The CUWCC MOU requires that a program include, at a minimum, the following outreach activities. Paso Robles is currently engaged in the following activities:

- At least quarterly contacts with the public
- Contacts with the media at least four times per year
- An actively maintained website
- An annual budget for the public outreach program

The City has had an active public information program for several years and has increased outreach activities since filling the water conservation manager position. The following communication tools are used to convey water conservation messages and to advertise other program elements to customers:

- Monthly radio advertising
- Bill inserts (3-4 newsletters, flyers per year)
- Bill messaging
- Water conservation brochures made available at the City library, at booths at local fairs, and via mail to customers upon request.
- Workshops on Waterwise landscaping and conversion of turf to low-water landscape (2-3 per year)
- Landscape watering schedule made available on website and refrigerator magnet
- Customer notification when runoff or water waste is reported
- Water bill information showing monthly use compared to historical use
- Development of conservation program "branding"
- Speakers bureau – conservation and resources staff are available upon request to speak with community groups.

6.3.2 SCHOOL EDUCATION PROGRAMS (FORMERLY BMP 8)

This DMM covers classroom presentations promoting efficient water use and supplementation of presentations with grade level-appropriate education materials. The City has an ongoing program, working through a local consultant specializing in presentations to grades 4 through 6. The consultant coordinates with the Paso Robles school district and markets the program directly to teachers throughout the district. The 45-minute interactive presentation titled "The Story of Your Water," teaches students about the water cycle, water treatment, water conservation in the home and yard, and water reclamation. These presentations meet state education framework standards and are age-appropriate. In 2008/2009, 26 classroom presentations were made.

The City also provides age-appropriate water education material to children at approximately 2 to 3 community fairs each year (conservation coloring books, workbooks, and other promotional items).

6.4 RESIDENTIAL PROGRAMS

6.4.1 RESIDENTIAL ASSISTANCE PROGRAM

This DMM involves providing leak detection assistance to customers. This may include, but is not limited to, a water conservation survey, water efficiency suggestions and/or inspection, and provision of showerheads and faucet aerators that meet current WaterSense specifications. Beginning in March 2010, the City began offering residential water surveys free of charge to customers requesting the service. The program is marketed through advertising in bill inserts, bill messages, website, and newsletters. During the water survey, Paso Robles' water conservation staff performs the following:

- Check shower heads and faucets and install low-flow models if needed, and the customer desires
- Check toilets for leaks and install a new toilet flapper valve if leaking
- Inspect all irrigation stations for leaks, overspray, and other problems
- Create a seasonal irrigation schedule for the home
- Provide a checklist of improvements for the irrigation system
- Provide other conservation tips and brochures.

Surveys take between 60 and 90 minutes. The form used in the survey is shown in **Appendix E**. The CUWCC MOU coverage requirement for this DMM is to provide surveys to an average of 1.5 percent per year of single family and multi-family accounts. In Paso Robles, this amounts to approximately 120 single-family accounts per year and approximately 36 multi-family units per year. Since this is a voluntary program, it is market driven by customer desire for the service. In 2010, the survey was completed for 129 single family accounts, 3 multi-family accounts and 3 commercial accounts.

6.4.2 LANDSCAPE SURVEY (FORMERLY BMP 1)

This DMM involves performing a landscape water survey that includes a check of irrigation system and timers for maintenance and repairs needs, developing a customer irrigation schedule, reviewing scheduling with the customer, and providing the customer with an evaluation. The City provides this service as part of the home water survey described in Section 6.4.1.

6.4.3 HIGH-EFFICIENCY CLOTHES WASHERS (HECWS) (FORMERLY BMP 6)

This DMM involves providing incentives or instituting ordinances requiring the purchase of high-efficiency clothes washers that meet an average water factor value of 5.0 or the WaterSense specification if it is less than 5.0. Currently, the City does not offer rebates for installation of HECWs nor does it require installation through ordinance. However, PG&E provides a $50 rebate for clothes washers and the City's conservation website provides a direct link to the PG&E rebate website. In the 2011-2013 period, the City plans to evaluate the cost-effectiveness of providing additional clothes washer rebates and compare its cost-effectiveness to that of other DMMs and water conservation

alternatives available. At this point in time, the City's total budget for rebates is limited due to severe water rate revenue constraints.

6.4.4 WATERSENSE SPECIFICATION TOILETS (FORMERLY BMP 14)

This DMM involves providing incentives or ordinances requiring the replacement of existing toilets using 3.5 or more gallons per flush (gpf) with a 1.28 gpf toilet (HET). It is estimated that the City has 5,800 pre-1993 single family homes and 2,300 multi-family pre-1993 units, most of which still have 3.5 gpf or greater toilets.

To begin providing an incentive to homeowners and business owners to replace high-flow toilets, in February 2010, the City initiated a rebate program that provides up to $125 per toilet retrofit. The rebates are marketed through advertising in bill inserts, bill messages, website, and newsletters. In 2010, a total of 129 toilets were retrofitted under this program. The CUWCC MOU compliance standard is to achieve the same number of toilet replacements as would be achieved through a retrofit-on-resale ordinance.

6.4.5 WATERSENSE SPECIFICATIONS (WSS) FOR RESIDENTIAL DEVELOPMENT

This aspect of residential DMMs was not included in the original BMPs, but is a new requirement of the CUWCC MOU. It involves providing incentives (such as rebates, recognition programs, or reduced connection fees), or ordinances requiring residential construction to meet WSS for single-family and multi-family housing units until a state or federal regulation is passed requiring this standard. Beginning in 2012, state law will require all toilets sold within California to be 1.28 gpf HET toilets (the current WSS standard). This new standard eliminates the need for a local ordinance. In addition, the California Green Building Standards Code (Title 24, Part II) effective January 1, 2011, now requires fixtures in new development to meet Water Sense Specifications. Paso Robles adopted these codes in late 2010.

6.5 COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL PROGRAMS (CII) (FORMERLY BMP 9)

The goal of this DMM, as outlined by the CUWCC MOU, is to achieve a 10 percent reduction in baseline use for this sector over a 10-year period. This can be accomplished though implementation of flexible best management practices that fit the City's customer characteristics. Compliance with these measures is based on meeting goals for percentage reductions in CII annual water use.

Currently, the City offers water surveys and audits to commercial customers upon request. In 2010, a letter was sent to the top 100 commercial customers offering this service. The City's toilet rebate program, which provides an incentive to replace conventional high-flow toilets with HET models, is also available to CII customers.

The next step in implementing this DMM is the identification and prioritization of CII customers based on water use and customer type. In July 2007, the City had 576 commercial/industrial/ institutional customers. Total billed consumption for 2007 (the year of the severe economic recession) was 1,215.52

acre-feet (16.0 percent of total consumption). In July 2009, the number of accounts had increased to 698, but total CII water use for 2009 had decreased by 22.8 percent to 938.31 acre-feet (15.4 percent of total billed consumption). This reduction is attributed to two factors: 1) mandatory outdoor watering restrictions implemented in May 2009 and associated public outreach efforts, and 2) the local impact of the economic downturn. The vacancy rate for commercial space in 2009/10 has been estimated at over 30 percent.

The focus of the City's CII program efforts in the future will be to offer comprehensive water audits to CII customers, similar to the program implemented in 2010 for residential customers. Implementation will depend on the availability of additional funding for the conservation program to hire a full-time staff person to perform audits and administer the program. Rebates for the following CII measures will be evaluated for cost-effectiveness and potential implementation, over the next few years, pending available funding. These measures (from the CUWCC Demonstrated Savings Measures List) include: 1) high-efficiency urinals, 2) ultra-low volume urinals, 3) commercial high efficiency single load clothes washers, 4) cooling tower conductivity controllers, 5) connectionless food steamers, 6) medical equipment steam sterilizers, 7) water-efficient ice machines, 8) pressurized water brooms, and 9) dry vacuum pumps. Any programs chosen for implementation would be marketed directly to CII accounts through targeted outreach.

6.6 LANDSCAPE (FORMERLY BMP 5)

This DMM applies to non-residential accounts that are dedicated irrigation meters and CII accounts with mixed-use meters. Customers in this category include large turf areas such as schools and City parks, and the Mid-state fairgrounds. There are currently 12 schools that have extensive turf areas and 10 City parks that would be addressed under this DMM. The City currently does not supply water to any golf courses. In addition, the City provides water to approximately 95 "Landscape and Lighting" district meters that provide irrigation water to roadway medians and parkways.

The goal of this DMM is to achieve a higher level of irrigation efficiency with respect to plant water requirements, through assistance programs to customers. This program, when implemented, would include performing landscape water use audits and developing Eto-based irrigation water budgets for these accounts based on 70 percent of Eto. Playground and ball field areas are designated as "recreational" and are allowed to be watered at up to 100 percent of Eto. The CUWCC coverage requirement for this DMM is that each year, 9 percent of dedicated landscape meters receive an audit and water budget, and 1.5 percent of mixed use customers in this category are audited and landscape water budgets produced. The implementation schedule for this DMM will depend on the availability of additional funding to hire a full-time staff person to perform audits, produce water budgets, and perform other conservation program duties. This will be dependent on the implementation of new water rates and availability of additional funds for conservation programs. In 2012-13, as a first step in implementing this DMM, landscape accounts will be identified and prioritized for audits based on annual water use and other factors.

6.7 CONSERVATION PROGRAM IMPLEMENTATION SUMMARY

Since submitting the 2005 UWMP, Paso Robles has made significant progress in implementing the CUWCC Demand Management Measures. A Water Conservation Manager position has been staffed, and programs covering all 14 original DMMs (BMPs) have now been implemented, with the exception of BMPs 5, 6, and 14 as described above and summarized in **Table 34**. The remaining DMMs will be evaluated for implementation during the 2011-2015 period and implemented if cost-effective and funding becomes available. The cost-effectiveness analysis will compare the cost-effectiveness of the DMMs with that of other water conservation program opportunities applicable to the City of Paso Robles.

7. COMPLETED UWMP CHECKLIST

No.	UWMP Requirement [a]	Calif. Water Code Reference	Additional Clarification	UWMP Location
PLAN PREPARATION				
4	Coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.	10620(d)(2)		Section 1.2, p. 2-3 Table 1
6	Notify, at least 60 days prior to the public hearing on the plan required by Section 10642, any city or county within which the supplier provides water that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. Any city or county receiving the notice may be consulted and provide comments.	10621(b)		Section 1.1., p. 2 Appendix A
7	Provide supporting documentation that the UWMP or any amendments to, or changes in, have been adopted as described in Section 10640 et seq.	10621(c)		Section 1.1, p. 2 Appendix A
54	Provide supporting documentation that the urban water management plan has been or will be provided to any city or county within which it provides water, no later than 60 days after the submission of this urban water management plan.	10635(b)		Section 1.1, p. 2 Appendix A
55	Provide supporting documentation that the water supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan.	10642		Section 1.2, p. 2 Table 1
56	Provide supporting documentation that the urban water supplier made the plan available for public inspection and held a public hearing about the plan. For public agencies, the hearing notice is to be provided pursuant to Section 6066 of the Government Code. The water supplier is to provide the time and place of the hearing to any city or county within which the supplier provides water. Privately-owned water suppliers shall provide an equivalent notice within its service area.	10642		Section 1.1, p. 2 Appendix A
57	Provide supporting documentation that the plan	10642		Section 1.1,

	has been adopted as prepared or modified.			p. 2 Appendix A
58	Provide supporting documentation as to how the water supplier plans to implement its plan.	10643		Section 3.4, p. 9 Section 5.3, p. 35-37 and Appendices B, C and F Section 6-DMMs
59	Provide supporting documentation that, in addition to submittal to DWR, the urban water supplier has submitted this UWMP to the California State Library and any city or county within which the supplier provides water supplies a copy of its plan no later than 30 days after adoption. This also includes amendments or changes.	10644(a)		Section 1.1, p. 2 Appendix A
60	Provide supporting documentation that, not later than 30 days after filing a copy of its plan with the department, the urban water supplier has or will make the plan available for public review during normal business hours	10645		Section 1.1, p. 2 Appendix A
SYSTEM DESCRIPTION				
8	Describe the water supplier service area.	10631(a)		Section 2, p. 4-5
9	Describe the climate and other demographic factors of the service area of the supplier	10631(a)		Section 2.2, p. 4 Table 2
10	Indicate the current population of the service area	10631(a)	Provide the most recent population data possible. Use the method described in "Baseline Daily Per Capita Water Use."	Section 2.3, p. 5 Table 3
11	Provide population projections for 2015, 2020, 2025, and 2030, based on data from State, regional, or local service area population projections.	10631(a)	2035 and 2040 can also be provided to support consistency with Water Supply Assessments and Written	Section 2.3, p. 5 Table 3

			Verification of Water Supply documents.	
12	Describe other demographic factors affecting the supplier's water management planning.	10631(a)		Section 2.3, p. 5 Section 4.1.1, p.14-18
SYSTEM DEMANDS				
1	Provide baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.	10608.20(e)		Section 3.2, p. 7-8 Tables 7 and 8
2	*Wholesalers:* Include an assessment of present and proposed future measures, programs, and policies to help achieve the water use reductions. *Retailers:* Conduct at least one public hearing that includes general discussion of the urban retail water supplier's implementation plan for complying with the Water Conservation Bill of 2009.	10608.36 10608.26(a)	Retailers and wholesalers have slightly different requirements	Section 1.1, p. 2 Appendix A
3	Report progress in meeting urban water use targets using the standardized form.	10608.40		Section 3.4, p. 9
25	Quantify past, current, and projected water use, identifying the uses among water use sectors, for the following: (A) single-family residential, (B) multifamily, (C) commercial, (D) industrial, (E) institutional and governmental, (F) landscape, (G) sales to other agencies, (H) saline water intrusion barriers, groundwater recharge, conjunctive use, and (I) agriculture.	10631(e)(1)	Consider 'past' to be 2005, present to be 2010, and projected to be 2015, 2020, 2025, and 2030. Provide numbers for each category for each of these years.	Section 3.1, p. 6-7 Section 3.3, p. 8-9 Tables 4 and 5
33	Provide documentation that either the retail agency provided the wholesale agency with water use projections for at least 20 years, if the UWMP agency is a retail agency, OR, if a wholesale agency, it provided its urban retail customers with future planned and existing water source available to it from the wholesale agency during the required water-year types	10631(k)	Average year, single dry year, multiple dry years for 2015, 2020, 2025, and 2030.	Not Applicable
34	Include projected water use for single-family and multifamily residential housing needed for lower	10631.1(a)		Section 3.1, p. 7

	income households, as identified in the housing element of any city, county, or city and county in the service area of the supplier.			Table 6
SYSTEM SUPPLIES				
13	Identify and quantify the existing and planned sources of water available for 2015, 2020, 2025, and 2030.	10631(b)	The 'existing' water sources should be for the same year as the "current population" in line 10. 2035 and 2040 can also be provided.	Section 4.5, p. 25-27 Table 15
14	Indicate whether groundwater is an existing or planned source of water available to the supplier. If yes, then complete 15 through 21 of the UWMP Checklist. If no, then indicate "not applicable" in lines 15 through 21 under the UWMP location column.	10631(b)	Source classifications are: surface water, groundwater, recycled water, storm water, desalinated sea water, desalinated brackish groundwater, and other.	Section 4.1, p. 10
15	Indicate whether a groundwater management plan been adopted by the water supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.	10631(b)(1)		Section 4.1.1, p. 15-17
16	Describe the groundwater basin.	10631(b)(2)		Section 4.1.1, p. 10-14
17	Indicate whether the groundwater basin is adjudicated? Include a copy of the court order or decree.	10631(b)(2)		Section 4.1.1, p. 10
18	Describe the amount of groundwater the urban water supplier has the legal right to pump under the order or decree. If the basin is not adjudicated, indicate "not applicable" in the UWMP location column.	10631(b)(2)		Not applicable
19	For groundwater basins that are not adjudicated, provide information as to whether DWR has	10631(b)(2)		Section 4.1.1,

	identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current official departmental bulletin that characterizes the condition of the groundwater basin, and a detailed description of the efforts being undertaken by the urban water supplier to eliminate the long-term overdraft condition. If the basin is adjudicated, indicate "not applicable" in the UWMP location column.			p. 12-18
20	Provide a detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years	10631(b)(3)		Section 4.2, p. 19-21 Table 9
21	Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.	10631(b)(4)	Provide projections for 2015, 2020, 2025, and 2030.	Section 4.2, p. 19-21 Table 10
24	Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.	10631(d)		Section 4.5, p. 26
30	Include a detailed description of all water supply projects and programs that may be undertaken by the water supplier to address water supply reliability in average, single-dry, and multiple-dry years, excluding demand management programs addressed in (f)(1). Include specific projects, describe water supply impacts, and provide a timeline for each project.	10631(h)		Section 4.5, p. 25-26 Section 5.1, p. 28-32 Tables 16-22
31	Describe desalinated water project opportunities for long-term supply, including, but not limited to, ocean water, brackish water, and groundwater.	10631(i)		Section 4.5, p. 26
44	Provide information on recycled water and its potential for use as a water source in the service area of the urban water supplier. Coordinate with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area.	10633		Section 4.1.3, p. 19 Section 4.4.4, p. 23-25 Tables 13-14
45	Describe the wastewater collection and treatment systems in the supplier's service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.	10633(a)		Section 4.4.1, p. 21-22 Tables 11-12

46	Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.	10633(b)		Section 4.4.2, p. 23 Section 4.4.4, p. 24 Tables 11-12
47	Describe the recycled water currently being used in the supplier's service area, including, but not limited to, the type, place, and quantity of use.	10633(c)		Section 4.1.3, p. 19 Section 4.4.4, p. 23-25 Table 15
48	Describe and quantify the potential uses of recycled water, including, but not limited to, agricultural irrigation, landscape irrigation, wildlife habitat enhancement, wetlands, industrial reuse, groundwater recharge, indirect potable reuse, and other appropriate uses, and a determination with regard to the technical and economic feasibility of serving those uses.	10633(d)		Section 4.1.3, p. 19 Section 4.4.4, p. 23-25 Tables 11-14
49	The projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected.	10633(e)		Section 4.4.4, p. 23-25 Table 15
50	Describe the actions, including financial incentives, which may be taken to encourage the use of recycled water, and the projected results of these actions in terms of acre-feet of recycled water used per year.	10633(f)		Section 4.4.4, p. 23-25 Table 14
51	Provide a plan for optimizing the use of recycled water in the supplier's service area, including actions to facilitate the installation of dual distribution systems, to promote recirculating uses, to facilitate the increased use of treated wastewater that meets recycled water standards, and to overcome any obstacles to achieving that increased use.	10633(g)		Section 4.1.3, p. 19 Section 4.4.4, p. 23-25
WATER SHORTAGE RELIABILITY AND WATER SHORTAGE CONTINGENCY PLANNING				
5	Describe water management tools and options to maximize resources and minimize the need to import water from other regions.	10620(f)		Section 4.1.1, p. 14-19
22	Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage and	10631(c)(1)		Sections 5.1 and

	provide data for (A) an average water year, (B) a single dry water year, and (C) multiple dry water years.			5.2, p. 28-35 Tables 17-24
23	For any water source that may not be available at a consistent level of use - given specific legal, environmental, water quality, or climatic factors - describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.	10631(c)(2)		Section 5 p. 28-35 Tables 16 and 23
35	Provide an urban water shortage contingency analysis that specifies stages of action, including up to a 50-percent water supply reduction, and an outline of specific water supply conditions at each stage	10632(a)		Section 5.3 p. 35-37 Table 25
36	Provide an estimate of the minimum water supply available during each of the next three water years based on the driest three-year historic sequence for the agency's water supply.	10632(b)		Section 5.1.3 p. 30-32 Table 19
37	Identify actions to be undertaken by the urban water supplier to prepare for, and implement during, a catastrophic interruption of water supplies including, but not limited to, a regional power outage, an earthquake, or other disaster.	10632(c)		Section 5.2.6 p. 35 Table 26
38	Identify additional, mandatory prohibitions against specific water use practices during water shortages, including, but not limited to, prohibiting the use of potable water for street cleaning.	10632(d)		Section 5.3 p. 35-37 Table 28
39	Specify consumption reduction methods in the most restrictive stages. Each urban water supplier may use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply.	10632(e)		Section 5.3 p. 35-37 Table 27
40	Indicated penalties or charges for excessive use, where applicable.	10632(f)		Section 5.3 p. 35-37 Table 29
41	Provide an analysis of the impacts of each of the actions and conditions described in subdivisions (a) to (f), inclusive, on the revenues and expenditures of the urban water supplier, and proposed measures to overcome those impacts, such as the development of reserves and rate	10632(g)		Section 5.3 p. 35-37 Tables 30-32

	adjustments.			
42	Provide a draft water shortage contingency resolution or ordinance.	10632(h)		Appendix C
43	Indicate a mechanism for determining actual reductions in water use pursuant to the urban water shortage contingency analysis.	10632(i)		Section 5.3 p. 35-37 Table 33
52	Provide information, to the extent practicable, relating to the quality of existing sources of water available to the supplier over the same five-year increments, and the manner in which water quality affects water management strategies and supply reliability	10634	For years 2010, 2015, 2020, 2025, and 2030	Section 4.1.1, p. 10-17 Section 4.1.2, p. 18-19 Section 4.1.3, p. 19 Section 5.1.3, p.30-32 Section 5.2.4, p. 33-34
53	Assess the water supply reliability during normal, dry, and multiple dry water years by comparing the total water supply sources available to the water supplier with the total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and multiple dry water years. Base the assessment on the information compiled under Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.	10635(a)		Section 5.1.3, p. 30-33 Tables 20-22
DEMAND MANAGEMENT MEASURES				
26	Describe how each water demand management measures is being implemented or scheduled for implementation. Use the list provided.	10631(f)(1)	Discuss each DMM, even if it is not currently or planned for implementation. Provide any appropriate schedules.	Section 6, p. 38-46 Table 34 Appendix B Appendix F
27	Describe the methods the supplier uses to evaluate the effectiveness of DMMs implemented or described in the UWMP.	10631(f)(3)		Section 6, p. 38-46 Table 34

				Appendix B
28	Provide an estimate, if available, of existing conservation savings on water use within the supplier's service area, and the effect of the savings on the ability to further reduce demand.	10631(f)(4)		Section 6, p. 38-46 Appendix B Appendix F
29	Evaluate each water demand management measure that is not currently being implemented or scheduled for implementation. The evaluation should include economic and non-economic factors, cost-benefit analysis, available funding, and the water suppliers' legal authority to implement the work.	10631(g)	See 10631(g) for additional wording.	Section 6, p. 38-46 Appendix B Appendix F
32	Include the annual reports submitted to meet the Section 6.2 requirements, if a member of the CUWCC and signer of the December 10, 2008 MOU.	10631(j)	Signers of the MOU that submit the annual reports are deemed compliant with Items 28 and 29.	Section 6.1, p. 38-39 Appendix F

a The UWMP Requirement descriptions are general summaries of what is provided in the legislation.

8. REFERENCES

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mnd.asp, and affordable rentals: http://www.prcity.com/government/departments/commdev/housing/rentals.asp, accessed October 13, 2010 and March 16, 2011.

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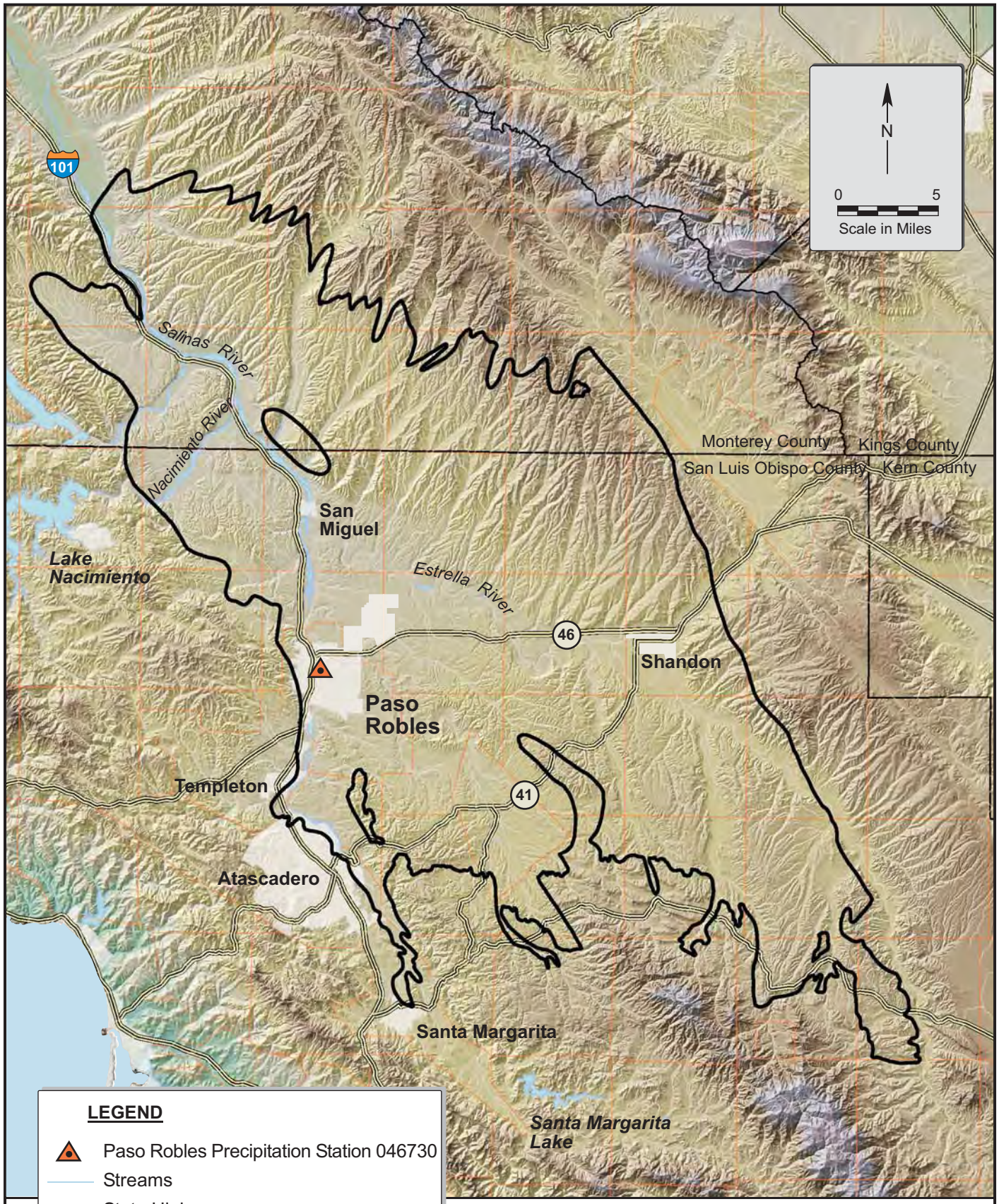
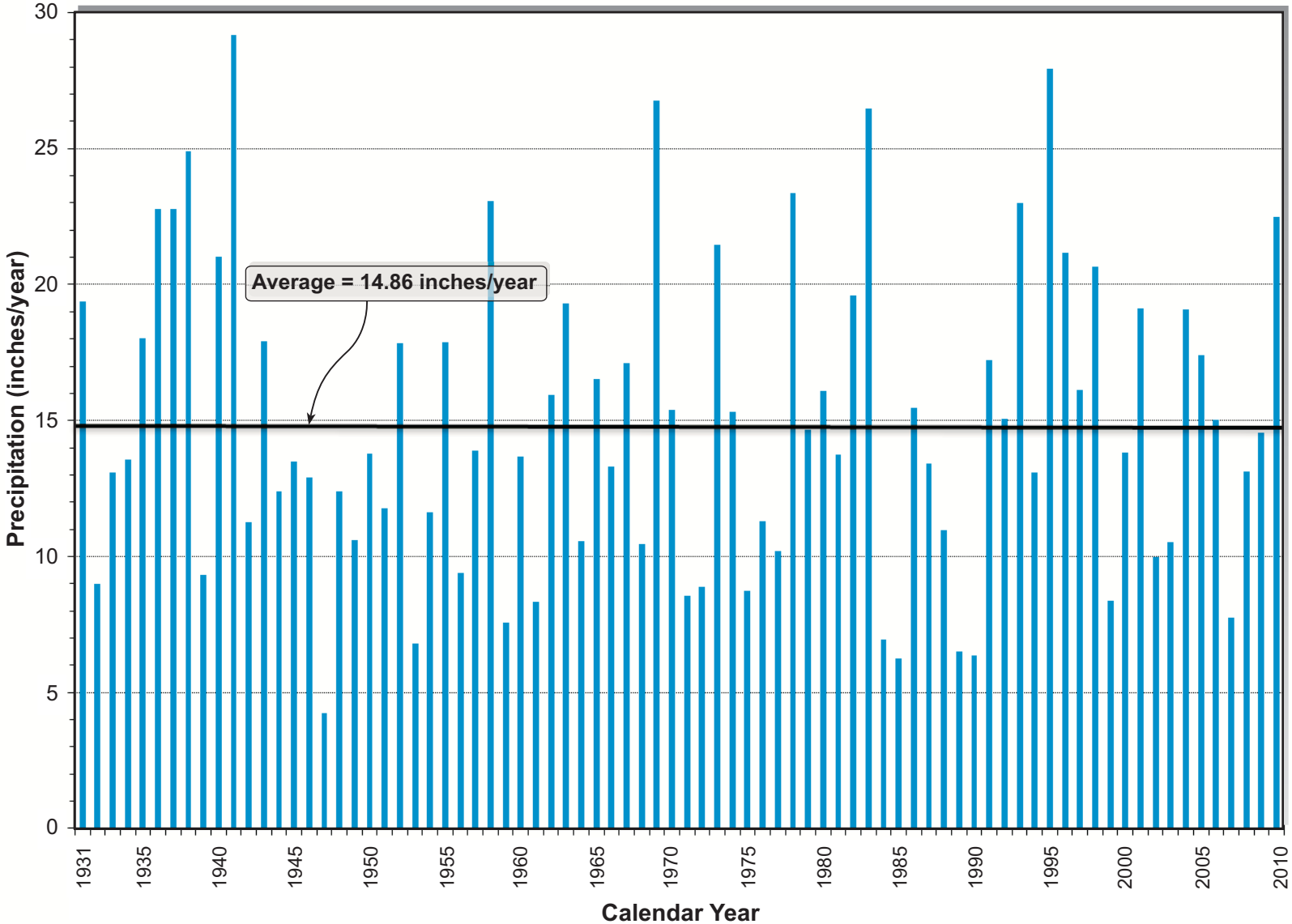
Figures



LEGEND

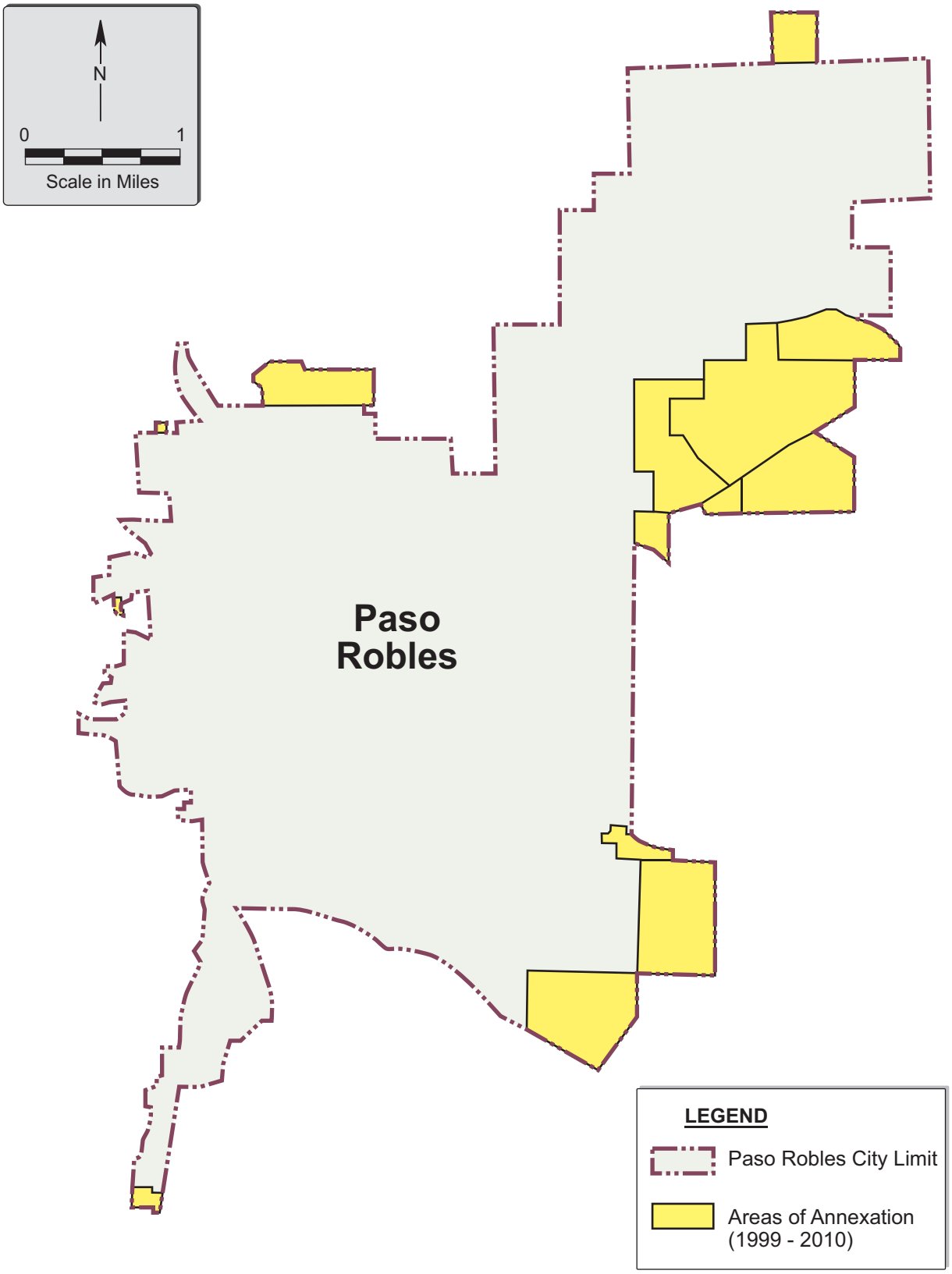
- Paso Robles Precipitation Station 046730
- Streams
- State Highways
- Basin Boundary
- Cities/Communities
- County Line

January 2011	**Figure 1**
TODD ENGINEERS Alameda, California	**Paso Robles Groundwater Basin**

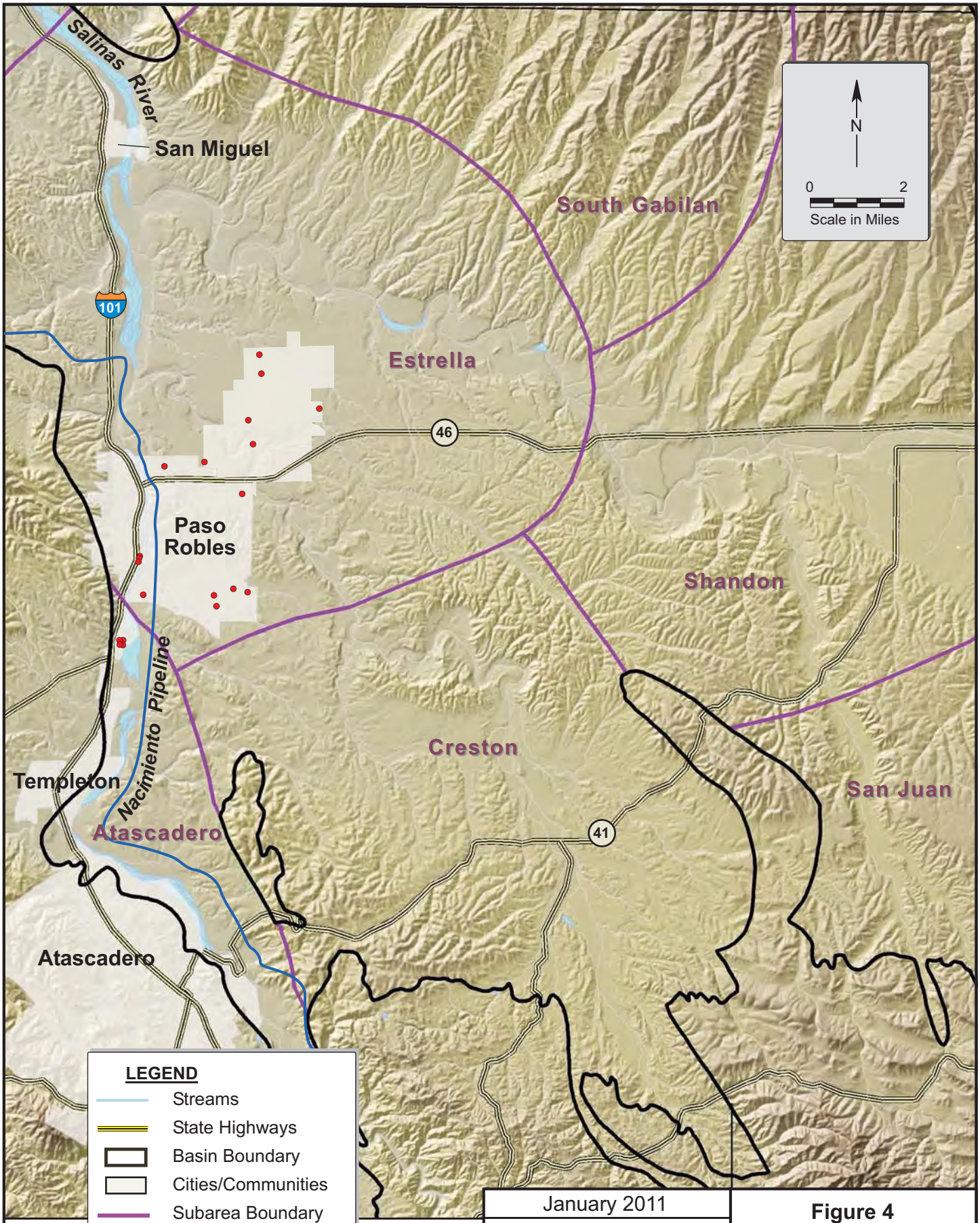


Precipitation data from Paso Robles Station 046730. Data is from January 1931 through December 2010.
Monthly Total Precipitation data table from wrcc.dri.edu/cgi-bin/cliMontpre.pl?ca6730.

January 2011	**Figure 2**
TODD ENGINEERS Alameda, California	**Paso Robles Precipitation**



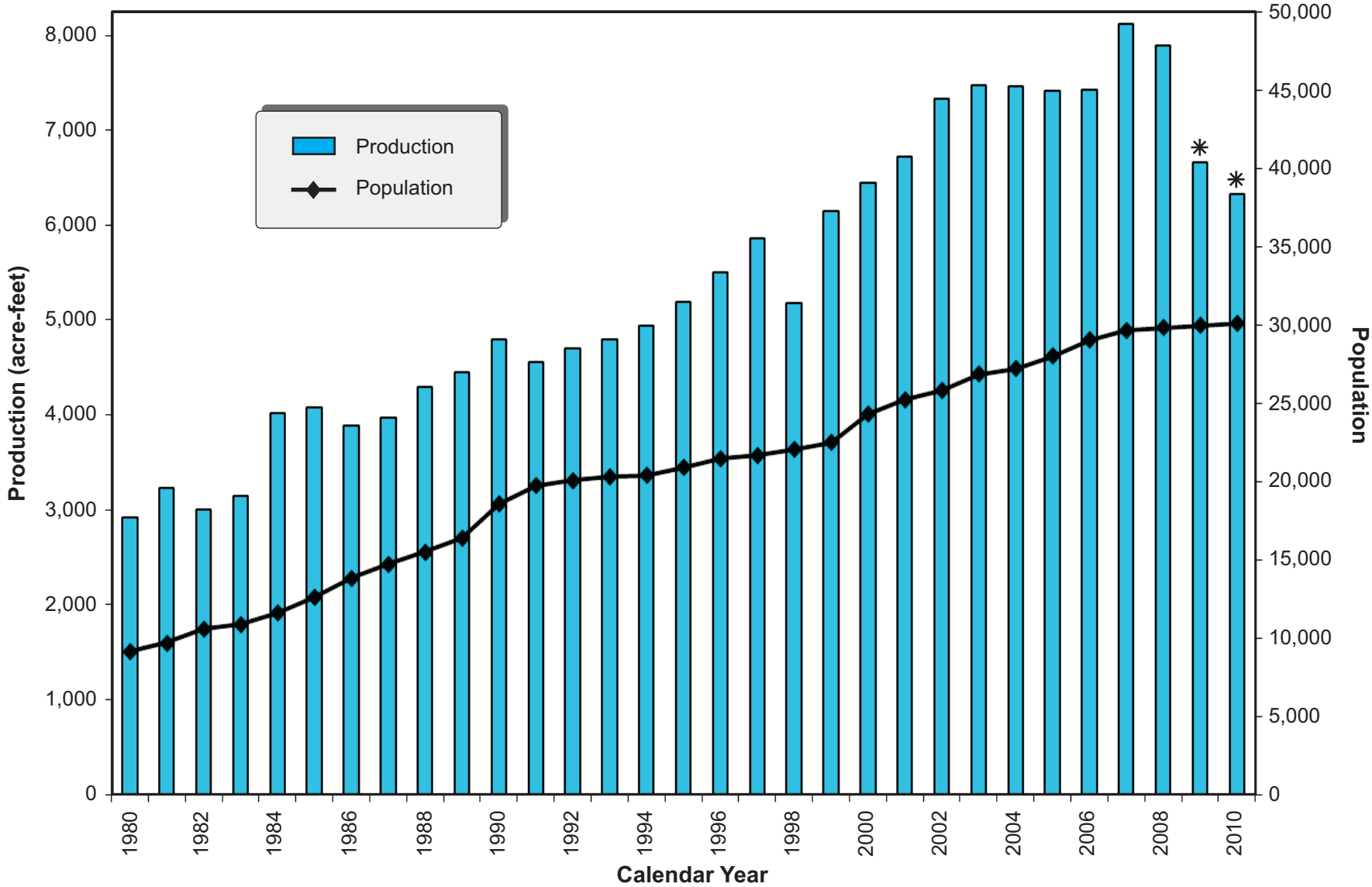
January 2011	**Figure 3** **Paso Robles** **Recent Annexations**
TODD ENGINEERS Alameda, California	



January 2011

TODD ENGINEERS
Alameda, California

Figure 4
Paso Robles Boundaries and Facilities



* Water Use in 2009 and 2010 decreased due to Level 2 City-wide mandatory outdoor water use restrictions.

January 2011	**Figure 5**
TODD ENGINEERS Alameda, California	**Paso Robles Water Production and Population**

Tables

Table 1 Coordination with Appropriate Agencies							
Coordinating Agencies	Participated in developing the plan	Commented on the draft	Attended public meetings	Was contacted for assistance	Was sent a copy of the draft plan	Was sent a notice of intention to adopt	Not involved / No information
Atascadero Mutual Water Company						X	
Templeton Community Services District						X	
San Luis Obispo County Public Works Department					X	X	
City of Atascadero						X	
Paso Robles Public Library			X		X	X	
California Regional Water Quality Control Board						X	
Paso Robles Chamber of Commerce						X	
San Miguel Community Services District						X	
Paso Robles Imperiled Overlying Rights (PRIOR)						X	
General Public		X	X			X	

Table 2 Climate Data							
	Historic Rainfall[1] (inches)			Average ETo[2] (inches)	Historic Temperature[3] (°F)		
	Average	Maximum	Minimum		Average	Average Maximum	Average Minimum
January	3.48	14.76	0.00	2.21	46.70	52.68	37.77
February	3.07	12.74	0.00	2.50	49.96	57.43	42.00
March	2.44	12.31	0.00	3.80	52.88	59.31	46.45
April	1.01	5.22	0.00	5.08	56.52	62.28	49.08
May	0.36	2.41	0.00	5.70	61.64	69.11	56.55
June	0.05	0.93	0.00	6.19	67.32	73.55	61.58
July	0.02	0.68	0.00	6.43	71.51	78.29	65.73
August	0.05	1.19	0.00	6.09	71.14	75.97	65.60
September	0.17	2.9	0.00	4.87	67.97	74.17	62.50
October	0.62	5.11	0.00	4.09	61.12	66.32	56.11
November	1.37	7.14	0.00	2.89	52.56	58.50	45.98
December	2.54	8.6	0.00	2.28	46.74	53.03	40.16
Average Calendar Year Total[4]	**14.86**	**29.19**	**4.24**	**52.13**	**-**	**-**	**-**
Monthly Average	**1.24**	**2.43**	**0.35**	**4.34**	**58.92**	**61.13**	**56.55**

1. Precipitation data from Paso Robles Station 046730. Data is from Jan 1894 through Dec 2010. Monthly Total Precipitation data table from www.wrcc.dri.edu/cgi-bin/cliMONtpre.pl?ca6730. Months with 6 or more missing days and years with 1 or more missing months are not included. 1931 - present are most complete years with 85 years included in the average annual calculation.

2. ETo data from CIMIS Station 163 Atascadero, Nov 2000 - Aug 2010 http://wwwcimis.water.ca.gov/cimis/frontMonthlyEToReport.do.

3. Temperature data from Paso Robles Station 046730. Data is from Jan 1894 through Dec 2010. Monthly Average Temperature table from www.wrcc.dri.edu/cgi-bin/cliMONtavt.pl?ca6730. Months with 6 or more missing days and years with 1 or more missing months are not included. 1911 - present are most complete years with 100 years included in the average annual calculation.

4. Note that Average Calendar Year Total may not be sum of numbers above but rather historical annual average.

Table 3 Population - Current and Projected							
	2005	2010	2015	2020	2025	2030	2035
Service Area Population[1]	27,361	30,072[2]	30,770[3]	37,385[4]	44,000[5]	44,000[5]	44,000[5]

1. Service area population is the population served by the distribution system and is approximately the same as the City population.

2. 2010 population from State Department of Finance's population estimate for 1/1/2010. Accessed 8/25/10, http://www.dof.ca.gov/research/demographic/reports/estimates/e-1/2009-10/.

3. Projected customer growth between 2010 and 2015 = 262 accounts (derived from City of Paso Robles, Supplemental Report Section - 2010 Uniform Water Rate Study, K/J, 11/22/10). Take half of FY2010-11 and half of FY2015-16 and assume 1 account per household and 2.663 people per household [30,072 + (262 x 2.663 pph) = 30,770 (rounded)]. Value of 2.663 people per household from City of Paso Robles General Plan Housing Element: 2009 Update.

4. Assumes linear growth between 2015 and 2025.

5. City's 2003 General Plan Amendment 2005-001 (City Council Resolution 05-249); City population in 2025 consistent with General Plan population planning threshold of 44,000 residents.

Table 4
Past, Current and Projected Water Deliveries

	2005[1]		2010[2]		2015		2020		2025		2030		2035	
Water Use Sectors	**# of Accounts**	**Deliveries (AFY)**	**# of Accounts**	**Deliveries (AFY)**	**# of Accounts**	**Deliveries (AFY)**	**# of Accounts**	**Deliveries (AFY)**	**# of Accounts**	**Deliveries (AFY)**	**# of Accounts**	**Deliveries (AFY)**	**# of Accounts**	**Deliveries (AFY)**
Single Family	8,273	3,865	8,661	3,435	8,882	4,441	10,653	5,326	12,425	6,180	12,425	6,180	12,425	6,180
Multi-family	386	794	401	573	502	847	600	1,020	696	1,195	696	1,195	696	1,195
Commercial	682	1,197	676	656	703	1,234	1,383	2,427	2,063	3,620	2,063	3,620	2,063	3,620
Industrial	64	69	71	154	74	161	81	176	89	194	89	194	89	194
Institutional/ Governmental	Included in Other sector	included in Other sector	76	91	76	91	76	91	76	91	76	91	76	91
Parks, Landscape Irrigation, Other[3]	331	1,238	391	840	392	1,176	393	1,180	393	1,180	393	1,180	393	1,180
Total Water Deliveries[4]	**9,736**	**7,163**	**10,276**	**5,749**	**10,629**	**7,950**	**13,186**	**10,220**	**15,742**	**12,460**	**15,742**	**12,460**	**15,742**	**12,460**

1. 2005 accounts and deliveries from 2005 DWR Public Water System Statistics. Other category includes some Industrial and Institutional/Govt water use.

2. 2010 accounts and deliveries from 2010 DWR Public Water System Statistics. 2010 water use was reduced by approximately 20 percent due to City-wide Level 2 mandatory outdoor water use restrictions.

3. Other category on DWR Public Water System Statistic forms includes hydrant meters. In 2005 and 2010, "Landscape Irrigation" category included some accounts that provided water to commercial/industrial and Institutional/Govt water use.

4. Total Water Deliveries from Tables 5 and 15. See Tables 5 and 15 for unaccounted-for water and potential conservation savings.

Note: Projected single family "baseline" deliveries for 2015 to 2025 and beyond are based on the average per account deliveries from 2006-2008.

Table 5 Total Water Use (AFY)							
Water Use	**2005**	**2010[2]**	**2015**	**2020**	**2025**	**2030**	**2035**
Unaccounted-for Water[1]	250	577	600	770	940	940	940
Water Deliveries (from Table 4)	7,163	5,749	7,950	10,220	12,460	12,460	12,460
Total Water Use	**7,413**	**6,326**	**8,550**	**10,990**	**13,400**	**13,400**	**13,400**
Potential Conservation and Recycling[3]	Not Applicable	Not Applicable	980	2,865	3,885	3,885	3,885
SB-7 Target Water Demands to Comply with 20% Demand Reductions by 2020[3]	Not Applicable	Not Applicable	**7,570**	**8,125**	**9,515**	**9,515**	**9,515**
SB-7 Target Water Demands in gallons per capita per day (gpcd)[3]	Not Applicable	Not Applicable	**217 gpcd**	**193 gpcd**	**193 gpcd**	**193 gpcd**	**193 gpcd**

1. 2005 and 2010 unaccounted-for water from DWR Public Water System Statistics forms. 2005 is 3.4% (250/7,413) and 2010 is 9.1% (577/6,326). Assumes unaccounted-for water is 7% of total water use for 2015-2035. Includes leaks, meter error, differences between metered water production and metered water usage, and unmetered use such as main flushing and firefighting.

2. 2010 water use is reduced by approximately 20 percent due to City-wide Level 2 mandatory outdoor water use restrictions and implementation of DMMs.

3. Senate Bill 7 Target Water Use: DWR Method 1 (10% reduction of gpcd baseline water use by 2015 and 20% reduction by 2020). Used ten-year baseline (1999-2008) of 241 gpcd from Table 8. For 2015: 241 gpcd x 0.90 = 217 gpcd. For 2020, 2025, and 2030: 241 gpcd x 0.80 = 193 gpcd. Then multiplied by population in Table 3 and divided by a unit conversion of 892.4 to get AFY target water use. Some values may be rounded.

Table 6 Low-Income Housing Projected Water Demands (AFY)						
	2010	2015	2020	2025	2030	2035
Single Family[1]	42	42	42	42	42	42
Multi-family[2]	176	244	244	244	244	244
Total Water Use	**218**	**286**	**286**	**286**	**286**	**286**

1. In 2010, 83 low-income single family homes. Assume use at 0.5 AF/home (2025 single family home use per connection).

2. In 2010, 606 low-income multi-family units (Paso Robles website, http://www.prcity.com/government/departments/commdev/housing/rentals.asp, 3/16/11). By 2015, 841 units (235 more) (Gallagher, 12/22/10 email). Assume use at 0.29 AFY/unit based on 4,098 multi-family buildout units and a demand of 1,195 AFY.

Table 7 Determination of Base Period (for Senate Bill 7)			
Base	**Parameter**	**Value**	**Units**
10- to 15-year Base Period	2008 total water production	7,891	acre-feet per year
	2008 total volume of delivered recycled water	0	acre-feet per year
	2008 recycled water as a percent of total deliveries	0	percent
	Number of years in base period[1]	10	years
	Year beginning base period range	1999	
	Year ending base period range[2]	2008	

1. The City used a 10-year base period as per SB 7 requirements: If the 2008 recycled water percent is less than 10 percent, then the first base period is a continuous 10-year period. If the amount of recycled water delivered in 2008 is 10 percent or greater, the first base period is a continuous 10- to 15-year period.

2. The ending year must be between December 31, 2004 and December 31, 2010.

Table 8 Base Daily Per Capita Water Use - 10-year Range (for Senate Bill 7)				
Base period year		**Distribution System Population[1]**	**Average Daily Well Production[2] (million gallons per day)**	**Annual Daily per Capita Water Use[2] (gpcd)**
Sequence Year	**Calendar Year**			
Year 1	1999	22,500	5.49	244
Year 2	2000	24,450	5.76	236
Year 3	2001	25,200	6.00	238
Year 4	2002	25,800	6.55	254
Year 5	2003	26,856	6.67	248
Year 6	2004	27,200	6.66	245
Year 7	2005	28,000	6.62	236
Year 8	2006	29,027	6.64	229
Year 9	2007	29,618	7.25	245
Year 10	2008	29,813	7.04	236
			Base Daily Per Capita Water Use[2]	**241**

1. Population data from California Department of Finance for City of Paso Robles.
2. Data from City supplied spreadsheet: Historic GPCD Use (8/4/10).

Table 9 Groundwater - Volume Produced[1] (AFY)						
Basin	**2005**	**2006**	**2007**	**2008**	**2009[2]**	**2010[2]**
Paso Robles Basin	2,856	3,366	4,103	3,819	2,794	2,338
Salinas River Underflow	4,558	4,065	4,023	4,072	3,868	3,988
Total Pumping	**7,414**	**7,431**	**8,126**	**7,891**	**6,662**	**6,326**
% of Total Supply[3]	**7.6%**	**7.6%**	**8.3%**	**8.1%**	**6.8%**	**6.5%**

1. All groundwater produced is metered.
2. Water use in 2009 and 2010 reduced due to City-wide Level 2 mandatory outdoor water use restrictions.
3. Total Supply is defined as the 97,700 AFY perennial yield of the Paso Robles Basin based on the Paso Robles Groundwater Basin Study (Fugro, 2005). The perennial yield value does not differentiate Salinas River underflow from basin groundwater.

Table 10 Groundwater - Volume Projected to be Produced (AFY)					
Basin	**2015**	**2020**	**2025**	**2030**	**2035**
Paso Robles Basin	100	990	3,400	3,400	3,400
Salinas River Underflow	4,450	4,600	4,600	4,600	4,600
Total Pumping	**4,550**	**5,590**	**8,000**	**8,000**	**8,000**
% of Total Supply[1]	**4.7%**	**5.7%**	**8.2%**	**8.2%**	**8.2%**

1. Total Supply is defined as the 97,700 AFY perennial yield of the Paso Robles Basin based on the Paso Robles Groundwater Basin Study (Fugro, 2005). The perennial yield value does not differentiate Salinas River underflow from basin groundwater.

Table 11 Recycled Water - Wastewater Collection and Treatment (AFY)							
Type of Wastewater	**2005[1]**	**2010[2]**	**2015[3]**	**2020[3]**	**2025[4]**	**2030[4]**	**2035[4]**
Wastewater Collected and Treated in Service Area	3,315	3,297	3,830	4,620	5,410	5,410	5,410
Volume that Meets Recycled Standard for Reuse[5]	0	0	0	0	650	650	650

1. 2005 from City Wastewater Division WWTP flow table.

2. 2010 from City Wastewater Division WWTP flow table.

3. 2015 and 2020 assumes average annual flow rate of 0.123 AF/capita (see footnote 4). Values may be rounded.

4. 2025 WWTP buildout average daily flow of 4.84 mgd from *City of Paso Robles Wastewater Treatment Plant Upgrade Facility Plan* (Black and Veatch, July 2009) based on: "the influent design flows are calculated based on a population of 44,000 for 2025 buildout, and anticipated 1,500 population from the California Youth Authority facility, and Templeton Community Services District's contractual sewer average flow of 0.443 mgd." Values may be rounded.
At a population of 44,000, average annual flow will be 0.123 AF/capita (109.8 gpd/capita).

5. Includes direct use for irrigation at existing and new parks, schools, roadway landscaping, and potential deliveries to users outside of the city now pumping groundwater.

Table 12 Recycled Water - Non-Recycled Wastewater Disposal (AFY)							
Method of Disposal	**Treatment Level**	**2010**	**2015**	**2020**	**2025**	**2030**	**2035**
Ponds	**Secondary/Advanced Secondary[1]**	3,297	3,830	4,620	4,760	4,760	4,760
	Total	**3,297**	**3,830**	**4,620**	**4,760**	**4,760**	**4,760**

1. Values from Table 11. Plans call for WWTP to be upgraded to advanced secondary treatment by 2015.

Table 13 Recycled Water - Projected Future Use (AFY)							
Use Type	**Description**	**Feasibility**	**2015**	**2020**	**2025**	**2030**	**2035**
Recycled Water[1]	**See footnote 1**	**Under review**	0	0	650	650	650
		Total	**0**	**0**	**650**	**650**	**650**

1. Values from Table 11. Includes direct use for irrigation at existing and new parks, schools, roadway landscaping, and potential deliveries to users outside of the City now pumping groundwater.

Table 14 Methods to Encourage Recycled Water Use (AFY)					
	Projected Results				
Actions	**2015**	**2020**	**2025**	**2030**	**2035**
Financial Incentives and Public Education[1]	0	0	650	650	650
Total	**0**	**0**	**650**	**650**	**650**

1. Values from Table 11. Includes direct use for irrigation at existing and new parks, schools, roadway landscaping, and potential deliveries to user outside the city now pumping groundwater.

Table 15 Water Supplies Needed to Meet Demands - Current and Projected (AFY)						
Water Supply Sources	**2010[8]**	**2015**	**2020**	**2025**	**2030**	**2035**
Basin Wells[1]	2,338	100	990	3,400	3,400	3,400
River Wells	3,988	4,450	4,600	4,600	4,600	4,600
Nacimiento Water [2, 9]	0	4,000	5,400	5,400	5,400	5,400
Demand Without Potential Conservation[3]	**6,326**	**8,550**	**10,990**	**13,400**	**13,400**	**13,400**
Potential Conservation and Recycled Water Savings						
BMP/DMM Conservation[4]	0	364	1,038	1,617	1,617	1,617
Price Elasticity of Water Rates Conservation[5]	0	616	1,827	1,618	1,618	1,618
Recycled Water (Phase 1 Direct Use)[6]	0	0	0	650	650	650
SB-7 Target Water Demands in acre feet per year (AFY) to Comply with 20% Demand Reductions by 2020[7]	**Not Applicable**	**7,570**	**8,125**	**9,515**	**9,515**	**9,515**
SB-7 Target Water Demands in gallons per capita per day (gpcd)[7]	**Not Applicable**	**217 gpcd**	**193 gpcd**	**193 gpcd**	**193 gpcd**	**193 gpcd**

1. Basin well pumping = Demand without additional conservation - River wells - Nacimiento water. Conservation savings, and future recycled water use will reduce basin well use from amounts shown.

2. Nacimiento use consistent with assumption developed for the City of Paso Robles 2010 Uniform Water Rate Study, Final Report (K/J, 1/25/10). Acquisition of 1,400 AFY of additional Nacimiento water was modeled to occur in FY 21-22; for this table, delivery assumed in 2020 since closer than 2025.

3. 2025 demand of 13,400 AFY based on land use zoning and a population threshold of 44,000.

4. Conservation savings from Appendix B.

5. Estimates for conservation derived from price elasticity impacts of planned water rate increases = Demand without Potential Conservation - SB7 Target Demand - BMP/DMM Conservation - Potential Recycled Water Use].

6. Projected direct use for irrigation at existing and new parks, schools, roadway landscaping, and potentially other users outside of the city.

7. Senate Bill 7 Target Water Use based on 10% reduction of gpcd baseline water use by 2015 and 20% reduction by 2020 multiplied by projected population. (See Table 8 for calculation of baseline use of 241 gpcd)

8. Actual 2010 water use was reduced by approximately 20 percent due to City-wide Level 2 mandatory outdoor water use restrictions.

9. In order to limit reliance on the highly-stressed groundwater basin, new development - per City policy - is required to be served with surface and recycled water.

Table 16 Future Water Supply Projects								
Project Name	**Projected Start Date**	**Projected Completion Date**	**Potential Project Constraints**	**Normal-Year (AF)[1]**	**Single-Dry Year (AF)**	**First Multiple-Dry Year (AF)**	**Second Multiple-Dry Year (AF)**	**Third Multiple-Dry Year (AF)**
Nacimiento	ongoing	2015	Funding Delay	4,000	4,000	4,000	4,000	4,000
Future Nacimiento	unknown	2020	No Funding	1,400	1,400	1,400	1,400	1,400
Recycled	unknown	2025	Funding Delay	650	650	650	650	650

1. Use of Nacimiento and recycled water will provide additional reliability benefits. A Recycled Water Master Plan is currently in development.

Table 17 Basis of Water Year Data	
Water Year Type	**Base Year(s)**
Average Water Year	2006
Single-Dry Water Year	2007
Multiple-Dry Water Years	1987-1990

Table 18 Supply Reliability - Historic Conditions (AFY)					
Average / Normal Water Year (2006)	**Single Dry Water Year (2007)**	**Multiple Dry Water Years**			
		Year 1 (1987)	**Year 2 (1988)**	**Year 3 (1989)**	**Year 4 (1990)**
7,431	7,431	7,431	7,431	7,431	7,431
Percent of Normal	100%	100%	100%	100%	100%
Potential Peaking Problems	Yes	Yes	Yes	Yes	Yes

Table 19 Supply Reliability - Current Water Sources (AFY)				
Water Supply Sources	**Average/ Normal Water Year Supply (2006)**	**Multiple Dry Water Year Supply**		
		2011	**2012**	**2013**
Percolating Groundwater	3,366	3,366	3,366	3,366
Underflow	4,065	4,065	4,065	4,065
Nacimiento[1]	0	0	0	0
Total	**7,431**	**7,431**	**7,431**	**7,431**
Percent of Normal	100%	100%	100%	100%
Potential Peaking Problems	Yes	Yes	Yes	Yes

1. Nacimiento water available after 2015

Table 20 Supply and Demand Comparison - Normal Year (AFY)					
	2015[1]	2020[2]	2025[2]	2030	2035
Supply Totals	8,550	10,990	13,400	13,400	13,400
Demand Totals (with potential conservation)	7,570	8,125	9,515	9,515	9,515
Difference (Supply-Demand)	980	2,865	3,885	3,885	3,885
Difference as % of Supply	11%	26%	29%	29%	29%
Difference as % of Demand	13%	35%	41%	41%	41%

Demand totals include additional potential conservation and recycling savings to meet SB 7 target demands (Tables 5 and 15)
1. 4,000 AFY of Nacimiento water projected to become available (Table 16)
2. 1,400 AFY of additional Nacimiento water projected to become available in 2020 and 650 AFY of projected recycled water use by 2025 (Table 16)

Table 21 Supply and Demand Comparison - Single Dry Year (AFY)					
	2015[1]	2020[2]	2025[2]	2030	2035
Supply Totals	8,550	10,990	13,400	13,400	13,400
Demand Totals (with potential conservation)	7,570	8,125	9,515	9,515	9,515
Difference (Supply-Demand)	980	2,865	3,885	3,885	3,885
Difference as % of Supply	11%	26%	29%	29%	29%
Difference as % of Demand	13%	35%	41%	41%	41%

Demand totals include additional potential conservation and recycling savings to meet SB 7 target demands (Tables 5 and 15)
1. 4,000 AFY of Nacimiento water projected to become available (Table 16)
2. 1,400 AFY of additional Nacimiento water projected to become available in 2020 and 650 AFY of projected recycled water use by 2025 (Table 16)

Table 22 Supply and Demand Comparison — Multiple Dry-Year Events (AFY)						
		2015[1]	2020[2]	2025[2]	2030	2035
Multiple-Dry Year First Year Supply	Supply Totals	8,550	10,990	13,400	13,400	13,400
	Demand Totals (with potential conservation)	7,570	8,125	9,515	9,515	9,515
	Difference	980	2,865	3,885	3,885	3,885
	Difference as % of Supply	11%	26%	29%	29%	29%
	Difference as % of Demand	13%	35%	41%	41%	41%
Multiple-Dry Year Second Year Supply	Supply Totals	8,550	10,990	13,400	13,400	13,400
	Demand Totals (with potential conservation)	7,570	8,125	9,515	9,515	9,515
	Difference	980	2,865	3,885	3,885	3,885
	Difference as % of Supply	11%	26%	29%	29%	29%
	Difference as % of Demand	13%	35%	41%	41%	41%
Multiple-Dry Year Third Year Supply	Supply Totals	8,550	10,990	13,400	13,400	13,400
	Demand Totals (with potential conservation)	7,570	8,125	9,515	9,515	9,515
	Difference	980	2,865	3,885	3,885	3,885
	Difference as % of Supply	11%	26%	29%	29%	29%
	Difference as % of Demand	13%	35%	41%	41%	41%

Demand totals include additional potential conservation and recycling savings to meet target demands (Tables 5 and 15)
1. 4,000 AFY of Nacimiento water projected to become available (Table 16)
2. 1,400 AFY of additional Nacimiento water projected to become available in 2020 and 650 AFY of projected recycled water use by 2025 (Table 16)

Table 23 Factors Resulting in Inconsistency of Supply				
Water Supply Source	**Legal**	**Environmental**	**Water Quality**	**Climatic**
Basin Groundwater	Potential basin adjudication	Potential overdraft, earthquake damage, power outage	Potential contamination	Long-term severe drought
Underflow Groundwater	Loss or reduction of water rights	Earthquake damage, power outage	Potential contamination	Long-term severe drought
Nacimiento Water	None anticipated	Earthquake damage	Potential contamination	Long-term severe drought
Recycled Water	Future restrictions on use and quality	Earthquake damage	Potential salt loading in basin	None anticipated

Table 24 Water Quality - Current and Projected Water Supply Impacts (AFY)							
Water Source	**Description of Condition**	**2010**	**2015[1]**	**2020[2]**	**2025[2]**	**2030**	**2035**
Groundwater	Good	0	0	0	0	0	0
Nacimiento	Good	Not applicable	0	0	0	0	0
Recycled	Will meet requirements	Not applicable	Not applicable	Not applicable	0	0	0

1. 4,000 AFY of Nacimiento water projected to become available (Table 16)

2. 1,400 AFY of additional Nacimiento water projected to become available in 2020 and 650 AFY of projected recycled water use by 2025 (Table 16)

Table 25 Water Shortage Contingency Rationing Stages to Address Water Supply Shortages		
Stage No.	**Water Use Reductions/Rationing**	**Percent Shortage**
1	Voluntary 10% reduction	10%
2	Mandatory 20% reduction	20%
3	Mandatory 30% reduction	30%
4	Mandatory 50% reduction	50%

Table 26 Preparation Actions for a Catastrophe	
Possible Catastrophe	**Summary of Actions**
Regional Power Outage	Backup generator
Earthquake	Initiate Ordinance No. 956 N.S. (Water Conservation and Water Shortage Contingency Plan)
Water Quality Impact	Minimized by initiation of DWSAP, response similar to earthquake
System Failure	Response similar to earthquake

Table 27 Water Shortage Contingency Consumption Reduction Methods		
Consumption Reduction Methods	**Stage When Method Takes Effect**	**Projected Reduction (percent)**
Incentives to reduce water consumption	1	10
Education and outreach program	1	10
Voluntary rationing	1	10
Mandatory rationing	2 through 4	20 to 50
Use prohibitions	1 through 4	10 to 50
Water allocations per customer	2 through 4	20 to 50
Restrict for only priority uses	4	50

Table 28 Water Shortage Contingency Mandatory Prohibitions	
Examples of Prohibitions	**Stage When Prohibition Becomes Mandatory**
Irrigation restrictions	2
Uncorrected plumbing leaks	3
Construction water uses	3
Washing cars	3
Street and sidewalk cleaning	4
Residential pond and spa filling	4

Table 29 Water Shortage Contingency - Penalties and Charges	
Penalties or Charges	**Stage When Penalty Takes Effect**
Fines or penalty surcharges	2 to 4
Installation of flow-restricting device	2 to 4

Table 30 Water Shortage Contingency Actions and Conditions that Impact Revenues	
Type	**Anticipated Revenue Reduction**
Reduced Sales/Income[1]	$270,000 to $540,000

1. 10% or 20% of the 2004 water revenue of $2.7 million from Boyle (July 2005)

Table 31 Water Shortage Contingency Actions and Conditions that Impact Expenditures	
Category	**Anticipated Cost**
Increase Staff Cost	0
Increased O&M Cost	0
Increased Cost of Supply and Treatment	0

Table 32 Water Shortage Contingency Proposed Measures to Overcome Revenue Impacts	
Names of Measure	**Summary of Effects**
Use of Reserves	Short-term use
Rate Adjustment	For severe situations

Table 33 Water Shortage Contingency Water Use Monitoring Mechanisms	
Mechanism for Determining Actual Reductions	**Type data expected**
Monitoring Production	Weekly volumes
Monitoring Distribution	Weekly volumes
Increased Select Meter Reading	Weekly volumes
Monitoring WWTP Inflow	Weekly volumes

Table 34 DMM Implementation Summary		
DMM	**Schedule**	**Progress since 2005**
Utility Operations Programs		
DMM 12. Conservation Coordinator	Ongoing	Yes
DMM 13. Water Waste Prohibition	Ongoing	Yes
DMM 10. Wholesale Agency Programs	Not applicable	Not applicable
DMM 3. System Water Audits	Ongoing	Yes
DMM 4. Metering with Commodity Rates	Ongoing	Yes
DMM 11. Conservation Pricing	Ongoing	Yes
Education Programs		
DMM 7. Public Information Programs	Ongoing	Yes
DMM 8. School Education Programs	Ongoing	Yes
Residential Measures		
DMM 1. Water Survey Programs	Ongoing	Yes
DMM 2. Residential Plumbing Retrofits	Ongoing	Yes
DMM 6. High Efficiency Washing Machines	Under review	No
DMM 14. Ultra-Low-Flush Toilets	Ongoing	Yes
Water Sense Specifications	Ongoing	Yes
Commercial, Industrial, and Institutional		
DMM 9. Conservation of CII	Ongoing	Partial
Landscape		
DMM 5. Large Landscape Programs	2012-2013	No

Appendix A

Resolution Adopting the Urban Water Management Plan and Proof of Public Hearing

RESOLUTION NO. 11-081

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF EL PASO DE ROBLES ADOPTING THE 2010 URBAN WATER MANAGEMENT PLAN

WHEREAS, the California Urban Water Management Planning Act ("Act") (California Water Code Sections 10620 et seq.) requires every urban water supplier providing municipal water directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually to develop an Urban Water Management Plan; and

WHEREAS, the Act requires that an urban water management plan be updated every five years; and

WHEREAS, the City of Paso Robles last updated its Urban Water Management Plan in 2005; and

WHEREAS, a Public Draft 2010 Urban Water Management Plan has been circulated for public review and all comments received have been reviewed and considered; and a properly noticed public hearing was held by the City Council on June 21, 2011, prior to adoption of a Final Urban Water Management Plan, all in compliance with the requirements of the Act; and

THEREFORE, BE IT RESOLVED AS FOLLOWS:

1. The Urban Water Management Plan is hereby adopted and ordered filed with the City Clerk.
2. The Water Resources Manager is hereby authorized and directed to file this Plan with the California Department of Water Resources;

Passed and adopted this 21st Day of June, 2011 by the following vote:

AYES: Steinbeck, Gilman, Picanco
NOES:
ABSTAIN:
ABSENT: Strong, Hamon

Duane Picanco, Mayor

ATTEST:

Caryn Jackson, Deputy City Clerk

THE TRIBUNE
Newspaper of the Central Coast

3825 South Higuera • Post Office Box 112 • San Luis Obispo, California 93406-0112 • (805) 781-7800

In The Superior Court of The State of California
In and for the County of San Luis Obispo
AFFIDAVIT OF PUBLICATION

AD #6943461
CITY OF PASO ROBLES
PUBLIC WORKS

STATE OF CALIFORNIA
ss.
County of San Luis Obispo

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen and not interested in the above entitled matter; I am now, and at all times embraced in the publication herein mentioned was, the principal clerk of the printers and publishers of THE TRIBUNE, a newspaper of general Circulation, printed and published daily at the City of San Luis Obispo in the above named county and state; that notice at which the annexed clippings is a true copy, was published in the above-named newspaper and not in any supplement thereof – on the following dates to wit; MAY 25; JUNE 1, 2011 that said newspaper was duly and regularly ascertained and established a newspaper of general circulation by Decree entered in the Superior Court of San Luis Obispo County, State of California, on June 9, 1952, Case #19139 under the Government Code of the State of California.

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Janet E. Durand
(Signature of Principal Clerk)
DATED: JUNE 1, 2011
AD COST: $166.46

CITY OF EL PASO DE ROBLES
PUBLIC NOTICE

NOTICE OF PUBLIC HEARING OF THE CITY COUNCIL OF THE CITY OF EL PASO DE ROBLES ON THE PROPOSED 2010 URBAN WATER MANAGEMENT PLAN

NOTICE IS HEREBY GIVEN that the City Council of the City of El Paso de Robles (the "City Council") will hold a public hearing on Tuesday, June 21, 2011 at 7:30 p.m. at City Hall located at 1000 Spring Street, Paso Robles, California, to consider and act upon the proposed 2010 Urban Water Management Plan. (the "PLAN")

The hearing will address the following topics under the proposed water management plan:

- Water supply and demand for the City
- Water demand management measures
- Water shortage contingency plan

Copies of the PLAN are available for public review and inspection at the Paso Robles Library, 1000 Spring Street, Paso Robles. It is also available on-line at www.pasowater.com.

Interested persons may submit written comments addressed to Christopher Alakel, Water Resources Manager of the City of Paso Robles, 1000 Spring Street, Paso Robles, Ca, 93446 prior to 5 p.m. on June 17, 2011.

At the time and place noted above, all persons interested in the above matters may appear and be heard.

May 25, June 1, 2011 6943461

CITY OF EL PASO DE ROBLES

"The Pass of the Oaks"

April 22, 2011

Mr. Paavo Ogren
Public Works Director
San Luis Obispo County
919 Palm Street
San Luis Obispo, CA 93401

Re: City of Paso Robles Draft 2010 Urban Water Management Plan
Available for Review

This letter is to notify your organization that the City of Paso Robles has updated its Urban Water Management Plan. A public draft of the 2010 City of Paso Robles Urban Water Management Plan is available for review and comment. The plan is available at the City of Paso Robles Library at 1000 Spring Street, Paso Robles, or the plan can be viewed and downloaded from the City of Paso Robles website at pasowater.com.

Written comments on the plan will be received until 5:00 p.m., June 21, 2011, and may be addressed to Christopher Alakel, Water Resources Manager, 1000 Spring Street, Paso Robles, CA 93446.

Sincerely,

Christopher Alakel
Water Manager

cc: File

CITY OF EL PASO DE ROBLES

"The Pass of the Oaks"

July 15, 2011

California State Library
Government Publications Section
P.O. Box 94237-0001
Sacramento, CA 94237-0001
Attention: Coordinator, Urban Water Management Plans

To Whom it May Concern:

The City of Paso Robles is pleased to provide for your collection the City of Paso Robles 2010 Urban Water Management Plan.

Sincerely,

Christopher Alakel, P.E.
Water Resources Manager
City of Paso Robles

cc: File

CITY OF EL PASO DE ROBLES

"The Pass of the Oaks"

July 15, 2011

Mr. Paavo Ogren
Public Works Director
San Luis Obispo County
919 Palm Street
San Luis Obispo, CA 93401

Dear Mr. Ogren:

The City of Paso Robles is pleased to provide San Luis Obispo County with a copy of the City of Paso Robles 2010 Urban Water Management Plan. An electronic copy of the plan may be downloaded from pasowater.com.

Sincerely,

Christopher Alakel, P.E.
Water Resources Manager
City of Paso Robles

Enclosure
cc: File

Appendix B

Implementation Plan for Water Conservation Best Management Practices

City of Paso Robles

Implementation Plan for Water Conservation Best Management Practices

Conservation Plan Objectives

The overall objective of the City's conservation program is to achieve approximately a 10 percent reduction in total per capita water use by the year 2020. Additionally, programs outlined in this plan are designed to comply with the California Urban Water Conservation Council's (CUWCC) Memorandum of Understanding (MOU), signed by the City in 2010.

SB 7 – 7 requires that cities achieve a 20 percent reduction in total per capita water use by the year 2020. The remaining 10 percent of demand reduction needed to achieve a 20 percent reduction in demand by 2020 is projected to be the result of price elasticity conservation impacts of planned water rate increases over the 2011-2015 period. Increases in average monthly water bills will also encourage people to participate in incentive programs as well as induce customer behavioral changes.

To calculate progress toward the state-mandated reduction of 10 percent by 2015, and 20 percent by 2020, the pre-conservation baseline per capita water use is assumed to 241 gpcd, based on the 10-year average from 1999-2008. Table 1 below shows annual gpcd use rates from 1990 through 2009.

Table 1
Paso Robles Total per Capita Water Use

Year	Average Day Production (MGD)	Population	Total GPCD Use
1990	4.28	18,583	230
1991	4.07	19,750	206
1992	4.20	20,050	209
1993	no data	20,300	no data
1994	4.41	20,400	216
1995	4.63	20,900	222
1996	4.91	21,450	229
1997	5.24	21,650	242
1998	4.63	22,050	210
1999	5.49	22,500	244
2000	5.76	24,450	236
2001	6.00	25,200	238
2002	6.55	25,800	254
2003	6.67	26,856	248
2004	6.66	27,200	245
2005	6.62	28,000	236
2006	6.64	29,027	229
2007	7.25	29,618	245
2008	7.04	29,813	236
2009	5.95	29,950	199

This baseline reflects water use rates prior to mandatory outdoor water use restrictions being implemented in 2009. In order to be in compliance with SB 7, a 10 percent reduction to 217 gpcd would be required by 2015, and a 20 reduction to 193 gpcd by 2020. Estimated water use reductions for individual programs are expressed in this plan in terms of acre-foot per year savings from total annual projected baseline water use for 2015, 2020, and 2025 (or when buildout occurs).

Projected baseline annual demand without conservation is as follows:

2015 – 8776 af/yr
2020 – 10,939 af/yr
2025 – 12,800 af/yr (buildout)

The 2015 and 2020 demands are based on the projected 12,800 af/yr at buildout demand (Baseline demand - Alternative 3, Urban Water Management Plan), phased in from the current demand level of 7,770 af/yr (pre-mandatory conservation). The phase-in is based on the projected percentage of buildout housing units added by 2015 and 2020 (20 % and 63% respectively; source: Kennedy/Jenks Water Rate Study projections, 2009).

Customer Outreach Program

Customer outreach efforts are the cornerstone of the conservation program. Outreach activities provide critical support for the other programs discussed in this plan. As a support activity, no direct water savings are attributed to the program. However, the annual outreach budget of $60,000 per year indicates the importance of having a wide-ranging approach to communicating the need for conservation and how customers can reduce water use through participating in the water conservation programs available in Paso Robles. Outreach efforts include the following:

- Printing and purchases of pre-printed flyers and brochures
- Printing and mailing of materials supporting the mandatory summer peak demand management program.
- Printing and distribution of water bill stuffers and newsletters
- Graphic design costs
- Banners and signage
- Radio and Television advertising
- Workshop costs, video production
- Print advertising (newspapers, magazines)
- Event sponsorship
- California Urban Water Conservation Coalition (CUWCC) membership dues

Projected Water Savings (Benefits) and Costs by Program

Table 2 below lists projected program savings (af/yr) for each existing and potential program element, and the estimated savings (af/yr) and percentage reduction from baseline demand for the years 2015, 2020, and 2025. Estimated savings for existing incentive programs and existing and potential ordinances are based on an assumed number of participants per year or the number of residential units impacted by ordinances per year. Program assumptions and savings calculations are described below. The total conservation program budget, exclusive of full-time staff costs, is $153,000/yr.

Table 2
Projected Conservation Program Savings (af/yr)

Existing Programs (with current funding)	**2015 Savings**	**2020 Savings**	**Buildout 2025 Savings**
Toilet Rebate (BMP 14) @ 150/yr	29.5	59	88.5
Landscape Rebate @ 84/yr	28.8	57	85.5
Residential Audits (BMP1,2) @ 130/yr	17	34	51
2014 HET Toilet State Code	3.9	32.1	66
Landscape Ordinance	47.8	274.5	548.4
Savings Subtotal	127.0	456.6	839.4
Baseline Demand Projection (1)	8,776	10,939	12,800
% reduction from baseline demand	1.4%	4.2%	6.6%
New Programs required by CUWCC, (limited current funding available for CII incentives, and part-time staff only)	**2015 Savings**	**2020 Savings**	**Buildout 2025 Savings**
Et Budgets, CII Landscape (BMP 5)			
CII (BMP (9) (assume 10% red. by 2020)			
Note: Assumes 10% red. From CII by 2020 per CUWCC Req.	133.1	371.7	462.5
Savings Subtotal (Existing + New)	260.1	828.3	1,301.9
% Reduction from baseline demand (existing + new)	3.0%	7.6%	10.2%
Potential New Programs (currently unfunded)	**2015 Savings**	**2020 Savings**	**2025 Savings**
Clothes Washer Rebate (BMP 6)	9.2	20.7	32.2
Retrofit on Resale Ordinance	55.0	110.0	165.0
Fund up to 200 landscape rebates/yr	39.7	78.7	118.0
Savings Subtotal (Exist. + New + Pot.)	364.0	1,037.7	1,617.1
% reduction from baseline demand	4.1%	9.5%	12.6%

Notes:

Calculation of Landscape Ordinance Savings	**2015**	**2020**	**2025**
New Single Family Units	762	2019	3799
New Multi-family Units	245	780	1309
Additional Comm./Ind Demand (AF/YR)	0	591	1275
Projected Savings (SF + MF)	47.8	132.7	242.4
Projected Savings (New Comm/Ind.)	0	141.8	306.0
Total Landscape Ord. Savings (AF/YR)	47.8	274.5	548.4
	2015	**2020**	**2025**
Total Estimated CII Demand (Non-res demand) no conservation (AF/YR) (2)	2662	3717	4625
(based on zoning-based demand projection)			

(1) Based on the % of new housing units projected by 2015, and 2020, applied to the buildout zoning-based demand (no conservation)
(2) Based on the % of buildout housing units added by 2015, and 2020

Conservation Programs and Projected Water Savings (Benefits) and Costs

Existing Programs (as of August, 2010)

Each existing program element is described, including projected water savings and program direct costs. Staffing, administrative, and marketing costs for the incentive programs are discussed in a separate section. It is assumed that vehicles for full and part-time staff are provided from existing city rolling stock.

1) HET Toilet Rebate Program (BMP 14)

Program Description: This voluntary program, begun in February, 2010, provides a rebate of $125 per toilet for installation of HET Toilets (1.28 gpf) or dual flush toilets replacing 3.5 gpf (or higher) models. CUWCC requires that cities achieve as many toilet installations each year as would a retrofit-on-resale ordinance. There are approximately 5,900 pre-1992 single family homes in Paso Robles. A review of single family home sales records for pre-1992 homes in Paso Robles from 2004-2008 indicates the average annual sales of these homes were 212 per year. At this sales rate, it would take approximately 25 years to retrofit all pre-1992 homes through a retrofit-on-resale ordinance. However, currently the number of home sales is significantly less due to the slow economy. Based on participation rates in the first four months of the voluntary program (during which 30 rebates were issued), achieving 200+ toilet rebates annually on a voluntary basis will be difficult to achieve in the near-term. Based on the current rate of participation, it is assumed that 100 toilets per year could be achieved. Increased marketing efforts will be made to increase participation, and voluntary participation may increase over the next five years as water rates increase, particularly if the economy rebounds and more home remodeling occurs. Projected water savings and program costs are therefore projected at an average of 150 rebates per year. Increased participation through a retrofit-on-resale ordinance is discussed below under potential new programs.

Projected Water Savings – The projected water savings for each year the voluntary program is in place is 5.9 af/yr (12,800 gal/yr/toilet X 150 toilets) = 1,920,000 gal/yr

Annual Program Costs - $18,750/yr (150 rebates x $125)

2) Water Sense Specifications (WSS) for Residential Development

Program Description: In 2014, a new state law will require 1.28 gal/flush toilets in all new residential and commercial construction. This is a no-cost program for the City that will reduce per capita consumption in future development. In addition, the California Green Building Standards Code (Title 24, Part II) , effective January 1, 2011 , now requires fixtures in new development to meet Water Sense specifications. Paso Robles adopted this code in late 2010.

Projected Water Savings - Assume 4.32 gpd savings per residential unit going from a 1.6 gpf toilet to a 1.28 gpf model (5 flushes X 2.7 pph x 365 days x 0.32 gal/flush). Assume by 2025 buildout, approximately 5,054 new housing units will be constructed according to this requirement based on 16,287 total housing units). Water savings for each of the planning years are estimated by backing into the proportional savings for the planning years as development occurs.

Annual Program Costs - No additional water conservation program costs.

2015 – 299 new units, savings = 3.9 af/yr
2020 – 2457 new units, savings = 32.1 af/yr
2025 – 5054 new units, savings = 66.0 af/yr

3) Landscape Rebate (Turf buy-back) Program (Not a CUWCC program)

Program Description: There is no CUWCC requirement for this incentive program. However, the turf rebate program, initiated in 2010, is an effective way of incentivising customers to replace turf lawns with drought-tolerant Mediterranean landscapes on drip irrigation. This program is also effective in reducing peak summer water use. A $0.50 per square foot rebated is provided to residential or non-residential customers for turf converted to drought-tolerant landscaping, to a maximum of $500. The current rebate budget is $50,000 per year, less the projected toilet rebate spending of $18,750/yr., leaving $31,250 available for turf rebates. It is assumed, based on the program results to date, that the average square footage and rebate provided will be 740 square feet and $370 respectively. At this level of turf replacement, 84 rebates per year could be funded.

Projected Water Savings - For each rebate provided, assume water use on 740 sq. ft. (0.017 acres) will be reduced from 5 af/ac to 1 af/ac, for an annual savings of 22,000 gal/home/yr. Total annual savings for 84 rebates/yr = 5.7 af/yr for each year the program is in place.

Annual Program Cost: Annual program costs are $31,250 (84 participants X $370 avg.)

4) Home Water Survey Program (Residential Audits) (BMPs 1,2)

Paso Robles implemented a home water survey program in February, 2010. This voluntary program provides a free in-home survey primarily to residential customers, though it is available to commercial customers as well. During the first ten months of the program in 2010, approximately 140 residential audits were completed. The program was marketed with bill inserts and bill messages, web-based advertising, direct mail, and paid advertising.

The CUWCC memorandum requires that cities perform audits on 1.5 percent of single-family residential customers each year to meet a target of 15 percent of customers within 10 years. The current single family customer count of approximately 8,700 homes would require surveys to be performed on 130 homes per year. Higher water rates planned for phased-in over the 2011-2015 period are expected to help increase customer participation to maintain this level of participation. Increased marketing efforts, including direct mail and phone follow-up to targeted customers, and paid advertising, will also help maintain customer participation levels.

Projected Water Savings – Estimated savings of 8,500 gal./yr/acct. (based on CUWCC guidelines and other industry studies) X 130 accounts/yr = 3.4 ac/yr each year the program is in place .

Annual Program Costs:

- Materials - $15 per account x 130 accounts (for showerheads, faucet aerators, toilet flappers, shower coaches, and literature) = $1,950 per year.
- Marketing - $5,000 per year for direct mail, bill inserts, and print ads (included in Outreach budget of $60,000 per year).
- $20,000 per year in survey/audit staffing cost ($21/hr loaded cost x 952 hours)

5) Paso Robles Water Efficient Landscape Ordinance (Existing) (Not a CUWCC BMP, though required by state law)

The City's water-efficient landscape ordinance, enacted in December 2009, largely mirrors the state's model landscape ordinance, but differs in some respects. In addition to landscape design requirements and water budgets for large landscapes, water conservation savings will also come from restrictions on the amount of turf landscaping in new development. Turf in new residential and commercial development is limited to the following:

- Single Family Residential – front yard limited to 25% of landscaped area
- Multi-family residential limited to 20% of landscaped area
- Non-residential development limited to 10% of landscaped area

Projected Water Savings - (See Appendix 1 for detailed savings calculations and assumptions)

- Estimated savings per new single family residential unit - 15,640 gal/yr/home.
- Multi-family residential per unit water use assumed is projected to be reduced by 17 percent, or 14,938 gal./housing unit.
- Commercial/industrial account savings were estimated at 24 percent of total commercial/industrial sector use, at 24 percent.
- Total estimated savings calculations for projection years are shown in notes on Table 2.

CUWCC BMP Programs Planned for Phased Implementation

6) CII Programs (Commercial/Industrial/Institutional)
(ET-based budgets for CII Landscapes (formerly BMP 5) and CII Interior Programs)

6a) Landscape Programs

Accounts with Dedicated Irrigation Meters - CII landscape programs, as defined by CUWCC, require that Eto-based water budgets be developed and assigned to CII customers. For accounts with dedicated irrigation meters (such as parks, schools, landscape medians, and residential common areas), water budgets for at least 9 percent of accounts must be developed each year. Over a ten-year period, 90 percent of accounts in this category must receive this assistance. As of 2011, the City lacks sufficient staff to implement this program. This section describes an implementation plan for meeting this BMP.

The strategy to be used in implementing water budgets for dedicated irrigation meters will be to first target parks (10 parks total) and schools that have dedicated meters (12 schools total, many of which may have dedicated meters). There are also approximately 100 Landscape and Lighting (L and L) irrigation meters that supply water to landscape parkways. Multiple L and L meters may serve one stretch of roadway and could be combined into one account for the purpose of doing landscape budgets. Parkways will be prioritized for water budgets based on the highest summertime water use. Assuming a total of approximately 100 dedicated meters, 9 water budgets per year would need to be prepared. CUWCC requires that accounts receiving water budgets be notified through the monthly bill of their water use in relation to the annual budget.

Water audits can be performed through a combination of using the Cachuma Resource Conservation District Mobil Irrigation Lab service and part-time staff. The Cachuma RCD Mobile Lab provides a no-cost service that tests irrigation system uniformity, identifies potential

improvements to irrigation systems, and develops water budgets for the facility. Part-time City staff (less than ½ time), is budgeted and available on a limited basis to conduct landscape surveys and develop water budgets for CII users. A start at this program can be made in late 2010, focusing on parks and school sites initially.

Projected Water Savings – The projected water savings for this program are discussed below in combination with the savings associated with CII Retrofit programs.

Annual Program Costs – An additional full-time Conservation Assistant postion will be required to implement this program. The estimated annual cost of this position in $75,000, including benefits.
Mixed-Use Landscape Meters - For CII accounts with mixed-use meters, a strategy will be developed to target and market large landscape water use surveys. The CUWCC performance standard is that water use surveys must be completed for 1.5 percent of all CII mixed-use accounts. This would require that landscape water use surveys be completed for approximately 10 accounts per year of the 700 commercial meters currently served.

6b) CII Interior Retrofit Programs (formerly BMP 9)

The CUWCC Best Management Practices strategy for CII interior use is to implement retrofit measures from a list of measures with well-documented water savings. These measures may include but are not limited to industrial process water use reduction, industrial laundry retrofits, car wash recycling systems, and water-efficient commercial dishwashers. Other items on the CII demonstrated Savings Measure List are:

- HET Toilets (commercial customers are currently eligible for up to 2 toilets rebates per account)
- High-Efficiency Urinals, Ultra-Low Volume Urinals, and Zero consumption urinals.
- Commercial High-Efficiency- Single Load Clothes Washers
- Cooling Tower Conductivity Controllers
- Cooling Tower Ph Controllers
- Medical Equipment Steam Sterilizers
- Water-Efficient Ice Machines
- Pressurized Water Brooms
- Dry Vacuum Pumps

A rebate program to encourage the installation of these items by commercial customers is recommended. An annual pool of rebate money would be made available for the above fixtures and technologies. The program would be marketed to all commercial accounts on a twice-a-year basis using direct mail to facility managers. Rebate applications would be evaluated on a case-by-case basis based on estimated water savings and cost factors.

Projected Water Savings – Projecting water savings from the CII program is difficult. The overall CUWCC Memorandum target savings for CII landscape and interior programs combined is a 10 percent reduction from projected pre-conservation non-residential demand, achieved by 2020 (CUWCC requirement). For this plan, it is assumed savings will be phased-in and achieve a 5% reduction in CII demand by 2015 and a 10 % reduction by 2020. However, meeting this target will require the addition of a full-time staff person for conducting large turf and commercial facility audits, and funding for a CII incentive program. Additional duties of full-time staff would include commercial and residential rebate processing, residential water surveys,

and record keeping. Water savings calculations in Table 2 are based on the percentage reduction from overall CII baseline demands for the projection years shown on Table 2.

Annual Program Costs - Annual costs for this program will be developed in 2012-13, after new water rates are implemented. Estimated program implementation date is calendar year 2013.

7) High-Efficiency Clothes Washer Rebate (formerly CUWCC BMP 6)

This is a required element by CUWCC that is currently not funded. However, PG&E currently provides a rebate of $50 per high efficiency washer purchased. The City's conservation website currently directs customers with a direct link to the PG&E website. Washer models must meet the following qualifications to qualify for the PG&E rebate:

- Clothes washer must be a **Consortium for Energy Efficiency (CEE) Tier 3 model** only.
- Clothes washer must have a Modified Energy Factor (MEF) of 2.2 or greater.
- Clothes washer must have a Water Factor (WF) of 4.5 or less.

CUWCC requires that cities also provide rebates for washing machines that meet an average water factor value of 5.0 or less, or the EPA Watersense value if it is less than 5.0.

Program Assumptions: Assume 5,086 gal/yr. savings per rebate (per CUWCC data) and 150 participants per year, based on rebate of $100 per appliance. This program will be marketed with bill inserts, web-based marketing, and paid advertising.

Projected Water Savings - 2.3 af/yr. for each year the program is in place

Annual Program Cost: $15,000/yr. (150 x $100 rebate, currently unfunded)

7) Retrofit-on-Resale Ordinance (Not a CUWCC BMP)

Many cities in southern and northern California now require the retrofit upon resale of homes that do not have 1.6 gallon/flush toilets, low-flow showerheads, and faucet aerators. On the Central Coast, San Luis Obispo, Arroyo Grande, and several south County areas (Los Osos and Nipomo) have retrofit-on-resale ordinances in place. Such an ordinance would apply to approximately 5,900 pre-1994 single family homes in Paso Robles (or a high percentage of these homes that have not been remodeled since 1994), and approximately 2,360 multi-family units.

A review of single family home sales records for existing pre-1992 homes in Paso Robles from 2004-2008, indicates an average annual sales of 212 pre-1992 homes. At this rate, it would take approximately 25 years to retrofit all pre-1992 homes through a retrofit-on-resale ordinance. If implemented, sellers of homes would be required to provide a form to the City stating toilets, showerheads, and aerators, meet low-flow standards. When the buyer applies for a new water service, Water Division staff, at the time of service turn-on, would inspect the fixtures for compliance with requirements. Although the ordinance would require that 1.6 gallon toilets are in-place, the water savings calculated for the ordinance assumes sellers would take advantage of the City's rebate program and install 1.28 gallon toilets. It is assumed the City would increase the budget for the toilet rebate program to provide toilet rebates for the homes and businesses required to be retrofitted each year.

Projected Water Savings

Single Family Homes - Assume a total of 200 pre-1992 single family homes are sold each year and are subject to the ordinance. Assume 20 (10 percent) of these homes have already been retrofitted, or will have been recently been retrofitted through the voluntary program. Assume the remaining 180 homes per year are retrofitted through implementation of the ordinance. Water Savings = 15,653 gal./home/yr, based on replacement of a 4 gallon avg. with a 1.28 gal/flush model and additional savings of 2.9 gpcd for shower and aerator savings. Total savings = 180 homes X 15,653 gallons = 8.6 af/yr for each year program is in place.

Multi-family Units - Assume a total of 50 pre-1994 multi-family units are sold each year) that must retrofit (2% of the total units. Savings = 50 x 15,653 gallons/yr = 2.4 af/yr for each year the program is in place.

Total water savings for Single and Multi-family units = 11.0 af/yr for each year program is in place.

Annual Program Cost

To provide up to 2 toilet rebates for all single family and multi-family residential units projected annually to be retrofitted per the ordinance would require $57,500 (230 housing units x 2 toilets = 460 toilet rebates X $125 per toilet). This funding would be in addition to the $18,750 budget currently budgeted for voluntary toilet retrofits.

Water Conservation Program Summary

The total projected annual water savings and annual cost for each conservation program are shown in Table 2. These estimated savings are independent of water use reductions related to price elasticity effects of planned water rate increases. The future impact on customer water use of planned rate increases is difficult to project with a high degree of accuracy at this time. However, using an average price elasticity factor of 0.2 applied to the projected year-five rate increase of 62 percent for the average single family residential user (13 units monthly average), yields an average price-induced decrease in water use of approximately 12 percent by 2015.

If estimated price-induced conservation savings are added to the projected year 2020 savings of 9.5% for BMP programs and non-BMP programs (includes current and additional programs) it is projected that total savings will meet the SB 7 target of a 20 % decrease in overall per capita water use by the year 2020. If price induced savings are greater than the estimated 12 percent, additional conservation programs beyond those currently budgeted may not be needed to reach the 20 percent conservation target. Conservation program needs will be re-evaluated in future years after the conservation impacts of rate increases are better understood, as well as the upward pressure on customer water use from the discontinuation of mandatory summertime irrigation restrictions after the Lake Nacimiento water supply is brought on-line (projected in 2013).

Appendix 1
Landscape Ordinance Water Savings

MEMORANDUM

TO: **File**
FROM: **Keith Larson, Water Conservation Manager**
SUBJECT: **Paso Robles Landscape Ordinance – Calculated Water Savings in New Development versus Pre-Ordinance Development**
DATE: **December 1, 2009**

The state's model water efficient landscape ordinance does not specify the level of water use reduction the ordinance is expected to achieve. In developing the City's landscape ordinance approach, a target reduction of 20 percent was chosen (new development versus pre-ordinance development). This target aligns with the City and state goal of achieving an overall per capita water use reduction of 20 percent by the year 2020. The ordinance's limitations on turf in new development are the primary mechanism for achieving these reductions. The ordinance requirements will complement the conservation impact of the City's continuing outreach and education on efficient irrigation practices, use of climate-appropriate landscape, and the future conservation impact of water rates.

Water Use Savings Summary

Irrigation savings were estimated for each major water use sector using 2008 use as a baseline. The percentage savings was calculated based on assumptions regarding the percentage of turf versus low-water-use landscaping in existing (pre-ordinance) development, and the percentage following ordinance implementation. Irrigation water use savings from turf area reduction was expressed as a percentage for each water use sector. Then those savings were expressed as a percentage of total water use for the sector. Finally, savings for each sector are expressed as a percentage of annual total City water usage and totaled. The total projected water savings in new development, versus the same development without the turf limitations is 19 percent. The projected savings is distributed among water use sectors as follows:

Sector	Outdoor Use Savings	Total Savings Within Sector	Sector Contribution to Reduction in New Development Use
Single Fam. Res.	17.9%	9.6%	5.6%
Multi-Family Res.	57.0%	17.0%	1.6%
Landscape/Lighting	76.0%	76.0%	9.4%
Commercial/Ind.	59.0%	24.0%	4.0%
Total			20.6%

Additional savings will occur from: 1) improvements in irrigation efficiency on new landscapes 1 acre and larger that are required to install weather-based irrigation controllers, and 2) continuing outreach on efficient irrigation practices, and 3) price elasticity impacts of future water rates. The

estimated reductions in outdoor water use for all sectors exceed the estimated reduction that would result from implementing the state's model landscape ordinance without turf limitations.

Estimated Water Savings by Sector

Water savings was estimated based on the assumption that 5 feet of irrigation water (60 inches of water) is applied to turf landscaping annually on average, and 12 inches is applied to areas planted in low-water-use drought tolerant plant material on drip irrigation.

Single Family Residential

Avg. existing front yard turf percentage = 57%
Avg. existing front yard landscapable area – 1650 s.f.
Avg. existing turf area = 940 s.f.
Reduce turf to 25 % of 1650 s.f. or 412 s.f.; a reduction of 528 s.f., or 0.012 acres
Savings = 4 af/yr x 0.012 acres = 15,640 gal./yr
2008 avg. existing lot residential use = 0.5 af or 162,925 gal/yr
Annual avg. interior use = 75,700 gal/yr
Avg. annual exterior use = 87,213 gal/yr
Savings as percentage of exterior use = 17.9%
Savings as percentage of total single family use = 9.6%
Savings as percentage of total City use in new development = 5.6%

Multi-Family Residential

Avg. MF per unit usage in 2008 = 87,875 gal/yr
Interior usage = 61,685 gal/yr (based on 2.6 pph and 65 gpcd)
Landscape usage = 26,190 gal/yr or 30% of total per unit use
Assume 80% of landscape in existing development is turf and 20 percent non-turf
Current weighted average irrigation use = (0.80 x 5 af) + (0.20 x 1 af) = 4.2 af/ac/yr
After ordinance – weighted average irrig. use = (0.2 x 5 af) +(0.8 x 1) = 1.8 af/ac/yr
Irrigation use savings percentage = 57%
Savings as percentage of total MF residential use = 0.57 x 0.30 = 17%

Landscape and Lighting (Street Landscaping)

Assume landscaping is now 80 percent turf, 20 percent non-turf
Ordinance would require all L and L area to be non-turf
Current weighted irrigation use = (0.8 x 5 af/yr) + (0.2 x 1 af/yr) = 4.2 af/yr
After ordinance – weighted average irrigation use = 1.0 x 1 af/yr = 1 af/yr
Savings percentage (all irrigation) = 76%

Commercial / Industrial

Assume current landscape mix is 60% turf, 40% low-water-use.
Current weighted avg. irrigation use = (0.6 x 5 af/ac) + (0.4 x 1 af/ac) = 3.4 af/ac
After ordinance – weighted avg. use = (0.1 x 5 af/ac) + (0.9 x 1 af/ac) = 1.4 af/ac
Outdoor use savings percentage therefore = 2/3.4 or 59 %
Outdoor commercial water use is approximately 41% of total annual commercial use based on difference between February and July commercial account use.
Overall reduction in commercial use = 0.41 x 0.59 = 24%

Appendix C

Ordinance No. 956 N.S. Adopting a Water Conservation and Water Shortage Contingency Plan

ORDINANCE NO.956 N.S.

AN URGENCY ORDINANCE OF THE CITY OF EL PASO DE ROBLES TO ADD CHAPTER 14.02 TO THE MUNICIPAL CODE OF THE CITY OF EL PASO DE ROBLES ADOPTING A WATER CONSERVATION AND WATER SHORTAGE CONTINGENCY PLAN AND DECLARING THAT THIS IS AN URGENCY ORDINANCE NECESSARY FOR THE IMMEDIATE PRESERVATION OF THE PUBLIC HEALTH, SAFETY AND WELFARE

WHEREAS, a consistent and minimum reliable supply of potable water is essential to the public health, safety, and welfare of the people and community of the City of El Paso De Robles; and

WHEREAS, Article X, Section 2 of the California Constitution declares that the general welfare requires that water resources be put to beneficial use, that waste or unreasonable use or unreasonable method of use of water be prevented, and that conservation of water be fully exercised with a view to the reasonable and beneficial use thereof; and

WHEREAS, the City of El Paso De Robles water production capacity is highly dependent on factors such as precipitation and local and regional demands for groundwater as its two current existing sources of water are the Paso Robles Groundwater Basin and the City's permitted allocation from the Salinas River; and

WHEREAS, the California State Water Resources Control Board ("SWRCB") has declared that the Salinas River is fully allocated, and the City's permit limits the maximum annual pumping from the Salinas River underflow to 4,600 acre feet per year ("AFY"); and

WHEREAS, due to current statewide drought conditions, the City's underflow wells are only producing at 69% of historic levels, and SWCRB has indicated it may restrict underflow pumping due to current drought conditions and has stated that water agencies should adopt conservation efforts to reduce urban water use by 20%; and

WHEREAS, the City and the County of San Luis Obispo (the "County") recently commissioned an update of the 2005 Groundwater Basin Study (*Evaluation of Paso Robles Groundwater Basin Pumping*, Todd Engineers May 2009) that concludes total groundwater pumping has increased by 5,516 AFY between 2000 and 2006, an average annual increase of 919 AFY. Assuming no water management actions, (including delivery of Nacimiento Project Water), this rate of increase would result in overdraft by 2017; and

WHEREAS, the 2009 Updated Basin Study also finds that groundwater basin pumping exceeds 90% of the safe annual yield; and

WHEREAS, the City and County are both parties to an agreement with a group representing a number of agricultural groundwater basin pumpers, known as "PRIOR," the purpose of which is to avoid expensive and lengthy groundwater rights litigation by cooperating in groundwater basin monitoring and water management; and

WHEREAS, the City's weekly demands for water historically have increased drastically in the summer months, rising from approximately 3.5 million gallons per day ("GPD") to approximately 12.7 GPD in July, an increase of 330%; and

WHEREAS, despite City efforts to rehabilitate wells, install new wells and recommission standby wells, the amount of water produced by those wells during the summer months has declined significantly in the past few years; and

WHEREAS, in 2004, City wells produced roughly 12.7 GPD, in the summer of 2008, production dropped to 11.7 MGD, and in 2009, water production is expected to decline to 10.4 MGD; and

WHEREAS, the City's water storage capacity is approximately 12 MGD, roughly 50% of which is allocated for emergency and fire-fighting storage capacity; and

WHEREAS, such fire-fighting capacity would be depleted within three days of prolonged hot weather conditions, thereby creating a potential threat to public health and safety; and

WHEREAS, it is in the City's best interest to enact prudent water demand management measures immediately to avoid water shortages; and

WHEREAS, California Water Code section 375 authorizes water suppliers to adopt and enforce a comprehensive water conservation program to reduce water consumption and conserve supplies after holding a public hearing; and

WHEREAS, the adoption and enforcement of a water conservation and supply shortage program is necessary to manage the City of El Paso de Robles' water demand and supply to minimize the effects of water shortages within Paso Robles. Such program is essential to ensure a reliable minimum supply of water for the public health, safety, and welfare.

WHEREAS, based on all of the above, as one measure to help ensure that the City will have adequate water supplies during the coming summer months and into the future, the Council finds and determines that the adoption of a water conservation and water shortage contingency plan is necessary.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF EL PASO DE ROBLES DOES HEREBY ORDAIN AS FOLLOWS::

SECTION 1. The City Council of the City of El Paso De Robles, at its regular meeting of May 19, 2009, considered as one of its items of business this Ordinance to be introduced in accordance with Government Code Section 36937(b). The City Council hereby finds and determines that, based on all of the facts described above, the staff reports and the testimony received during a public hearing on this Ordinance, all of which are incorporated herein, the adoption of a water conservation and water shortage contingency plan is vitally necessary to help preserve and protect the public health, safety and welfare of the City and its residents.

SECTION 2. Chapter 14.02 is hereby added to Title 14 of the Municipal Code of the City of El Paso de Robles as follows:

CHAPTER 14.02

WATER CONSERVATION AND WATER SHORTAGE CONTINGENCY PLAN

14.02.010 Declaration of Necessity and Intent

A. This Chapter establishes certain mandatory and permanent water management requirements necessary to conserve water, enable effective water supply planning, assure reasonable and beneficial use of water, prevent waste of water, prevent unreasonable use of water, prevent unreasonable methods of use of water within the City of El Paso de Robles service area in order to assure adequate supplies of water to meet the needs of the public, and further the public health, safety, and welfare, recognizing that water is a scarce natural resource that requires careful management not only in times of drought, but at all times.

B. This Chapter also establishes regulations to be implemented during times of declared water shortages, or declared water shortage emergencies. It establishes four levels of actions to be implemented in times of shortage, with increasing restrictions on water use in response decreasing water supply or production capabilities.

C. Level 1 Water Supply Shortage measures are voluntary and will be reinforced through local and regional public education and awareness measures. Levels 2 through 4 Water Supply Shortage conditions mandate increasingly restrictive measures in order to attain escalating conservation goals. Those City water customers who violate the measures imposed under a Condition of Level 2 through Level 4 are subject to criminal, civil, and administrative penalties and remedies as provided in Chapter 1 of this Code.

14.02.020 Application

A. This Chapter applies to any *customer* in the use of any water provided by the City of El Paso de Robles, including customers located outside the City.

B. This Chapter is intended solely to further the conservation of water. It is not intended to implement or replace any provision of federal, state, or local statutes, ordinances, or regulations relating to protection of water quality or control of drainage or runoff.

C. The provisions of this Chapter do not apply to uses of water necessary to protect public health and safety or for essential government services, such as police, fire and other similar emergency services.

D. Nothing in this Chapter 14.02 is intended to affect or limit the ability of the City Manager or his designee to declare and respond to an unforeseeable disaster or water emergency such as an earthquake, or other major disruption in the water supply, pursuant to the general laws of the City or other provisions of this Code.

14.02.030 Definitions

The following words and phrases whenever used in this Chapter 14.02 will have the meaning defined in this section:

A. Customer means any person, corporation, public or private entity, public or private association, public or private agency, government agency or institution, school district, college, university, or any other user of water provided by the City of El Paso de Robles.

B. Days are defined as calendar days, unless otherwise indicated.

C. Water Conservation means the efficient management of water resources for beneficial uses, preventing waste, or accomplishing additional benefits with the same amount of water.

D. Condition means a declared water supply shortage condition, which may be at Level 1, Level 2, Level 3 or Level 4, as described in this Chapter 14.02.

14.02.040 Mandatory Minimum Water Conservation Requirements – Prohibition Against Waste

The following water conservation requirements shall be in effect at all times and are permanent. Violations will be considered waste and an unreasonable use of water and are subject to penalties.

A. **No Excessive Water Flow or Runoff:** Watering or irrigating of any lawn, landscape or other vegetated area in a manner that causes or allows excessive water flow or runoff onto an adjoining sidewalk, driveway, street, alley, gutter or ditch is prohibited.

B. **No Overfilling of Swimming Pools and Spas:** Overfilling of a swimming pools and spas such that overflow water is discharged onto an adjoining sidewalk, driveway, street, alley, gutter or ditch is prohibited.

C. **No Washing Down Hard or Paved Surfaces:** Washing down hard or paved surfaces, including but not limited to sidewalks, walkways, driveways, parking areas, tennis courts, patios or alleys, is prohibited except under the following conditions:

1. To alleviate safety or sanitary hazards, and then only by use of a hand-held bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off device.

2. When a low-volume, high-pressure cleaning machine or a low-volume high-pressure water broom is used.

3. All wash-down activities must comply with all state or local regulations pertaining to discharges to the City's storm drain system.

D. **Obligation to Fix Leaks, Breaks or Malfunctions:** Excessive use, loss or escape of water through breaks, leaks or other malfunctions in the customers' plumbing or distribution system for any period of time after such escape of water should have reasonably been discovered and corrected and in no event more than seven days after written notification by the City of El Paso de Robles, is prohibited.

E. **Re-circulating Water Required for Water Fountains and Decorative Water Features:** Operating a water fountain or other decorative water feature that does not use re-circulated water is prohibited.

F. **Limits on Washing Vehicles:** Using water to wash or clean a vehicle, including but not limited to any automobile, truck, van, bus, motorcycle, boat or trailer, whether motorized or not is prohibited, except by use of a hand-held bucket or similar container or a hand-held hose equipped with a positive self-closing water shut-off nozzle or device. This subsection does not apply to any commercial car washing facility.

G. **Commercial Lodging Establishments Must Provide Guests Option to Decline Daily Linen Services:** Hotels, motels and other commercial lodging establishments must provide customers the option of not having towels and linen laundered daily. Commercial lodging establishments must prominently display notice of this option in each bathroom using clear and easily understood language.

H. **No Installation of Single Pass Cooling Systems:** Installation of single pass cooling systems is prohibited in buildings requesting new water service.

I. **No Installation of Non-Recirculating Systems in Commercial Car Wash and Laundry Systems:** Installation of non-recirculating water systems is prohibited in new commercial conveyor car wash and new commercial laundry systems.

J. **New or Remodeled Restaurants Required to Use Water Conserving Dish Wash Spray Valves:** All new or remodeled food preparation establishments, such as restaurants or cafes, are prohibited from using non-water conserving dish wash spray valves.

K. **Water Served Only Upon Request:** Restaurants and other food establishments will only serve water upon request.

14.02.050 Level 1 Water Supply Shortage – Voluntary Reductions

A. The City Council or, in the event prompt action is necessary, the City Manager, may declare a Level 1 Water Supply Shortage condition (a "Level 1 Condition") when there is a reasonable probability, due to a projected imbalance in available water supply and projected peak demand, that there will be a supply shortage and that a consumer demand reduction of up to 10 percent is needed in order to ensure that sufficient supplies will be available to meet anticipated demands. Upon such declaration, the City Manager or his designee shall take the necessary actions to implement the voluntary Level 1 Condition conservation practices identified in this Chapter. In the event a Level 1 Condition has been declared by the City Manager, the City Council shall consider the ratification of such declaration at its next regularly scheduled meeting or at a special meeting called for such purpose.

B. During the period of a declared Level 1 Condition, the City of El Paso de Robles will increase its public education and outreach efforts to increase public awareness of the need to implement the following water conservation practices.

1. Irrigation of residential and commercial landscapes, including golf courses, parks, school grounds and recreation fields, before 9 a.m. and after 7 p.m. except for renovation or repair of the irrigation system with an operator present.

2. Repair or prevention of all water leaks upon discovery or within five days of notification by the City of El Paso de Robles.

3. Use of recycled, non-potable, or water imported from outside City limits for construction purposes.

14.02.060 Level 2 Water Supply Shortage – Mandatory Reductions

A. The City Council, or in the event prompt action is necessary, the City Manager, may recommend and declare a Level 2 Water Supply Shortage condition (a "Level 2 Condition") when there is a reasonable probability, due to a projected imbalance in available water supply and projected peak demand, that there will be a supply shortage and that a consumer demand reduction of up to 20 percent is required in order to ensure that sufficient supplies will be available to meet anticipated demands. Upon the declaration of a Level 2 Condition, the City Manager or his designee shall take the necessary actions to notify the public and implement the mandatory Level 2 Condition conservation practices identified in this Chapter. In the event a Level 2 Condition has been declared by the City Manager, the City Council shall consider the ratification of such declaration at its next regularly scheduled meeting or at a special meeting called for such purpose.

B. During the period of a declared Level 2 Condition, all water customers shall be required to comply with all Level 1 Condition measures, set forth in Section 14.020.050, and also shall comply with the following conservation measure:

1. All landscape irrigation shall be limited to no more than three assigned days per week and on an every other day schedule established and posted by the City.

C. At its discretion, the City may suspend the issuance of new hydrant meters and/or recall all outstanding meters in accordance with the City's existing Hydrant Meter Rental Agreement.

D. The City Manager may recommend and, upon resolution of the City Council, implement a water allocation per customer account served by the City of El Paso de Robles, and a schedule of per unit penalty surcharges for use exceeding the water allocation. If the City Council adopts or modifies water allocations, the City Manager will post notice of the water allocation prior to the effective date(s). Following the effective date(s) of the water allocation as established by the City Council, any customer that uses water in excess of the allocation will be subject to a penalty surcharge for each billing unit of water in excess of the allocation. The per unit penalty surcharge for excess water usage will be in addition to any other remedy, penalty, or fine that may be imposed for violation of this Chapter. At the City's discretion, the water conservation measures required under Level 1 and Level 2 conditions may be suspended during the period a water allocation is in effect.

14.02.070 Level 3 Water Supply Shortage - Critical Condition

A. The City Council or, in the event prompt action is necessary, the City Manager, may recommend and declare a Level 3 Water Supply Shortage condition (a "Level 3 Condition") when there is a reasonable probability, due to a projected imbalance in available water supply and projected peak demand, that there will be a supply shortage and that a consumer demand reduction of up to 30 percent is required in order to ensure that sufficient supplies will be available to meet anticipated demands. Upon declaration of Level 3 Water Supply Shortfall, the City Manager or his designee shall take the necessary actions to implement the mandatory Level 3 Condition conservation practices identified in this Chapter. In the event a Level 3 Condition has been declared by the City Manager, the City Council shall consider the ratification of such declaration at its next regularly scheduled meeting or at a special meeting called for such purpose.

B. During a the period of a declared Level 3 Condition, all water customers shall comply with all Level 1 Condition and Level 2 Condition water conservation measures and shall also comply with the following additional mandatory conservation measures:

1. All landscape irrigation shall be limited to no more than two assigned days per week on a schedule established and posted by the City Manager or his designee.

2. Filling or re-filling of ornamental lakes or ponds is prohibited except to the extent needed to sustain plants or animals that have been actively managed within the water feature prior to the declaration of a Level 3 Condition.

3. All water leaks, breaks or other plumbing malfunctions shall be repaired upon discovery or within forty-eight hours of notification by the City of El Paso de Robles, with the exception of rental properties, which shall have up to seventy-two hours to repair interior unit leaks, in order to comply with state laws regarding the provision of notice to tenants.

4. Using water to wash vehicles, whether motorized or not, is prohibited except at commercial car washing facilities.

5. Washing down hard or paved surfaces, including but not limited to sidewalks, walkways, driveways, parking areas, tennis courts, patios or alleys, is prohibited except under the following conditions:

a. To alleviate safety or sanitary hazards, and then only by use of a hand-held bucket or similar container, a hand-held hose equipped with a positive self-closing water shut-off device, a low-volume, high-pressure cleaning machine or a low-volume high-pressure water broom.

C. Upon the declaration of a Level 3 Condition, new potable water services, temporary or permanent water meters, and statements of immediate ability to serve or provide potable water service (including, but not limited to, will serve letters, certificates, or letters of availability) will be allowed only under the circumstances listed below. This provision does not preclude the resetting or turn-on of meters to provide continuation of water service or to restore service that has been interrupted.

1. A valid building permit has been issued for the project; or

2. The project is necessary to protect the public's health, safety, and welfare; or

3. The applicant provides substantial evidence satisfactory to the City Manager or his designee of an enforceable commitment that the new water demands for the project will be offset prior to the provision of new water meter(s). The applicant's offset program must be approved by the City's Water Manager. Such offsets may be in the form of additional water conservation measures, the provision of recycled water use in place of existing potable water demands (if available), or other such offsets developed and approved by the City Manager or his designee. To obtain approval, the applicant's plan must demonstrate that the development will not increase the demand on the City's water system.

During the period of a Level 3 Condition, the expiration dates of approved tentative maps and related entitlements for such development projects shall be tolled until such time as the Level III Condition has improved to a Level II Condition or better. Notwithstanding the foregoing, an applicant with an approved tentative map and related entitlements may choose to proceed with development under the conditions set forth in subsection c.3., above.

D. Upon the declaration of a Level 3 Condition, the City will suspend consideration of any annexations to its service area. This subsection does not apply to boundary corrections and annexations that will not result in any increased use of water.

E. At its discretion, the City may suspend the issuance of new hydrant meters and/or recall all outstanding meters in accordance with the City's existing Hydrant Meter Rental Agreement.

F. The City Manager may recommend and, upon resolution of the City Council, implement a water allocation per customer account served by the City of El Paso de Robles, and a schedule of penalty surcharges for exceeding the water allocation. If the City Council adopts or modifies water allocations, the City Manager will post notice of the water allocation prior to the effective date(s). Following the effective date(s) of the water allocation as established by the City Council, any customer that uses water in

excess of the allocation will be subject to a penalty surcharge for each billing unit of water in excess of the allocation. The penalty surcharge for excess water usage will be in addition to any other remedy, penalty, or fine that may be imposed for violation of this Chapter. At the City's discretion, the water conservation measures required under Level 1, Level 2, and Level 3 conditions may be suspended during the period a water allocation is in effect.

14.02.080 Level 4 Water Supply Shortage – Emergency Condition

A. The City Manager may declare a water shortage emergency pursuant to California Water Code section 350 and declare a Level 4 Water Supply Shortage condition (a :Level 4 Condition") when there is a reasonable probability, due to a projected imbalance in available water supply and projected peak demand, that there will be a supply shortage and that a consumer demand reduction of up to 50 percent is required in order to ensure that sufficient supplies will be available to meet anticipated demands. Upon declaration of Level 4 Condition, the City Manager or his designee shall take all necessary actions to implement the mandatory Level 4 conservation practices identified in this Chapter and on the grounds provided in California Water Code section 350. In the event a Level 4 Condition has been declared by the City Manager, the City Council shall consider the ratification of such declaration at its next regularly scheduled meeting or at a special meeting called for such purpose.

B. During the period of a declared Level 4 Condition, all water customers shall be required to comply with all Level 1 Condition, Level 2 Condition and Level 3 Condition water conservation measures and shall also comply with the following additional mandatory conservation measures:

1. All landscape irrigation, except crops and landscape products of commercial growers and nurseries, shall be prohibited. This restriction does not apply to:

a. Watering of livestock; and

b. Essential Public Works projects and actively irrigated environmental mitigation projects.

2. All water leaks, breaks of other plumbing malfunctions shall be repaired upon discovery or within twenty-four hours of notification by the City of El Paso de Robles, with the exception of rental properties, which shall be have up to seventy-two hours to repair interior unit leaks, in order to comply with state laws regarding the provision of notice to tenants.

3. Filling or refilling of residential pools and spas is prohibited.

C. The City shall not enter into any new commitments or agreements to provide water to customers or agencies either inside or outside of the City of El Paso de Robles.

14.02.090 Procedures for Determination and Notification of Water Supply Shortage Level

A. The existence of a Level 1 Condition may be declared upon recommendation by the City Manager along with a written determination of the existence of the facts and circumstances supporting the determination. A copy of the written determination will be filed with the City Clerk. The City Manager or his designee will publish a notice of the determination of existence of a Level 1 Condition in the City's official newspaper. The City may also post notice of the Condition on its website or include it in its regular billing statement..

The Water Department will monitor the projected supply and demand for water during periods of emergency or *drought* and will recommend to the City Manager the extent of the conservation required. The City Manager will recommend to the City Council the implementation or termination of the appropriate level of *water conservation* in accordance with this Chapter.

B. The existence of a Level 2 or Level 3 Condition may be declared upon recommendation by the City Manager and notification of the City Council. The

mandatory conservation measures applicable to Level 2 or Level 3 Condition, as applicable, will take effect on the tenth day after the date the shortage level is declared. Within five days following the declaration of the applicable Condition, the City Manager or his designee will publish a notice providing the extent, terms and conditions respecting the use and consumption of water. The notice shall be published, at a minimum, for three consecutive days in the newspaper used for official City notices. The City may also post notice of the Condition on its website or include it in its regular billing statement.

C. The existence of Level 4 Condition may be declared upon recommendation by the City Manager. The mandatory conservation measures applicable to Level 2, Level 3, or Level 4 Conditions will take effect on the fourth day after the date the shortage level is declared. Within 24 hours following the declaration of the shortage level, the City Manager or his designee will publish a notice giving the extent, terms and conditions respecting the use and consumption of water. The notice shall be published, at a minimum, for three consecutive days in the newspaper used for official City notices. The City may also post notice of the Condition on its website or include it in its regular billing statement.

D. The City Council may declare an end to a particular Condition upon the recommendation of the City Manager by the adoption of a resolution at any regular or special meeting of the City Council.

14.02.100 Hardship Variance

A. If, due to unique circumstances, a specific requirement of this Chapter would result in undue hardship to a customer using City of El Paso de Robles water or to property upon which water is used, that is disproportionate to the impacts to water users generally or to similar property or classes of water uses, then the customer may apply for a variance to the requirements as provided in this Section 14.02.100.

B. The variance may be granted or conditionally granted only upon a written finding of the existence of facts demonstrating an undue hardship to a customer or to property upon which water is used, that is disproportionate to the impacts to water users generally or to similar property or classes of water user due to specific and unique circumstances of the user or the user's property.

1. Application. Application for a variance will be in written form prescribed by the City Manager or his designee and will be accompanied by a non-refundable processing fee in an amount set by resolution of the City Council.

2. Supporting Documentation. The written application will be accompanied by photographs, maps, drawings, or other pertinent information as applicable, including a written statement of the applicant.

3. Approval Authority. The City Manager or his designee will exercise approval authority and act upon any completed application after submittal and may approve, conditionally approve, or deny the variance. The applicant requesting the variance will be promptly notified in writing of any action taken. The decision of the City Manager or his designee is final unless the applicant files a written appeal to the City Council within 10 days. Unless specified otherwise at the time a variance is approved, the variance applies to the subject property during the term of the applicable Condition.

4. Required Findings for Variance. An application for a variance will be denied unless the approving authority finds, based on the information provided in the application, supporting documents, or such additional information as may be requested, and on water use information for the property as shown by the records of the City of El Paso de Robles, all of the following:

a. That the variance does not constitute a grant of special privilege inconsistent with the limitations upon other City of El Paso de Robles *customers*.

b. That because of special circumstances applicable to the property or its

use, the strict application of this Chapter would have a disproportionate impact on the property or use that exceeds the impacts upon customers generally.

c. That the authorizing of such variance will not be of substantial detriment to adjacent properties, and will not materially affect the ability of the City of El Paso de Robles to effectuate the purpose of this Chapter 14.02 and will not be detrimental to the public interest.

d. That the condition or situation of the subject property or the intended use of the property for which the variance is sought is not common, recurrent or general in nature.

5. No relief will be granted to any customer for any reason in the absence of a showing by the customer that the customer has achieved the maximum practical reduction in water consumption in the customer's residential, commercial, industrial, institutional, agricultural or governmental water consumption.

14.02.110 Violations and Penalties

It is unlawful for any *customer* to violate the mandatory provisions of this Chapter. Violations are subject to criminal, civil, and administrative penalties and remedies as provided in Chapter 1 of this Code. In addition, service of water may be discontinued or appropriately limited through the installation of flow-restricting devices to any *customer* who willfully uses water in violation of this Chapter. {Editors Note: As specified in Chapter 1.02 Penalties, Section 1.02.010, following the issuance of two warnings, a fine not exceeding one hundred dollars shall be assessed for a first violation, a fine not exceeding two hundred dollars shall be assessed for a second violation of this ordinance within one year, and a fine not exceeding five hundred dollars shall be assessed for a third violation of this ordinance within one year.}

SECTION 3. Section 14.04.180 of the Municipal Code of the City of El Paso de Robles is hereby repealed.

SECTION 4. Severability

If any action, subsection, sentence, clause or phrase of this ordinance is, for any reason, held by a court of competent jurisdiction to be invalid or unconstitutional, such decision shall not affect the validity of the remaining portions of this Ordinance which can be given effect without the invalid provisions or application, and to this end the provisions of this Ordinance are declared to be severable.

SECTION 5. Publication

The City Clerk will certify to the passage of this Ordinance by the City Council of the City of El Paso de Robles, California, and cause the same to be published once in a newspaper of general circulation, published and circulated in the City of El Paso de Robles.

SECTION 6. Effective Date.

Based on the preceding, and having received no less than four affirmative votes of the City Council, this Ordinance is declared to be an urgency measure necessary for the immediate protection of the public health, safety and general welfare of the community, and shall be effective immediately upon its adoption, pursuant to Government code Section 36937, subdivision b.

INTRODUCED, ADOPTED AND APPROVED at a regular meeting of the City Council of the City of El Paso de Robles held on June 2, 2009 by the following vote:

AYES: Gilman, Hamon, Steinbeck, Strong and Picanco
NOES:
ABSTAIN:
ABSENT:

Duane Picanco, Mayor

ATTEST:

Cathy David, Deputy City Clerk

Appendix D

Efficient Landscape Ordinance

ORDINANCE NO. 964 N.S.

AN ORDINANCE OF THE CITY OF EL PASO DE ROBLES
ADDING SECTION 21.22.B,
WATER EFFICIENT LANDSCAPE ORDINANCE

WHEREAS, The Water Conservation in Landscaping Act of 2006 (Assembly Bill 1881) requires cities to adopt landscape water conservation ordinances by January 1, 2010; and

WHEREAS, in accordance with this law, the California Department of Water Resources prepared a Model Water Efficient Landscape Ordinance (MWELO); and

WHEREAS, all cities and counties have until January 1, 2010, to either adopt the state's MWELO or their own local water efficient landscape ordinance; and

WHEREAS, a draft local ordinance has been prepared and provides requirements that:

- Are as effective at achieving water savings as the MWELO; and
- Reduces the costs for new homes compared to the State's requirements; and.
- Reduces the City's administrative costs compared to the State's MWELO approach.

and

WHEREAS, this Zoning Ordinance Amendment would include a new Section 21.22B, Water Efficient Landscape Regulations; and

WHEREAS, at its meeting on November 10, 2009, the Planning Commission took the following actions regarding this ordinance:

a. Considered the facts and analysis, as presented in the staff report prepared for this project;

b. Conducted a public hearing to obtain public testimony on the proposed ordinance;

c. Recommended that the City Council approve the proposed ordinance; and

WHEREAS, based on consideration of information received at its meeting of December 1, 2009, the City Council took the following actions regarding this ordinance:

a. Considered the facts and analysis, as presented in the staff report prepared for this project;

b. Conducted a public hearing to obtain public testimony on the proposed ordinance;

c. Considered the recommendation from the Planning Commission meeting on November 10, 2009;

d. Introduced said ordinance for the first reading; and

WHEREAS, on December 15, 2010, the City Council held a second reading of said ordinance.

NOW, THEREFORE, the City Council of the City of El Paso de Robles does hereby ordain as follows:

SECTION 1. Council Findings.

The Council finds that:

a. It is necessary to amend the Zoning Ordinance in order to comply with the Water Conservation in Landscaping Act of 2006 (Assembly Bill 1881);

b. The proposed code amendment would meet the City's policy to promote the conservation and efficient use of water and to prevent waste of this valuable resource;

c. Consistent with California Law, the purpose of this ordinance is to promote the values and benefits of landscapes while recognizing the need to invest water and other resources as efficiently as possible;

d. Consistent with California Law, the purpose of this ordinance is to establish a structure for planning, designing, installing, maintaining, and managing water efficient landscapes in new construction and rehabilitated projects.

e. The proposed ordinance will achieve an overall water use reduction of approximately 19 percent compared to development without the landscape restrictions.

f. The 19 percent reduction is estimated to be at least as effective as the States Model Water Efficient Landscape and Irrigation Ordinance as a result of the turf limitations and limitations on overhead spray irrigation for all projects including single family residential.

SECTION 2: A new Chapter 21.22B, Water Efficient Landscape Ordinance will be added to Title 21, Zoning Code, as shown in Exhibit A.

SECTION 3: A revision to Chapter 21.16. E.340. Landscape Requirements for Front Yards (R-1 Zone), **see bold language below**:

A. Within one year of issuance of a certificate of occupancy, the holder of a building permit for a single-family dwelling shall have installed front yard landscaping in all nonpaved portions of the area between the front of the home and the street upon which the home faces. The landscaping may consist of lawn, ground cover, flowers, gravel, bark or other equivalent decorative materials. Bare ground and/or weeds are not acceptable landscaping treatments. **Please refer to Chapter 21.22B, Water Efficient Landscape Ordinance for rules and regulations regarding landscape and irrigation, including limitations on the percentage of turf/lawn that can be placed in the front yard.**

B. In order to ensure enforcement of this provision, if required landscaping is not completed prior to issuance of a certificate of occupancy, a security deposit, in a form and an amount to be established by city council resolution, shall be submitted prior to issuance of the certificate of occupancy. The costs of inspecting the landscaping, as required by this section, shall be charged against the security deposit. The remaining deposit shall be refunded upon compliance with the requirements of this section.

C. Upon completion of landscaping installation, the holder of the building permit shall request a building inspection; upon approval of the installed landscaping, the permit holder is released from further responsibility regarding the landscaping. Following approval of landscaping installation, it shall thereafter be the responsibility of the property owner to ensure that the installed landscaping is adequately maintained. Inadequately maintained landscaping may be grounds for public nuisance abatement. Judgment of the adequacy of installed and/or maintained landscaping shall be the responsibility of the city planner, who shall use reasonable discretion. Exceptions from the requirements to landscape front yard areas may be granted by the development review committee upon demonstration that such landscaping would not be reasonable or appropriate based on property size or location.

SECTION 4: A revision to Chapter 21.16.I.290.C Landscape Requirements (Multi-family Residential Zones):

A. Landscaping. Landscape plans shall be approved by the Development Review Committee to meet the standards listed below.

1. Protection and Use of Existing Vegetation. Development on hillside lots shall, to the maximum extent possible, protect and use existing vegetation. Existing groundcover and shrubs should not be removed from lands with steep slopes (thirty percent or greater) unless necessary for weed abatement to remove fire hazards. Existing groundcover

should not be removed from lesser slopes unless replaced with other vegetation. Existing groundcover shall be protected from damage during construction.

2. New Landscaping. All development on hillside lots shall provide new landscaping as follows:
   a. Erosion Control. All graded or cleared slopes shall be landscaped with groundcover designed to hold the slope and to mitigate the visual impacts associated with the bare ground. Groundcover on slopes with vertical heights greater than eight feet shall be irrigated.

   b. Architectural Enhancement. Trees and shrubs shall be planted to provide screening under decks, along walls, and where required as a condition of site plan or development plan review to assist in providing visual relief.

   c. Street Trees. Street trees shall be planted as required by Title 10 of this code.

   d. Irrigation. All landscaping required for erosion control, street trees and architectural enhancement shall be irrigated except where the development review committee explicitly approves otherwise.

   e. Plant Species. New landscaping shall incorporate plant species which meets the following criteria:
      i. New vegetation should be compatible with natural vegetation and that on surrounding properties.
      ii. All planting within thirty feet of buildings should be fire-retardant.
      iii. For water conservation purposes, drought-tolerant species are encouraged.

   f. Completion of Landscaping. All landscaping and irrigation required for erosion control, street trees and architectural enhancement shall either be completed prior to issuance of a certificate of occupancy or security such as a performance bond be posted.

   g. **Please refer to Chapter 21.22B, Water Efficient Landscape Ordinance for rules and regulations regarding landscape and irrigation, including limitations on the percentage of turf/lawn that can be placed in the landscape areas.**

SECTION 5. Publication. The City Clerk shall cause this ordinance to be published once within fifteen (15) days after its passage in a newspaper of general circulation, printed, published and circulated in the City in accordance with Section 36933 of the Government Code.

SECTION 6. Severability. If any section, subsection, sentence, clause, or phrase of the Ordinance is, for any reason, found to be invalid or unconstitutional, such finding shall not affect the remaining portions of this Ordinance.

The City Council hereby declares that it would have passed this Ordinance by section, subsection, sentence, clause, or phrase irrespective of the fact that any one or more sections, subsections, sentences, clauses, or phrases are declared unconstitutional.

SECTION 7. Inconsistency. To the extent that the terms or provisions of this Ordinance may be inconsistent or in conflict with the terms or conditions of any prior City ordinance(s), motion, resolution, rule, or regulation governing the same subject matter thereof, such inconsistent and conflicting provisions of prior ordinances, motions, resolutions, rules, and regulations are hereby repealed.

Introduced at a regular meeting of the City Council held on December 1, 2009, and passed and adopted by the City Council of the City of El Paso de Robles on the 15th day of December, 2009 by the following vote:

AYES: Gilman, Hamon, Steinbeck, Strong, and Picanco
NOES:
ABSTAIN:
ABSENT:

Duane Picanco, Mayor

ATTEST:

Lonnie Dolan, Deputy City Clerk

Exhibit A

Chapter 21.22B

LANDSCAPE and IRRIGATION ORDINANCE

Sections:

21.22B.010 Purpose
21.22B.020 Definitions
21.22B.030 Applicability
21.22B.040 Turf Limitations for New Construction and Rehabilitated Landscapes
21.22B.050 Landscape and Irrigation System Design Requirements

21.22B.010 Purpose

Consistent with California State Law, it is the purpose of this ordinance to: (a) promote the values and benefits of landscapes while recognizing the need to use water resources as efficiently as possible; (b) establish a structure for planning, designing, installing, maintaining, and managing water efficient landscapes in new construction and rehabilitated projects.

21.22B.020 Definitions (Definitions related to the technical information of the Landscape Documentation Package are provided as Attachment 5, of the Landscape and Irrigation Design Guide.)**:**

"Certificate of Completion" means the document required under Section 21.22B.050.B.4.

"Landscape Architect" means a person who holds a license to practice landscape architecture in the State of California as described in the Business and Professionals Code, §5615.

"Landscaped area" means all the planting areas, turf areas, and water features in a landscape design plan subject to the Maximum Applied Water Allowance calculation. The landscape area does not include footprints of buildings or structures, sidewalks, driveways, parking lots, decks, patios, gravel or stone walks, other pervious or non-pervious hardscapes, and other nonirrigated areas designated for non-development (e.g., open spaces and existing native vegetation).

"Landscape contractor" means a person licensed by the state of California to construct, maintain, repair, install, or subcontract the development of landscape systems.

"Landscape Documentation Package (LDP)" means the documents required under Section 21.22B.050.B.3.

"Landscape project" means total area of landscape in a project as defined in "landscape area" for the purposes of this ordinance.

"Multi-family Residential" means two or more attached residential units. Landscape areas for multiple detached units on one parcel will be considered single family units for the purposes of this Ordinance.

"New construction" means, for the purposes of this ordinance, a new building with a landscape or other new landscape, such as a park, playground or greenbelt without an associated building.
"Permit" means an authorizing document issued by local agencies for new construction or rehabilitated landscapes.

"Pervious" means any surface or material that allows the passage of water through the material and into the underlying soil.

"Project applicant" means the individual or entity submitting a Landscape Documentation Package required under Section 21.22B.050.B.3, to request a permit, plan check or design review from the local agency. A project applicant may be the property owner or his or her designee.

"Rehabilitated landscape" means any re-landscaping project that requires a permit, plan check, or design review.

"Runoff" means water which is not absorbed by the soil or landscape to which it is applied and flows from the landscape area. For example, runoff may result from water that is applied at too great a rate (application rate exceeds infiltration rate) or when there is a slope.

"Single Family Residential" one home on one lot, or multiple detached units on one lot (not attached).

"Soil moisture sensing device" or "soil moisture sensor: means a device that measures the amount of water in the soil. The device may also suspend or initiate an irrigation event.

"Turf" means a ground cover surface of mowed grass. Annual bluegrass, Kentucky bluegrass, Perennial ryegrass, Red fescue, and Tall fescue are cool-season grasses. Bermudagrass, Kikuyugrass, Seashore Paspalum, St. Augustinegrass, Zoysiagrass, and Buffalo grass are warm-season grasses.

"Valve" means a device used to control the flow of water in the irrigation system.

"Water conserving plant species" means a plant species identified as having a low plant factor.

21.22B.030 Applicability

The requirements within this Chapter apply to new construction and rehabilitated landscapes for commercial, industrial and residential projects that are subject to the development review process and/or a building permit.

A. Development Review Process

In conjunction with the submittal of a project for development review (tentative parcel map, tentative tract, development plan or conditional use permit), conceptual landscape plans shall be provided that demonstrate that the design of the landscaping complies with the standards within this Ordinance. These plans shall be reviewed by City Staff during the development review process.

B. Building Permit

In conjunction with the submittal of a project for building plan check, final landscape and irrigation plans, in compliance with this Ordinance, shall be submitted with the project. After a plan check review by the Planning and/or Public Works Departments for compliance with this Ordinance, a Building Permit may be issued. Fees consistent with the fees established for building plan check will be applied for staff review of the landscape and irrigation plan.

C. Certificate of Completion

Once the landscape and irrigation plans and necessary documentation has been provided in substantial compliance with the LDP, a Certificate of Completion may be issued. A Certificate of Completion shall be issued prior to the project receiving a Certificate of Occupancy by the Building Division.

D. Landscape and Irrigation Installation

For both projects less than or greater than 1 acre, the landscape and irrigation shall be installed per the approved plans prior to the issuance of a Certificate of Occupancy or "final" of the building/project.

E. Landscape Bond

For projects that have a landscape area of 1-acre or greater and require a LDP, a bond may be posted which would allow a building to be finaled and a Certificate of Occupancy to be issued prior to the site landscape and irrigation being completed. The bond shall be based on an estimate for labor and materials to complete the landscape and irrigation project per the approved plans, plus an additional 25-percent. The applicant shall fill out the Landscape Bond Security Bond Agreement along with the necessary bonding information, to the Public Works Department for review and approval to determine the specific bond amount.

For projects that have a landscape area of less than 1-acre which does not require the LDP, the Community Development Director or his or her designee may approve a bond to be posted which would allow a building to be finaled and a Certificate of Occupancy to be issued prior to the site landscape and irrigation being completed.

21.22B.040 Turf Limitations for New Construction and Rehabilitated Landscapes.

A. All new construction projects (residential, commercial, industrial) shall comply with the following limitations:

1. Turf areas less than 8 ft. in width in any direction are prohibited, unless subsurface irrigation is used and maximum turf areas do not exceed the percentages outlined in this ordinance.
2. Turf shall be prohibited within the public right-of-way, including parkways.
3. Developments shall be graded to maximize the on-site distribution of runoff to planted areas.
4. For non-turf areas, drip irrigation methods and low water use plants are recommended.
5. Covenants, Conditions and Restrictions (CCRs) shall not require turf landscaping nor have the effect of prohibiting low-water use landscaping and shall include by reference and/or attachment a copy of Chapter 21.22B, City of Paso Robles Landscape Ordinance.

B. Commercial and Industrial projects:

1. The area planted in turf grass and irrigated with spray irrigation shall be limited to 10 percent of the development's landscaped area.

2. Exceptions: This section does not apply to Cemeteries, plant collections as part of botanical gardens and arboretums open to the public, City parks, and school sports fields.

C. Single Family Residences

1. Turf grass installed with spray irrigation in residential front yards shall be limited to 25 percent of the landscapable area.

2. The common areas in residential subdivisions planted in turf (including landscape and lighting district areas) shall be limited to 10 percent of the landscaped area. (Excluding active play areas such as ball fields, playgrounds, and picnic areas).

D. Model Homes

1. Turf grass shall be prohibited in the front yards of model homes, and shall be limited to 50 percent of the landscaped area in back and side yards.

2. Model homes shall be used to educate future home owners about water efficient landscape and irrigation techniques. Education features for Model homes shall include:

   (a) The installation of interpretive landscape information signs that describe the principles of water efficient landscapes including features such as hydrozones, appropriate irrigation equipment and others techniques that contribute to the overall water efficient irrigation theme.
   (b) Information shall be provided to new home owners that include techniques on designing, installing, managing, and maintaining water efficient landscapes.

E. Multi-family Residential Projects

1. Turf grass shall be limited to 20 percent of the landscaped area. The 20 percent limitation shall be exclusive of areas designed as active play surfaces (e.g. ballfields, playgrounds, picnic areas).

F. Rehabilitated Landscapes

1. Rehabilitated landscapes shall comply with the turf limitations outlined in Sections A-E above, as appropriate to the property type.

21.22B.050 Landscape and Irrigation System Design and Information Requirements

A. All project landscaping and irrigation plans/designs shall comply with the following standards:

1. Utilize rain sensors, either integral or auxiliary, that suspend irrigation during and after rainfall events, shall be required on all irrigation control systems.

2. Prohibit turf on slopes greater than 20% where the toe of the slope is adjacent to an impermeable hardscape. (where 20% means 1 foot of vertical elevation change for every 5 feet of horizontal length rise divided by run X 100 = slope percent).

3. Water features shall use recirculating water systems.

4. Prohibit overhead spray irrigation within 24 inches of a non-permeable surfaces such as but not limited to concrete sidewalks and driveways. Subsurface irrigation may be used as long as other requirements of this ordinance are met. Allowable irrigation within the setback from non-permeable surfaces may include drip, drip line, or other low-flow non-spray type of systems. The setback area may be planted or non-planted. The surfacing of the setback may be mulch, gravel, cobles, or other porous material. These restrictions may be modified if the landscape area is adjacent to permeable surfacing, and no runoff occurs or the adjacent non permeable surface drains entirely to landscaped areas.

5. Irrigation systems shall be designed and constructed to achieve a minimum efficiency of 71 percent.

6. Apply a minimum two inch (2") layer of mulch on all exposed soil surface of planting areas.

7. The architectural guidelines and Covenants, Conditions, and Restrictions of common interest developments shall not have the effect of prohibiting the use of low-water use plants or requiring turf grass in landscaped areas.

B. Projects that have a landscape area <u>equal to or greater than 1 acre</u> need to submit the flowing information:

Please note that the landscape area for new residential subdivisions will be calculated on an individual lot basis as each lot develops, not a total of landscape areas prior to subdivision. Therefore, generally a residential subdivision will not require an LDP for individual lot landscaping, however if there are common areas, or areas within a Landscape and Lighting District that have landscape areas 1 acre or greater, there will be a requirement for an LDP for those areas to be completed prior to the recordation of the final map.

1. All of the items identified in Section A above.

2. Weather-based irrigation controllers, soil moisture-based controllers, or other self-adjusting irrigation controllers shall be required for irrigation scheduling.

3. The following documents and plans need to be submitted prior to the issuance of a Building Permit for the associated project (Please refer to the Landscape & Irrigation Design Guide for specific forms and criteria):

   Compliance with Landscape Documentation Package which includes completion of the following items:
   - Project Information
   - Water Efficient Landscape Worksheet
   - Soil Management Report
   - Landscape Design Plan
   - Irrigation Design Plan
   - Grading Design Plan

4. The following documents and plans need to be completed and the landscape and irrigation project shall be installed prior to the issuance of a Certificate of Occupancy for the

associated project (Please refer to the Landscape & Irrigation Design Guide for specific forms and criteria):

Certificate of Completion which includes documentation of the following items:

- Irrigation Scheduling
- Landscape and Irrigation Maintenance Schedule
- Irrigation Audit, Irrigation Survey and Irrigation Water Use Analysis
- Irrigation Efficiency
- Stormwater Management

Appendix E

Residential Assistance Program Survey

CITY OF EL PASO DE ROBLES

"The Pass of the Oaks"

Home Water Audit Worksheet

Customer Information & Water Consumption

Cust ID: _____ Apt. Date: ___/___/___ Time: _____ Cancelled: O No Show: O Reschedule to: _____

Customer Name: _____ Water Bill Acct #: _____

Service Address: _____ Apt/Unit: ___ Retailer: _____

Mailing Address (if different): _____ Day Ph: _____Other Ph: _____

Type of Dwelling Single Family O Multi Family O # of Units: ____ Own O Rent O

Residence Year Constructed: _____ Years at Site: _____ # of Residents: _____ #of Bathrooms: _____

How heard about program: Water Insert O Website O Newspaper O Radio O Friend O Other O

Landscape Controller Yes O No O Okay to Modify Irrigation Schedule? O Landscape Svc? O

Irrigation Automatic In-Ground O #of Stations: _____ Manual In-Ground O Hose O None O

Consumption

This Month Last Year: _____ units

Low Month Last Year: _____units

High Month Last Year: _____ units

5 Minute Leak Check

Meter Second Reading _____

Meter First Reading - _____

Total hcf = _____

Conversion to (gpd) (hcf x 215,568) = _____

Leak Rate (gpd) = _____

House Leak? Yes O No O

Showers

Location	gpm	Leak Rate	Diverter Leak	Shower Head Installs	Adaptor	Old Shower Heads Recycled
		gpd	Yes O No O	I,P,R, N,U	Yes O	Yes O No O
		gpd	Yes O No O	I,P,R, N,U	Yes O	Yes O No O
		gpd	Yes O No O	I,P,R, N,U	Yes O	Yes O No O

Faucets

Location	gpm	Leak Rate	Aerator Installs	Location	gpm	Leak Rate	Aerator Installs
		gpd	I,P,R, N,U			gpd	I,P,R, N,U
		gpd	I,P,R, N,U			gpd	I,P,R, N,U
		gpd	I,P,R, N,U			gpd	I,P,R, N,U

Installation Legends:

I = Installed, **P** = Provided, **R** = Refused, **N** = Not Compatible (didn't fit, brass fixture), **U** = Unable (frozen on)

ORIGINAL: Customer; Yellow: Water Conservation Office

Toilets

Location	Type of Toilet gallons per flush (gpf)	Leaks?	Brand/Yr	Bowl Clnr?	Flapper Installs *Type Code*	Flapper Brand
	<=1.6 O Over 1.6 O Not Sure O	Yes O		Yes O	I,P,R, N,U	
	<=1.6 O Over 1.6 O Not Sure O	Yes O		Yes O	I,P,R, N,U	
	<=1.6 O Over 1.6 O Not Sure O	Yes O		Yes O	I,P,R, N,U	
	<=1.6 O Over 1.6 O Not Sure O	Yes O		Yes O	I,P,R, N,U	

Installation Legends:
I = Installed, **P** = Provided, **R** = Refused, **N** = Not Compatible (didn't fit, brass fixture) **U** = Unable (frozen on)

Appliances

Item	Use Patterns	Characteristics	Item		Characteristics	
Clothes Washer	_____# Loads	Energy Star Yes O No O	**Softener**	Yes O No O Timer based O	Leased O	Own O DIR O
Coin Operated	_____# Loads	_____# Machines	**Reverse Osmosis**	Yes O No O	On/Off Switch	Yes O No O
Dish Washer	_____# Loads		**Pool**	Yes O No O	Cover?	Yes O No O
Water Heater		Leak? Yes O No O	**Hot Tub/Spa**	Yes O No O	Cover?	Yes O No O

Preset Irrigation Schedule

This schedule is for: Spring O Summer O Fall O

Location	Type*	Total Minutes	Days/Week	Cycles/Day	Minutes/Cycle

*Sprinkler Type: P=Pop-up R=Rotor I=Impact B=Bubbler D=Drip MS=Microspray H=Hose w/Sprinkler

Modified / Suggested Irrigation Schedule

Controller Start Time: _____ AM O PM O

This irrigation controller schedule has been modified: Yes O No O

Location	Station Number	Minutes/Week			Days/Week			Cycles/Day			Minutes/Cycle			Action Taken
		Sp	Sum	Fall	Sp	Sum	Fall	Sp	Sum	Fall	Sp	Sum	Fall	M, U, S/Pgm

Sp = Spring Sum = Summer M = Modified U = Unchanged S = Suggested Pgm=Programmed

ORIGINAL: Customer; Yellow: Water Conservation Office

Customer Priority Action Plan

Landscape Priorities:

Priority #____ Recommended Watering Schedule: Early morning is the best time to water!

Priority #____ Tune-up your watering system and check it monthly during the summer.

Item	Area/Action Needed
O Clogged heads/emitters	_____
O Broken heads/emitters	_____
O Mismatched heads	_____
O Spray pattern blocked	_____
O Broken pipe/tube	_____
O Misdirected/overspray	_____
O Ponding/run-off	_____
O Sunken/not vertical	_____
O Pressure problems	_____
O Other	_____

Priority #____ Put plants with similar watering needs on the same water circuit or station.

You have a watering station/area where high water use plants are mixed with plants that need much less water. In your case we recommend the following:

O Modify your irrigation system so that plants with common water needs are watered on the same circuit or station.
O Transplant some of our plants so they are grouped by common water needs.

Priority #____ Consider converting unused, narrow and/or tiny grass areas to low water-use plants and/or mulch.

These areas cannot be watered efficiently without run-off. Any strip less than 8 feet wide should not be planted in turf.

Priority #____ Mulch garden.

Mulch is the cornerstone of water management because it can reduce water use by 25 to 50 percent. Mulch with at least a 2 inch layer.

Priority #____ Aerate your soil-it is compacted.

Little water can penetrate compacted soil and get to the grass roots. Aeration is usually done by a machine that can be rented, or a landscape service.

Priority #____ De-thatch your turf.

Thatch (living and dead grass stems) forms a layer above the soil surface. If greater than ½ inches, it doesn't allow water to penetrate. De-thatch this fall. You can rent a power thatcher or use a sturdy steel rake to remove it.

Indoor Priorities:

Priority #____ Change-out your old water guzzling toilet. Your toilet(s) appear to be flushing over 1.6 gallons per flush (gpf).

Replace older toilets with high-efficiency toilets which use 1.6 gallons of water per flush or less. A family of four (4) can save an average of 15,000 gallons each year!

Priority #____ Your 1.6 gallons per flush (gpf) toilets are flushing more than 2.0 gallons per flush.

The primary reasons this occurs are because the flapper is either the wrong one for the unit (flappers for 1.6 gpf toilets are quite specific), or the flapper is adjusted incorrectly to let more water flush out before closing. Please refer to your manufacturer's instructions, or talk to a reputable toilet dealer about the appropriate flapper and adjustments.

Priority #____ Wow! Fix those leaks! We found an estimated _____ gallons per day in leaks in the following areas:

_____

Priority #____ Replace your old showerheads and/or faucet aerators.

We found the flow rates on your existing fixtures were _____. New model showerheads use 2.5 gpm or less and faucet aerators use 1.5 gpm or less and perform excellently. O Installed O Offered, but declined.

Priority #____ Install a pressure reducing valve/Reduce your valve setting.

Your water pressure at the house is high (_____psi.) and puts additional strain on your water-using appliances and irrigation system. Consult with a plumber to install a pressure reducing valve at your home or reduce your pressure.

Comments:

For additional information, please call the City of Paso Robles Water Conservation Office at (805) 227-7250. Thank you for participating in the Home Water Audit Program. Implementing these recommendations should help you in reducing your household water consumption.

Appendix F

California Urban Water Conservation Council

BMP Reports

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

Base Year Data

Link to FAQs

Reporting Unit Base Year

What is your reporting period? Calendar

Base Year 2008

BMP 1.3 Metering

Number of unmetered accounts in Base Year 0

BMP 3.1 & BMP 3.2 & BMP 3.3 Residential Programs

Number of Single Family Customers in Base Year 8,722

Number of Multi Family Units in Base Year 2,439

BMP 3.4 WaterSense Specification (WSS) Toilets

Number of Single Family Housing Units constructed prior to 1992 5000

Number of Multi Family Units prior to 1992 1375

Average number of toilets per single family household 1.75

Average number of toilets per multi family household 1.5

Five year average resale rate of single family households 200

Five-year average resale rate of multi family households 50

Average number of persons per single family household 2.66

Average number of persons per multi family household 2.66

BMP 4.0 & BMP 5.0 CII & Landscape

Total water use (in Acre Feet) by CII accounts 2393

Number of accounts with dedicated irrigation meters 347

Number of CII accounts without meters or with Mixed Use Meters 818

Number of CII accounts 1,165

Comments:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

Link to FAQs

2009

See the complete MOU: View MOU

See the coverage requirements for this BMP:

BMP 1.1 Operations Practices

Comments:

Conservation Coordinator

Conservation Coordinator (•) Yes ( ) No

Contact Information

First Name	Keith
Last Name	Larson
Title	Water Conservation Manager
Phone	805-227-7238
Email	klarson@prcity.com

Note that the contact information may be the same as the primary contact information at the top of the page. If this is your case, excuse the inconvenience but please enter the information again.

Water Waste Prevention

Water Agency shall do one or more of the following:

a. Enact and enforce an ordinance or establish terms of service that prohibit water waste
b. Enact and enforce an ordinance or establish terms of service for water efficient design in new development
c. Support legislation or regulations that prohibit water waste
d. Enact an ordinance or establish terms of service to facilitate implementation of water shortage response measures
e. Support local ordinances that prohibit water waste
f. Support local ordinances that establish permits requirements for water efficient design in new

To document this BMP, provide the following:

a. A description of, or electronic link to, any ordinances or terms of service
b. A description of, or electronic link to, any ordinances or requirements adopted by local jurisdictions or regulatory agencies with the water agency's service area.
c. A description of any water agency efforts to cooperate with other entities in the adoption or enforcement of local requirement
d. description of agency support positions with respect to adoption of legislation or regulations

You can show your documentation by providing files, links (web addresses), and/or entering a description.

File name(s): Email files to natalie@cuwcc.org See link provided on 2010 BMP 1.1 Report

Web address(s) URL: comma-separated list

Enter a description: We have a Water Conservation and Water Shorage Contingency Plan Ordinance No. 956, adopted in June of 2009. A copy of the ordnance may be found at pasowater.com. This ordnance is detailed in the City's 2010 Urban Water Management Plan.

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

Link to FAQs

2010

See the complete MOU: View MOU

See the coverage requirements for this BMP:

BMP 1.1 Operations Practices

Comments:

Conservation Coordinator

Conservation Coordinator (•) Yes ( ) No

Contact Information

First Name	Keith
Last Name	Larson
Title	Water Conservation Manager
Phone	805-227-7238
Email	klarson@prcity.com

Note that the contact information may be the same as the primary contact information at the top of the page. If this is your case, excuse the inconvenience but please enter the information again.

Water Waste Prevention

Water Agency shall do one or more of the following:

a. Enact and enforce an ordinance or establish terms of service that prohibit water waste
b. Enact and enforce an ordinance or establish terms of service for water efficient design in new development
c. Support legislation or regulations that prohibit water waste
d. Enact an ordinance or establish terms of service to facilitate implementation of water shortage response measures
e. Support local ordinances that prohibit water waste
f. Support local ordinances that establish permits requirements for water efficient design in new

To document this BMP, provide the following:

a. A description of, or electronic link to, any ordinances or terms of service
b. A description of, or electronic link to, any ordinances or requirements adopted by local jurisdictions or regulatory agencies with the water agency's service area.
c. A description of any water agency efforts to cooperate with other entities in the adoption or enforcement of local requirement
d. description of agency support positions with respect to adoption of legislation or regulations

You can show your documentation by providing files, links (web addresses), and/or entering a description.

File name(s): Email files to natalie@cuwcc.org: http://www.prcity.com/government/departments/publicworks/water/pdf/2009_CC_ORD_956.pdf

Web address(s) URL: comma-separated list:

Enter a description: We have a Water Conservation and Water Shortage Contingency Plan Ordinance No. 956, adopted in June of 2009. A copy of this ordinance can be found at pasowater.com at the link above. This ordinance is detailed in the city's 2010 Urban Water Management Plan. This is a comprehensive ordinance to prevent water waste at all times and during shortage conditions.

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

Link to FAQs

View MOU

2009 BMP 1.2 Water Loss Control

AWWA Water Audit

Agency to complete a Water Audit & Balance Using The AWWA Software ⦿ Yes ○ No

Email to natalie@cuwcc.org - Worksheets (AWWA Water Audit). Enter the name of the file below:

CityofPasoRobles-AWWA-WaterAudit(2009)

Water Audit Validity Score from AWWA spreadsheet: 51

Agency Completed Training In The AWWA Water Audit Method ○ Yes ⦿ No

Agency Completed Training In The Component Analysis Process ○ Yes ⦿ No

Completed/Updated the Component Analysis (at least every 4 years)? ○ Yes ○ No

Component Analysis Completed/Updated Date

Water Loss Performance

Agency Repaired All Reported Leaks & Breaks To The Extent Cost Effective ○ Yes ○ No

Recording Keeping Requirements:

Date/Time Leak Reported	Leak Location
Type of Leaking Pipe Segment or Fitting	Leak Running Time From Report to Repair
Leak Volume Estimate	Cost of Repair

Agency Located and Repaired Unreported Leaks to the Extent Cost Effective ○ Yes ○ No

Type of Program Activities Used to Detect Unreported Leaks

Annual Summary Information

Complete the following table with annual summary information (required for reporting years 2-5 only)

Total Leaks Repaired	Economic Value Of Real Loss	Economic Value Of Apparent Loss	Miles Of System Surveyed For Leaks	Pressure Reduction Undertaken for loss reduction	Cost Of Interventions	Water Saved (AF/Year)

Comments:

AWWA WLCC Free Water Audit Software: Reporting Worksheet

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WAS v4.2

Back to Instructions

Click to access definition

Water Audit Report for: City of Paso Robles

Reporting Year: 2009 | 1/2009 - 12/2009

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: MILLION GALLONS (US) PER YEAR

WATER SUPPLIED

<< Enter grading in column 'E'

Volume from own sources:	6	2,170.756	Million gallons (US)/yr (MG/Yr)
Master meter error adjustment (enter positive value):	6	0.100	under-registered MG/Yr
Water imported:	n/a	0.000	MG/Yr
Water exported:	n/a	0.000	MG/Yr
WATER SUPPLIED:		2,170.856	MG/Yr

AUTHORIZED CONSUMPTION

Click here: for help using option buttons below

				Pcnt:	Value:
Billed metered:	6	1,986.539	MG/Yr		
Billed unmetered:	n/a	0.000	MG/Yr		
Unbilled metered:	n/a	0.000	MG/Yr		
Unbilled unmetered:		27.136	MG/Yr	1.25%	

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION:	2,013.675	MG/Yr

Use buttons to select percentage of water supplied OR value

WATER LOSSES (Water Supplied - Authorized Consumption)

157.181 MG/Yr

Apparent Losses

				Pcnt:	Value:
Unauthorized consumption:		5.427	MG/Yr	0.25%	
Customer metering inaccuracies:	2	104.555	MG/Yr	5.00%	
Systematic data handling errors:	5	0.100	MG/Yr		
Apparent Losses:		110.082			

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Choose this option to enter a percentage of billed metered consumption. This is NOT a default value

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses:	47.099	MG/Yr
WATER LOSSES:	157.181	MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER:	184.317	MG/Yr

= Total Water Loss + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	7	160.0	miles
Number of active AND inactive service connections:	6	10,800	
Connection density:		68	conn./mile main
Average length of customer service line:	10	5.0	ft (pipe length between curbstop and customer meter or property boundary)
Average operating pressure:	3	70.0	psi

COST DATA

Total annual cost of operating water system:	3	$5,000,000	$/Year
Customer retail unit cost (applied to Apparent Losses):	6	$1.32	$/100 cubic feet (ccf)
Variable production cost (applied to Real Losses):	3	$300.00	$/Million gallons

PERFORMANCE INDICATORS

Financial Indicators

Non-revenue water as percent by volume of Water Supplied:	8.5%
Non-revenue water as percent by cost of operating system:	4.3%
Annual cost of Apparent Losses:	$194,249
Annual cost of Real Losses:	$14,130

Operational Efficiency Indicators

Apparent Losses per service connection per day:	27.93	gallons/connection/day
Real Losses per service connection per day*:	11.95	gallons/connection/day
Real Losses per length of main per day*:	N/A	
Real Losses per service connection per day per psi pressure:	0.17	gallons/connection/day/psi
Unavoidable Annual Real Losses (UARL):	65.47	million gallons/year
From Above, Real Losses = Current Annual Real Losses (CARL):	47.10	million gallons/year
Infrastructure Leakage Index (ILI) [CARL/UARL]:	0.72	

* only the most applicable of these two indicators will be calculated

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 51 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources

2: Customer metering inaccuracies

3: Total annual cost of operating water system

For more information, click here to see the Grading Matrix worksheet

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

Link to FAQs

View MOU

2010 BMP 1.2 Water Loss Control

AWWA Water Audit

Agency to complete a Water Audit & Balance Using The AWWA Software ⦿ Yes ○ No

Email to natalie@cuwcc.org - Worksheets (AWWA Water Audit). Enter the name of the file below:

Water Audit Validity Score from AWWA spreadsheet: 51

Agency Completed Training In The AWWA Water Audit Method ○ Yes ⦿ No

Agency Completed Training In The Component Analysis Process ○ Yes ⦿ No

Completed/Updated the Component Analysis (at least every 4 years)? ○ Yes ⦿ No

Component Analysis Completed/Updated Date

Water Loss Performance

Agency Repaired All Reported Leaks & Breaks To The Extent Cost Effective ⦿ Yes ○ No

Recording Keeping Requirements:

Date/Time Leak Reported	Leak Location
Type of Leaking Pipe Segment or Fitting	Leak Running Time From Report to Repair
Leak Volume Estimate	Cost of Repair

Agency Located and Repaired Unreported Leaks to the Extent Cost Effective ⦿ Yes ○ No

Type of Program Activities Used to Detect Unreported Leaks

Annual Summary Information

Complete the following table with annual summary information (required for reporting years 2-5 only)

Total Leaks Repaired	Economic Value Of Real Loss	Economic Value Of Apparent Loss	Miles Of System Surveyed For Leaks	Pressure Reduction Undertaken for loss reduction	Cost Of Interventions	Water Saved (AF/Year)

Comments:

AWWA WLCC Free Water Audit Software: Reporting Worksheet

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Back to Instructions

Click to access definition

Water Audit Report for: City of Paso Robles
Reporting Year: 2009 | 1/2009 - 12/2009

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the input data by grading each component (1-10) using the drop-down list to the left of the input cell. Hover the mouse over the cell to obtain a description of the grades

All volumes to be entered as: MILLION GALLONS (US) PER YEAR

WATER SUPPLIED

<< Enter grading in column 'E'

Volume from own sources:	6	2,061.437	Million gallons (US)/yr (MG/Yr)	
Master meter error adjustment (enter positive value):	6	0.100	under-registered	MG/Yr
Water imported:	n/a	0.000	MG/Yr	
Water exported:	n/a	0.000	MG/Yr	
WATER SUPPLIED:		2,061.537	MG/Yr	

AUTHORIZED CONSUMPTION

Click here: for help using option buttons below

				Pcnt:	Value:
Billed metered:	6	1,873.268	MG/Yr		
Billed unmetered:	n/a	0.000	MG/Yr		
Unbilled metered:	n/a	0.000	MG/Yr		
Unbilled unmetered:		25.769	MG/Yr	1.25%	

Default option selected for Unbilled unmetered - a grading of 5 is applied but not displayed

AUTHORIZED CONSUMPTION: 1,899.037 MG/Yr

Use buttons to select percentage of water supplied OR value

WATER LOSSES (Water Supplied - Authorized Consumption) 162.500 MG/Yr

Apparent Losses

				Pcnt:	Value:
Unauthorized consumption:		5.154	MG/Yr	0.25%	
Customer metering inaccuracies:	2	98.593	MG/Yr	5.00%	
Systematic data handling errors:	5	0.100	MG/Yr		
Apparent Losses:		103.847			

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Choose this option to enter a percentage of billed metered consumption. This is NOT a default value

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: 58.653 MG/Yr

WATER LOSSES: 162.500 MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER: 188.269 MG/Yr

= Total Water Loss + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	7	160.0	miles
Number of active AND inactive service connections:	6	10,800	
Connection density:		68	conn./mile main
Average length of customer service line:	10	5.0	ft (pipe length between curbstop and customer meter or property boundary)
Average operating pressure:	3	70.0	psi

COST DATA

Total annual cost of operating water system:	3	$5,000,000	$/Year
Customer retail unit cost (applied to Apparent Losses):	6	$1.32	$/100 cubic feet (ccf)
Variable production cost (applied to Real Losses):	3	$300.00	$/Million gallons

PERFORMANCE INDICATORS

Financial Indicators

Non-revenue water as percent by volume of Water Supplied:	9.1%
Non-revenue water as percent by cost of operating system:	4.2%
Annual cost of Apparent Losses:	$103,247
Annual cost of Real Losses:	$17,596

Operational Efficiency Indicators

Apparent Losses per service connection per day:	26.34	gallons/connection/day
Real Losses per service connection per day*:	14.88	gallons/connection/day
Real Losses per length of main per day*:	N/A	
Real Losses per service connection per day per psi pressure:	0.21	gallons/connection/day/psi
Unavoidable Annual Real Losses (UARL):	65.47	million gallons/year
From Above, Real Losses = Current Annual Real Losses (CARL):	58.65	million gallons/year
Infrastructure Leakage Index (ILI) [CARL/UARL]:	0.90	

* only the most applicable of these two indicators will be calculated

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 51 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources
2: Customer metering inaccuracies
3: Total annual cost of operating water system

For more information, click here to see the Grading Matrix worksheet

	Grading										
	n/a	1	2	3	4	5	6	7	8	9	10
Improvements to attain higher data grading for "Number of Active and Inactive customer service connections" component:		to qualify for 2: Draft new policy and procedures for permitting and billing. Research and collect paper records of installations & abandonments for several years prior to audit year.	to qualify for 4: Refine policy and procedures for permitting and billing. Research computerized recordkeeping system (Customer Information System or Customer Billing System) to improve documentation format for service connections.		to qualify for 6: Refine procedures to ensure consistency with permitting policy to establish new service connections or decommission existing connections. Improve process to include all totals for at least five years prior to audit year.		Formalize regular review of permitting policy and procedures. Launch random field checks of limited number of locations. Develop reports and auditing mechanisms for computerized information management system.		to qualify for 10: Close any procedural loopholes that allow installations to go undocumented. Link computerized information management system with Geographic Information System (GIS) and formalize field inspection and information system auditing processes. Documentation of new or decommissioned service connections encounters several levels of checks and balances.		to maintain 10: Continue with standardization and random field validation to improve knowledge of system.
Average length of customer service line:	Note: if customer water meters are located outside of the customer building next to the curbstop or boundary separating utility/customer responsibility, follow the grading description for 10(a). Also see the Service Connection Diagram worksheet.	Gradings 1-9 apply if customer properties are unmetered, if customer meters exist and are located inside the customer building premises, or if the water utility owns and is responsible for the entire service connection piping from the water main to the customer building. In any of these cases the average distance between the curbstop or boundary separating utility/customer responsibility for service connection piping, and the typical first point of use (ex. faucet) or the customer meter must be quantified. Gradings of 1-9 are used to grade the validity of the means to quantify this value (See the "Service Connection Diagram" worksheet)									Either of two conditions can be met to obtain a grading of 10: a) The customer water meter is located outside of the customer building adjacent to the curbstop or boundary separating utility/customer responsibility for the service connection piping. In this case enter a value of zero in the Reporting Worksheet with a grading of 10. b) Customer water meters are located inside customer buildings, or the properties are unmetered. In either case the distance is highly reliable since data is drawn from a Geographic Information System (GIS) and confirmed by routine field checks.
		Vague policy exists to define the delineation of water utility ownership and customer ownership of the service connection piping. Curbstops are perceived as the breakpoint but these have not been well-maintained or documented. Most are buried or obscured. Their location varies widely from site-to-site, and estimating this distance is arbitrary due to the unknown location of many curbstops.	Policy requires that the curbstop serves as the delineation point between water utility ownership and customer ownership of the service connection piping. The piping from the water main to the curbstop is the property of the water utility, and the piping from the curbstop to the customer building is owned by the customer. Curbstop locations are not well documented and the average distance is based upon a limited number of locations measured in the field.	Conditions between 2 and 4	Good policy requires that the curbstop serves as the delineation point between water utility ownership and customer ownership of the service connection piping. Curbstops are generally installed as needed and are reasonably documented. Their location varies widely from site-to-site, and an estimate of this distance is hindered by the availability of paper records.	Conditions between 4 and 6	Clear policy exists to define utility/customer responsibility for service connection piping. Accurate, well-maintained paper or basic electronic recordkeeping system exists. Periodic field checks confirm piping lengths for a sample of customer properties.	Conditions between 6 and 8	Clearly worded policy standardizes the location of curbstops and meters, which are inspected upon installation. Accurate and well maintained electronic records exist with periodic field checks to confirm locations of service lines, curbstops and customer meter pits. An accurate number of customer properties from the customer billing system allows for reliable averaging of this length.	Conditions between 8 and 10	
Improvements to attain higher data grading for "Average Length of Customer Service Line" component:		to qualify for 2: Research and collect paper records of service line installations. Inspect several sites in the field using pipe locators to locate curbstops. Obtain the length of this small sample of connections in this manner.	to qualify for 4: Formalize and communicate policy delineating utility/customer responsibilities for service connection piping. Assess accuracy of paper records by field inspection of a small sample of service connections using pipe locators as needed. Research the potential migration to a computerized information management system to store service connection data.		to qualify for 6: Establish coherent procedures to ensure that policy for curbstop, meter installation and documentation is followed. Gain consensus within the water utility for the establishment of a computerized information management system.		to qualify for 8: Implement an electronic means of recoidkeeping, typically via a customer information system or customer billing system. Standardize the process to conduct field checks of limited number of locations.		to qualify for 10: Link customer information management system and Geographic Information System (GIS), standardize process for field verification of data.		to maintain 10: Continue with standardization and random field validation to improve knowledge of system.
Average operating pressure:		Available records are poorly assembled and maintained paper records of supply pump characteristics and water distribution system operating conditions. Average pressure is guesstimated based upon this information and ground elevations from crude topographical maps. Widely varying distribution system pressures due to undulating terrain, high system head loss and weak/erratic pressure controls further compromise the validity of the average pressure calculation.	Limited telemetry monitoring of scattered sites provides some static pressure data, which is recorded in handwritten logbooks. Pressure data is gathered at individual sites only when low pressure complaints arise. Average pressure is determined by averaging relatively crude data, and is affected by significant variation in ground elevations, system head loss and gaps in pressure controls in the distribution system.	Conditions between 2 and 4	Effective pressure controls separate different pressure zones, moderate pressure variation across the system, occasional open boundary valves are discovered that breech pressure zones. Basic telemetry monitoring of the distribution system logs pressure data electronically. Pressure data gathered by gauges or dataloggers at fire hydrants or buildings when low pressure complaints arise, and during fire flow tests and system flushing. Reliable topographical data exists. Average pressure is calculated using this mix of data.	Conditions between 4 and 6	Reliable pressure controls separate distinct pressure zones, only very occasional open boundary valves are encountered that breech pressure zones. Well-covered telemetry monitoring of the distribution system logs extensive pressure data electronically. Pressure gathered by gauges/dataloggers at fire hydrants and buildings when low pressure complaints arise, and during fire flow tests and system flushing. Average pressure is determined by using this mix of reliable data.	Conditions between 6 and 8	Well-managed, discrete pressure zones exist with generally predictable pressure fluctuations. A current full-scale SCADA System exists to monitor the water distribution system and collect data, including real time pressure readings at representative sites across the system. The average system pressure is determined from reliable SCADA System data.	Conditions between 8 and 10	Well-managed pressure districts/zones, SCADA System and hydraulic model exist to give very precise pressure data across the water distribution system. Average system pressure is reliably calculated from extensive, reliable, and cross-checked data.

Grading											
	n/a	1	2	3	4	5	6	7	8	9	10
Improvements to attain higher data grading for "Average Operating Pressure" component:		to qualify for 2: Employ pressure gauging and/or datalogging equipment to obtain pressure measurements from fire hydrants. Locate accurate topographical maps of service area in order to confirm ground elevations. Research pump data sheets to find pump pressure/flow characteristics	to qualify for 4 Formalize a procedure to use pressure gauging/datalogging equipment to gather pressure data during various system events such as low pressure complaints, or operational testing. Gather pump pressure and flow data at different flow regimes. Identify faulty pressure controls (pressure reducing valves, altitude valves, partially open boundary valves) and plan to properly configure pressure zones. Make all pressure data from these efforts available to generate system-wide average pressure.		to qualify for 6: Expand the use of pressure gauging/datalogging equipment to gather scattered pressure data at a representative set of sites, based upon pressure zones or areas. Utilize pump pressure and flow data to determine supply head entering each pressure zone or district. Correct any faulty pressure controls (pressure reducing valves, altitude valves, partially open boundary valves) to ensure properly configured pressure zones. Use expanded pressure dataset from these activities to generate system-wide average pressure.		to qualify for 8: Install a Supervisory Control and Data Acquisition (SCADA) System to monitor system parameters and control operations. Set regular calibration schedule for instrumentation to insure data accuracy. Obtain accurate topographical data and utilize pressure data gathered from field surveys to provide extensive, reliable data for pressure averaging.		to qualify for 10: Obtain average pressure data from hydraulic model of the distribution system that has been calibrated via field measurements in the water distribution system and confirmed in comparisons with SCADA System data.		to maintain 10: Continue to refine the hydraulic model of the distribution system and consider linking it with SCADA System for real-time pressure data calibration, and averaging.

	Grading										
	n/a	1	2	3	4	5	6	7	8	9	10
	COST DATA										
Total annual cost of operating water system:		Incomplete paper records and lack of documentation on many operating functions making calculation of water system operating costs a pure guesstimate	Reasonably maintained, but incomplete, paper or electronic accounting provides data to estimate the major portion of water system operating costs	Conditions between 2 and 4	Electronic, industry-standard cost accounting system in place. Gaps in data known to exist, periodic internal reviews conducted but not a structured audit	Conditions between 4 and 6	Reliable electronic, industry-standard cost accounting system in place, with all pertinent water system operating costs tracked. Data audited periodically by utility personnel, not a Certified Public Accountant (CPA)	Conditions between 6 and 8	Reliable electronic, industry-standard cost accounting system in place, with all pertinent water system operating costs tracked. Data audited at least annually by utility personnel, and periodically by third-party CPA	Conditions between 8 and 10	Reliable electronic, industry-standard cost accounting system in place, with all pertinent water system operating costs tracked. Data audited annually by utility personnel and by third-party CPA
Improvements to attain higher data grading for "Total Annual Cost of Operating the Water System" component:		to qualify for 2: Gather available records, institute new procedures to regularly collect and audit basic cost data of most important operations functions	to qualify for 4: Implement an electronic cost accounting system, structured according to accounting standards for water utilities		to qualify for 6: Establish process for periodic internal audit of water system operating costs; identify cost data gaps and institute procedures for tracking these outstanding costs.		to qualify for 8: Standardize the process to conduct routine financial audit on an annual basis		to qualify for 10: Standardize the process to conduct a third-party financial audit by a CPA on an annual basis.		to maintain 10: Maintain program, stay abreast of expenses subject to erratic cost changes and budget/track costs proactively
Customer retail unit cost (applied to Apparent Losses)		Antiquated, cumbersome water rate structure is use, with periodic historic amendments that were poorly documented and implemented, resulting in classes of customers being billed inconsistent charges. The actual composite billing rate likely differs significantly from the published water rate structure, but a lack of auditing leaves the degree of error indeterminate	Dated, cumbersome water rate structure, not always employed consistently in actual billing operations. The actual composite billing rate is known to differ from the published water rate structure, and a reasonably accurate estimate of the degree of error is determined allowing a composite billing rate to be quantified.	Conditions between 2 and 4	Straight-forward water rate structure in use, but not updated in several years. Billing operations reliably employ the rate structure. The composite billing rate is derived from a single customer class such as residential customer accounts, neglecting the effect of different rates from varying customer classes	Customer population unmetered Fixed fee charged, single composite number derived from multiple customer classes	Clearly written, up-to-date water rate structure is in force and is applied reliably in billing operations. Composite customer rate is determined using a weighted average residential rate using volumes of water in each rate block.	Conditions between 6 and 8	Effective water rate structure is in force and is applied reliably in billing operations. Composite customer rate is determined using a weighted average composite consumption rate, including residential, commercial, industrial and any other customer classes within the water rate structure	Conditions between 8 and 10	Third party reviewed weighted average composite consumption rate (includes residential, commercial, industrial, etc.)
Improvements to attain higher data grading for "Customer Retail Unit Cost" component:		to qualify for 2: Formalize the process to implement water rates, including a secure documentation procedure. Create a current, formal water rate document and gain approval from all stakeholders.	to qualify for 4: Review the water rate structure and update/formalize as needed. Assess billing operations to ensure that actual billing operations incorporate the established water rate structure.		to qualify for 6: Evaluate volume of water used in each usage block by residential users. Multiply volumes by full rate structure.	Meter customers and charge rates based upon water volumes	to qualify for 8: Evaluate volume of water used in each usage block by all classifications of users. Multiply volumes by full rate structure		to qualify for 10: Conduct a periodic third-party audit of water used in each usage block by all classifications of users. Multiply volumes by full rate structure.		to maintain 10: Keep water rate structure current in addressing the water utility's revenue needs. Update the calculation of the customer unit rate as new rate components, customer classes, or other components are modified.
Variable production cost (applied to Real Losses)	Note: if the water utility purchases/imports its entire water supply, then enter the unit purchase cost of the bulk water supply in the Reporting Worksheet with a grading of 10	Incomplete paper records and lack of documentation on primary operating functions (electric power and treatment costs most importantly) makes calculation of variable production costs a pure guesstimate	Reasonably maintained but incomplete, paper or electronic accounting provides data to roughly estimate the basic operations costs (pumping power costs and treatment costs) and calculate a unit variable production cost	Conditions between 2 and 4	Electronic, industry-standard cost accounting system in place. Electric power and treatment costs are reliably tracked and allow accurate calculation of unit variable production costs based on these two inputs only. All costs are audited internally on a periodic basis	Conditions between 4 and 6	Reliable electronic, industry-standard cost accounting system in place, with all pertinent water system operating costs tracked. Pertinent additional costs beyond power and treatment (ex: liability, residuals management, etc.) are included in the unit variable production cost. Data audited at least annually by utility personnel	Conditions between 6 and 8	Reliable electronic, industry-standard cost accounting system in place, with all pertinent variable production costs tracked. Data audited at least annually by utility personnel, and periodically by third-party	Conditions between 8 and 10	Either of two conditions can be met to obtain a grading of 10 1) Third party CPA audit of all primary and secondary cost components on an annual basis or 2) Water supply is entirely purchased as bulk imported water, and unit purchase cost serves as the variable production cost.
Improvements to attain higher data grading for "Variable Production Cost" component:		to qualify for 2: Gather available records, institute new procedures to regularly collect and audit basic cost data and most important operations functions.	to qualify for 4: Implement an electronic cost accounting system, structured according to accounting standards for water utilities		to qualify for 6: Formalize process for regular internal audits of production costs. Assess whether additional costs (liability, residuals management, etc.) should be included to calculate a more accurate variable production cost.		to qualify for 8: Formalize the accounting process to include primary cost components (power, treatment) as well as secondary components (liability, residuals management, etc.) Conduct periodic third-party audits.		to qualify for 10: Standardize the process to conduct a third-party financial audit by a CPA on an annual basis.		to maintain 10: Maintain program, stay abreast of expenses subject to erratic cost changes and budget/track costs proactively

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

BMP 1.3 Metering with Commodity

Link to FAQs

See the complete MOU: View MOU

2009

See the coverage requirements for this BMP:

Implementation

Does your agency have any unmetered service connections? ○ Yes ⊙ No

If YES, has your agency completed a meter retrofit plan? ○ Yes ○ No

Enter the number of previously unmetered accounts fitted with meters during reporting year:

Are all new service connections being metered? ⊙ Yes ○ No

Are all new service connections being billed volumetrically? ⊙ Yes ○ No

Has your agency completed and submitted electronically to the Council a written plan, policy or program to test, repair and replace meters? ○ Yes ⊙ No

Please Fill Out The Following Matrix

Account Type	# Metered Accounts	# Metered Accounts Read	# Metered Accounts Billed by Volume	Billing Frequency Per Year	# of estimated bills/yr
Single-Family	8,610	8,610		Monthly	0
Multi-Family	378	378		Monthly	0
Commercial	752	752		Monthly	0
Industrial	70	70		Monthly	0
Dedicated Irrigatic	376	376		Monthly	0
Other	80	80		Monthly	0
Other				Other	
Other				Other	
Other				Other	
Other				Other	

Number of CII Accounts with Mixed-use Meters: 0

Number of CII Accounts with Mixed-use Meters Retrofitted with Dedicated Irrigation Meters during Reporting Period: 0

Feasibility Study

Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? ○ Yes ⊙ No

If YES, please fill in the following information:

A. When was the Feasiblity Study conducted

B. Email or provide a link to the feasibility study (or description of):

File name(s): Email files to natalie@cuwcc.org Enter the file name here e.g. WaterWastePreventionOrdinance

Web address(s) URL: comma-separated list Enter the URL to your documentation.

General Comments about BMP 1.3:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

BMP 1.3 Metering with Commodity

2010

Link to FAQs

See the complete MOU: View MOU

See the coverage requirements for this BMP:

Implementation

Does your agency have any unmetered service connections? ○ Yes ⊙ No

If YES, has your agency completed a meter retrofit plan? ○ Yes ○ No

Enter the number of previously unmetered accounts fitted with meters during reporting year:

Are all new service connections being metered? ⊙ Yes ○ No

Are all new service connections being billed volumetrically? ⊙ Yes ○ No

Has your agency completed and submitted electronically to the Council a written plan, policy or program to test, repair and replace meters? ○ Yes ⊙ No

Please Fill Out The Following Matrix

Account Type	# Metered Accounts	# Metered Accounts Read	# Metered Accounts Billed by Volume	Billing Frequency Per Year	# of estimated bills/yr
Single-Family	8,661	8,661	8,661	Monthly	0
Multi-Family	401	401	401	Monthly	0
Commericial	752	752	752	Monthly	0
Industrial	71	71	71	Monthly	0
Dedicated Irrigatic	379	379	379	Monthly	0
Other	12	12	12	Monthly	0
Other				Other	
Other				Other	
Other				Other	
Other				Other	

Number of CII Accounts with Mixed-use Meters: 0

Number of CII Accounts with Mixed-use Meters Retrofitted with Dedicated Irrigation Meters during Reporting Period: 0

Feasibility Study

Has your agency conducted a feasibility study to assess the merits of a program to provide incentives to switch mixed-use accounts to dedicated landscape meters? ○ Yes ⊙ No

If YES, please fill in the following information:

A. When was the Feasiblity Study conducted

B. Describe, upload or provide an electronic link to the Feasibility Study Upload File

File name(s): Email files to natalie@cuwcc.org

Web address(s) URL: comma-separated list

Comments:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

CUWCC

BMP 1.4 Retail Conservation Pricing

Link to FAQs

View MOU

If you are reporting more rate structures than this form allows, add the structures to a spreadsheet and send the file to natalie@cuwcc.org.

2009

Implementation (Water Rate Structure)

Enter the Water Rate Structures that are assigned to the majority of your customers, by customer class

Rate Structure	Customer Class	Total Revenue Commodity Charges	Total Revenue Customer Meter/Service (Fixed Charges)
Uniform	Other	3,505,657.10	2,190,455.00
Select a Rate Struc	Other		
Select a Rate Struc	Other		
Select a Rate Struc	Other		
Select a Rate Struc	Other		
Select a Rate Struc	Other		
Select a Rate Struc	Other		

Implementation Option (Conservation Pricing Option)

- (•) Use Annual Revenue As Reported
- ( ) Use Canadian Water & Wastewater Association Rate Design Model

If CWWA is select, enter the file name and email the spreadsheet to natalie@cuwcc.org

Retail Waste Water (Sewer) Rate Structure by Customer Class

Agency Provide Sewer Service (•) Yes ( ) No

Select the Retail Waste Water(Sewer) Rate Structure assigned to the majority of your customers within a specific customer class.

Rate Structure	Customer Class	Total Revenue Commodity Charges	Total Revenue Customer Meter/Service (Fixed Charges)
Non-Volumetric Fla	Single-Family		
Uniform	Commercial		
Uniform	Industrial		
Select a Rate Struc	Other		
Select a Rate Struc	Other		
Select a Rate Struc	Other		
Select a Rate Struc	Other		

Comments:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

You must enter the reporting unit number that we have on record for your agency. Click here to open a table to obtain this number.

CUWCC 2010

BMP 1.4 Retail Conservation Pricing

Link to FAQs

View MOU

If you are reporting more rate structures than this form allows, add the structures to a spreadsheet and send the file to natalie@cuwcc.org.

Implementation (Water Rate Structure)

Enter the Water Rate Structures that are assigned to the majority of your customers, by customer class

Rate Structure	Customer Class	Total Revenue Commodity Charges	Total Revenue Customer Meter/Service (Fixed Charges)
Uniform	Other	3,305,854.00	2,246,000.00
Uniform Seasonal	Other		
Uniform	Other		
Uniform	Other		
Uniform	Other		
Uniform	Other		
Uniform	Other		

Implementation Option (Conservation Pricing Option)

- (•) Use Annual Revenue As Reported
- ( ) Use Canadian Water & Wastewater Association Rate Design Model

If CWWA is select, enter the file name and email the spreadsheet to natalie@cuwcc.org

Retail Waste Water (Sewer) Rate Structure by Customer Class

Agency Provide Sewer Service (•) Yes ( ) No

Select the Retail Waste Water(Sewer) Rate Structure assigned to the majority of your customers within a specific customer class.

Rate Structure	Customer Class	Total Revenue Commodity Charges	Total Revenue Customer Meter/Service (Fixed Charges)
Non-Volumetric Fla	Single-Family		
Uniform	Commercial		
Uniform	Industrial		
Select a Rate Struc	Other		
Select a Rate Struc	Other		
Select a Rate Struc	Other		
Select a Rate Struc	Other		

Comments:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name):

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

Link to FAQs

View MOU

2009 BMP 2.1 Public Outreach - Retail Reporting

Is a Wholesale Agency Performing Public Outreach?

Are there one or more wholesale agencies performing public outreach which can be counted to help your agency comply with the BMP? ○ Yes ◉ No

Enter the name(s) of the wholesale agency (comma delimited)

Is your agency performing public outreach?

Report a minimum of 4 water conservation related contacts your agency had with the public during the year.

Public Information Programs List

Did at least one contact take place during each quarter of the reporting year? ☑

Number of Public Contacts	Public Information Programs
100,000	Newsletter articles on conservation
1	Landscape water conservation media campaigns
2,500	Website
10,000	Newsletter articles on conservation
	Select a public contact

Contact with the Media

Are there one or more wholesale agencies performing media outreach which can be counted to help your agency comply with the BMP? ○ Yes ○ No

Enter the name(s) of the wholesale agency (comma delimited)

OR Retail Agency (Contacts with the Media)

Did at least one contact take place during each quarter of the reporting year? ☐

Media Contacts List

Number of Media Contacts	Did at least one contact take place during each quarter of the reporting year?	Media Contact Types
12		Radio contacts
3		Articles or stories resulting from outreach
4		Newspaper contacts
2		Television contacts
1		Written editorials
		Select a type of media contact

Is a Wholesale Agency Performing Website Updates?

Did one or more CUWCC wholesale agencies agree to assume your agency's responsibility for meeting the requirements of and for CUWCC reporting of this BMP? ○Yes ⊙No

Enter the name(s) of the wholesale agency (comma delimited)

Is Your Agency Performing Website Updates?

Enter your agency's URL (website address): www.prcity.com/government/departments/publicworks/water/conservation/index.asp

Describe a minimum of four water conservation related updates to your agency's website that took place during the year: Made several changes to the website in 2009, added significant content on Level 2 water use restrictions and water conservation techniques.

Did at least one Website Update take place during each quarter of the reporting year? ⊙Yes ○No

Public Outreach Annual Budget

Enter budget for public outreach programs. You may enter total budget in a single line or brake the budget into discrete categories by entering many rows. Please indicate if personnel costs are included in the entry.

Category	Amount		Personnel Costs Included? If yes, check the box.	Comments	
Outreach	$50,000		☐		
			☐		
			☐		
			☐		
			☐		
			☐		

Comments:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name):

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

Link to FAQs

View MOU

2009

BMP 2.1 Public Outreach Cont'd

Public Outreach Expenses

Enter expenses for public outreach programs. Please include the same kind of expenses you included in the question related to your budget (Section 2.1.7, above). For example, if you included personnel costs in the budget entered above, be sure to include them here as well.

Expense Category	Expense Amount	Personnel Costs Included?
		☐ If yes, check the check box.
		☐
		☐
		☐

Additional Public Information Program

Please report additional public information contacts. List these additional contacts in order of how your agency views their importance / effectiveness with respect to conserving water, with the most important/ effective listed first (where 1 = most important).

Were there additional Public Outreach efforts? ○ Yes ○ No

Public Outreach Additional Information

Public Information Programs	Importance

Social Marketing Programs

Branding

Does your agency have a water conservation "brand," "theme" or mascot? ⦿ Yes ○ No

Describe the brand, theme or mascot.

We have a water conservation logo we use in all outreach materials

Market Research

Have you sponsored or participated in market research to refine your message? ○ Yes ○ No

Market Research Topic

Brand Message

Brand Mission Statement

Community Committees

Do you have a community conservation committee? ○ Yes ⊙ No

Enter the names of the community committees:

Training

Training Type	# of Trainings	# of Attendees	Description of Other
Waterwise Landscape	$2	$60	

Social Marketing Expenditures

Public Outreach Social Marketing Expenses

Expense Category	Expense Amount	Description

Partnering Programs - Partners

Name	Type of Program
☑ CLCA?	Speak at meetings
☐ Green Building Programs?	
☐ Master Gardeners?	
☐ Cooperative Extension?	
☐ Local Colleges?	
☑ Other	San Luis Obispo County Parners in Water Conservation

☐ Retail and wholesale outlet; name(s) and type(s) of programs:

Partnering Programs - Newsletters

Number of newsletters per year

Number of customers per year

Partnering with Other Utilities

Describe other utilities your agency partners with, including electrical utilities

Conservation Gardens

Describe water conservation gardens at your agency or other high traffic areas or new

Landscape contests or awards

Describe water wise landscape contest or awards program conducted by your agency

Comments:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

CUWCC

Link to FAQs

View MOU

2010 BMP 2.1 Public Outreach - Retail Reporting

Is a Wholesale Agency Performing Public Outreach?

Are there one or more wholesale agencies performing public outreach which can be counted to help your agency comply with the BMP? ○ Yes ◉ No

Enter the name(s) of the wholesale agency (comma delimited)

Is your agency performing public outreach?

Report a minimum of 4 water conservation related contacts your agency had with the public during the year.

Public Information Programs List

Did at least one contact take place during each quarter of the reporting year? ☑

Number of Public Contacts	Public Information Programs
100,000	Flyers and/or brochures (total copies), bill stuffers, messages printed on bill, information packets
1	Landscape water conservation media campaigns
2,500	Website
10,000	Newsletter articles on conservation
	Select a public contact

Contact with the Media

Are there one or more wholesale agencies performing media outreach which can be counted to help your agency comply with the BMP? ○ Yes ◉ No

Enter the name(s) of the wholesale agency (comma delimited)

OR Retail Agency (Contacts with the Media)

Media Contacts List

Did at least one contact take place during each quarter of the reporting year? ☑

Number of Media Contacts	Did at least one contact take place during each quarter of the reporting year?	Media Contact Types
12		Radio contacts
3		Articles or stories resulting from outreach
4		Newspaper contacts
2		Television contacts
1		Written editorials
		Select a type of media contact

Is a Wholesale Agency Performing Website Updates?

Did one or more CUWCC wholesale agencies agree to assume your agency's responsibility for meeting the requirements of and for CUWCC reporting of this BMP? ○ Yes ⊙ No

Enter the name(s) of the wholesale agency (comma delimited)

Is Your Agency Performing Website Updates?

Enter your agency's URL (website address): www.pcity.com/government/departments/publicworks/water/conservation/index.asp

Describe a minimum of four water conservation related updates to your agency's website that took place during the year: Totally revamped the Conservation website this year, adding many screens and links to documents, pictures, etc.

Did at least one Website Update take place during each quarter of the reporting year? ⊙ Yes ○ No

Public Outreach Annual Budget

Enter budget for public outreach programs. You may enter total budget in a single line or brake the budget into discrete categories by entering many rows. Please indicate if personnel costs are included in the entry.

Category	Amount		Personnel Costs Included? If yes, check the box.	Comments
Outreach	$50,000		☐	
			☐	
			☐	
			☐	
			☐	
			☐	

Comments:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

Link to FAQs

View MOU

2010

BMP 2.1 Public Outreach Cont'd

Public Outreach Expenses

Enter expenses for public outreach programs. Please include the same kind of expenses you included in the question related to your budget (Section 2.1.7, above). For example, if you included personnel costs in the budget entered above, be sure to include them here as well.

Expense Category	Expense Amount	Personnel Costs Included?
		☐ If yes, check the check box.
		☐
		☐
		☐

Additional Public Information Program

Please report additional public information contacts. List these additional contacts in order of how your agency views their importance / effectiveness with respect to conserving water, with the most important/ effective listed first (where 1 = most important).

Were there additional Public Outreach efforts? ⊙ Yes ○ No

Public Outreach Additional Information

Public Information Programs	Importance

Social Marketing Programs

Branding

Does your agency have a water conservation "brand," "theme" or mascot? ⊙ Yes ○ No

Describe the brand, theme or mascot.

We have a water conservation program logo that we use in all our outreach materials.

Market Research

Have you sponsored or participated in market research to refine your message? ○ Yes ⊙ No

Market Research Topic

Brand Message

Brand Mission Statement

Community Committees

Do you have a community conservation committee? ○ Yes ⊙ No

Enter the names of the community committees:

Training

Training Type	# of Trainings	# of Attendees	Description of Other
Waterwise Landscape	$2	$60	

Social Marketing Expenditures

Public Outreach Social Marketing Expenses

Expense Category	Expense Amount	Description

Partnering Programs - Partners

Name	Type of Program
☑ CLCA?	Speak at meetings
☐ Green Building Programs?	
☐ Master Gardeners?	
☑ Cooperative Extension?	
☐ Local Colleges?	
☑ Other	San Luis Obispo County Partners in Water Conservation

☐ Retail and wholesale outlet; name(s) and type(s) of programs:

Partnering Programs - Newsletters

Number of newsletters per year

Number of customers per year

Partnering with Other Utilities

Describe other utilities your agency partners with, including electrical utilities

Atascadero Mutual Water Company, Templeton CSD partners in putting on Waterwise Landscape Workshops

Conservation Gardens

Describe water conservation gardens at your agency or other high traffic areas or new

Landscape contests or awards

Describe water wise landscape contest or awards program conducted by your agency

Comments:

The fields in red are required.

Agency name: City of Paso Robles

Reporting unit name (District name): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

Click here to open a table that displays your agency name reporting unit name and reporting unit number. Please ensure that you enter the correct information.

Link to FAQs

View MOU

2010

BMP 2.2 School Education Programs, Retail Agencies

School Programs

Is your agency implementing school programs which can be counted to help another agency comply with this BMP? ○Yes ⊙No

Enter Wholesaler Names, separated by commas:

☑ Materials meet state education framework requirements?

Description of Materials: Interactive presentation with worksheet and take home activity.

☐ Materials distributed to K-6 Students?

Description of materials distributed to K-6 Students: Presentation made to grades 3-6

Number of students reached: 780

☐ Materials distributed to 7-12 Students?

Description of materials distributed to 7-12 Students:

Number of Distribution:

Annual budget for school education program: $4,000.00

Description of all other water supplier education programs:

School Program Activities

Classroom presentations:

Number of presentations: 26

Number of attendees: 780

Large group assemblies:

Number of presentations:

Number of attendees:

Children's water festivals or other events:

Number of presentations:

Number of attendees:

Cooperative efforts with existing science/water education programs (various workshops, science fair awards or judging) and follow-up:

Number of presentations:

Number of attendees:

Other methods of disseminating information (i.e. themed age-appropriate classroom loaner kits):

Description

Number distributed

Staffing children's booths at events & festivals:

Number of booths: 2

Number of attendees: 1000

Water conservation contests such as poster and photo:

Description: Festival of the Arts Booth - Rain barrel painting activity
Earth Day Booth in Atascadero

Number distributed

Offer monetary awards/funding or scholarships to students:

Number Offered

Total Funding

Teacher training workshops:

Number of presentations

Number of attendees

Fund and/or staff student field trips to treatment facilities, recycling facilities, water conservation gardens, etc.:

Number of tours or field trips

Number of participants

College internships in water conservation offered:

Number of internships

Total funding

Career fairs/workshops:

Number of presentations

Number of attendees

Additional program(s) supported by agency but not mentioned above:

Description

Number of events (if applicable)

Number of participants

Total reporting period budget expenditures for school education programs (include all agency costs): $3640

Comments

Education consulting firm conducts classroom presentations.

The fields in red are required.

Agency name: City of Paso Robles

Division name (Reporting unit): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

CUWCC

WATER SOURCES

2009

Service Area Population: 29949

Potable Water

Own Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
Wells	6,661.81	Groundwater	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	

Imported Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	

Exported Water Name	AF/YEAR	Where Exported?

The fields in red are required.

Agency name: City of Paso Robles

Division name (Reporting unit): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

CUWCC

Service Area Population: 29949

2009

Non- Potable Water

If you select Other for type, enter

Own Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
	0.00	Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	

Imported Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
	0.00	Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	

Exported Water Name	AF/YEAR	Where Exported? such as groundwater recharge, retail,
	0.00	

The fields in red are required.

Agency name: City of Paso Robles

Division name (Reporting unit): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

Water Uses 2009

Potable Water Billed

Make sure to enter numbers in AF/Year.

Customer Type	Meter Accounts	Metered Water Delivered	Un-metered Accounts	Un-metered Water Delivered	Description
Single-Family	8,610.00	3,751.69			
Multi-Family	378.00	543.07			
Commercial	627.00	790.13			
Industrial	70.00	148.18			
Institutional	80.00	26.53			
Dedicated Irrigation	391.00	836.88			
Other					
Other					
Other					
Other					
Other					
Other					
Other					

Potable Water Un-Billed

Customer Type	Meter Accounts	Metered Water Delivered	Un-metered Accounts	Un-metered Water Delivered	Description
Other	0.00	0.00	0.00	0.00	
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					

The fields in red are required.

Agency name: City of Paso Robles

Division name (Reporting unit): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

CUWCC

WATER SOURCES

Service Area Population: 30,072

2010

Potable Water

Own Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
Wells	6,326.32	Groundwater	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	

Imported Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	
		Other	

Exported Water Name	AF/YEAR	Where Exported?

The fields in red are required.

Agency name: City of Paso Robles

Division name (Reporting unit): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

Water Uses 2010

Potable Water Billed

Make sure to enter numbers in AF/Year.

Customer Type	Meter Accounts	Metered Water Delivered	Un-metered Accounts	Un-metered Water Delivered	Description
Single-Family	8,661.00	3,435.00	0.00	0.00	
Multi-Family	401.00	573.00	0.00	0.00	
Commercial	676.00	656.00	0.00	0.00	
Industrial	71.00	154.00	0.00	0.00	
Institutional	76.00	91.00	0.00	0.00	
Dedicated Irrigation	391.00	840.00	0.00	0.00	
Other					
Other					
Other					
Other					
Other					
Other					
Other					

Potable Water Un-Billed

Customer Type	Meter Accounts	Metered Water Delivered	Un-metered Accounts	Un-metered Water Delivered	Description
Other	0.00	0.00	0.00	0.00	
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					

The fields in red are required.

Agency name: City of Paso Robles

Division name (Reporting unit): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

Water Uses 2010

Non-Potable Billed

Customer Type	Meter Accounts	Metered Water Delivered	Un-metered Accounts	Un-metered Water Delivered	Description
Other	0.00	0.00	0.00	0.00	
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					

Non-Potable Un-Billed

Customer Type	Meter Accounts	Metered Water Delivered	Un-metered Accounts	Un-metered Water Delivered	Description
Other	0.00	0.00	0.00	0.00	
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					
Other					

The fields in red are required.

Agency name: City of Paso Robles

Division name (Reporting unit): City of Paso Robles

Reporting unit number: 7051

Primary contact:

First name: Keith

Last name: Larson

Email: klarson@prcity.com

CUWCC

2010

Service Area Population: 30,072

Non- Potable Water

Own Supply Source Name	AF/YEAR	Water Supply Type	If you select Other for type, enter Water Supply Description
	0.00	Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	

Imported Supply Source Name	AF/YEAR	Water Supply Type	Water Supply Description
	0.00	Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	
		Select a water type.	

Exported Water Name	AF/YEAR	Where Exported? such as groundwater recharge, retail,
	0.00	

California Urban Water Conservation Council

TARGETS / COMPLIANCE
(SBx7-7)

Input cells:
Calculated cells:

Target Summary	2020	2015
Method 1	192.9	217.0
Method 2	N/A	N/A
Method 3	N/A	N/A
Method 4	0.0	0.0
	Min Value	Max Value

GPCD in 2010	
Base daily per capita water use (10-15yr baseline)	241.1
Base daily per capita water use (5yr baseline)	238.2
Max. allowable GPCD target in 2020 (95% x 5yr baseline)	226.3

Method 1: Baseline per Capita Water Use

80% x Base daily per capita water use (10-15yr baseline): 192.9

2015 Target: 217.0
2020 Target: 192.9

Method 2: Performance Standards

TM 2 Indoor Water Use allowance: 0.0
TM 6 Landscaped Area Water Use: 0.0
TM 7 Baseline CII Water Use: 0.0

2015 Target: N/A
2020 Target: N/A

Method 3: Hydrologic Region Targets

Enter the percentage of your service area population in each hydrologic region

Region	Region Name	% Population	GPCD Target
1	North Coast		137
2	San Francisco Bay		131
3	Central Coast		123
4	South Coast		149
5	Sacramento River		176
6	San Jacinto		174
7	Tulare lake		188
8	North Lahontan		173
9	South Lahontan		170
10	Colorado River		211
		0.0%	

2015 Target: N/A
2020 Target: N/A

Method 4:

To be Developed

California Urban Water Conservation Council

TARGETS / COMPLIANCE
(CUWCC MOU)

Baseline / Initial GPCD
(Use option buttons to select)

GPCD in 2006 ○	
Baseline GPCD (1997 to 2006) ◉	241.2
GPCD in 2010	
GPCD Target for 2018	197.8

Potable Water GPCD for each Year in the Baseline Period

Year	GPCD
2006	228.5
2005	236.4
2004	244.9
2003	248.3
2002	253.9
2001	238.0
2000	235.5
1999	244.0
1998	
1997	

Biennial GPCD Compliance Table

Year	Report	Target		Highest Acceptable Bound	
		% Base	GPCD	% Base	GPCD
2010	1	96.4%	232.5	100%	241.2
2012	2	92.8%	223.8	96.4%	232.5
2014	3	89.2%	215.1	92.8%	223.8
2016	4	85.6%	206.5	89.2%	215.1
2018	5	82.0%	197.8	82.0%	197.8

Monthly GPCD Data for Weather Normalization

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2010												
Baseline avg*	124.1	116.3	147.8	194.7	290.1	347.5	386.8	378.5	331.3	269.6	168.5	138.9

* The average for each month is based on the baseline period 1997 to 2006

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GPCD Matrix

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL GPCD
2010													
2009													
2008	120.8	112.7	174.5	224.5	292.2	328.5	353.1	353.8	311.0	267.4	169.9	127.2	235.3
2007	142.4	111.9	174.9	241.2	311.3	339.6	374.1	352.9	305.4	246.4	194.6	144.6	244.9
2006	114.1	129.5	116.8	124.3	269.6	336.8	393.0	364.4	321.6	239.7	190.3	142.3	238.5
2005	117.9	100.8	120.3	192.4	261.1	333.6	388.3	387.7	320.0	280.3	195.8	137.9	246.4
2004	125.3	118.8	184.1	260.7	321.0	348.5	368.6	366.2	346.2	236.4	130.6	132.4	244.9
2003	119.7	121.0	156.8	175.6	266.2	353.5	424.7	394.1	364.0	311.0	160.4	133.3	248.3
2002	115.4	132.7	174.6	231.3	300.8	366.1	402.6	389.8	357.4	277.4	170.3	128.0	253.5
2001	125.8	108.7	151.2	192.5	309.0	356.2	365.9	377.8	311.3	284.2	155.4	118.0	238.0
2000	135.6	105.0	137.0	212.1	289.7	337.0	361.9	372.0	315.7	241.0	161.0	157.5	235.5
1999	139.1	114.1	141.6	168.6	303.2	348.5	389.5	375.6	314.6	287.1	183.9	161.8	244.0
1998													
1997													
1996													
1995													
1994													
1993													
1992													
1991													
1990													

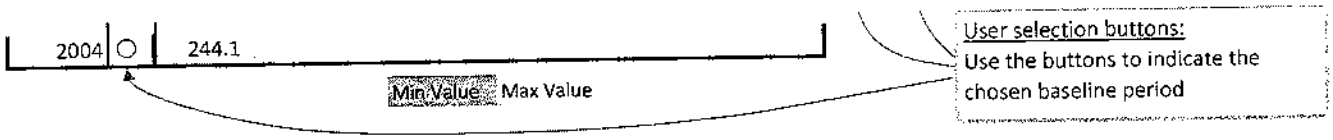
Recycled water accounts for 0 % of 2008 deliveries, therefore select a a 10 year baseline period using the selection buttons below

Baseline Ending In...		Baseline 10-years	N/A	N/A	N/A	N/A	N/A
		◉	○	○	○	○	○
2010	○	241.4					
2009	○	240.8					
2008	◉	241.1					
2007	○	241.6					
2006	○	241.2					
2005	○	243.0					

	Ending in...	Baseline 5-years
○	2010	236.6
○	2009	236.5
◉	2008	238.2
○	2007	240.6

User selection buttons:

Base daily per capita water use (10-15yr baseline)	241.1
Base daily per capita water use (5yr baseline)	238.2


2004
244.1
Min Value
Max Value
User selection buttons:
Use the buttons to indicate the chosen baseline period

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This worksheet can be used as a calculator to generate an annual total for each year of input to the Main Data worksheet: (see here)

Annual Deductable Volume of Indirect Recycled Water Entering Distribution System

Data Entry in acre-feet unless otherwise noted

Input cells:
Calculated cells:

Surface Reservoir Augmentation	N/A	N/A	Volume Discharged from Reservoir for Distribution System Delivery	Recycled Water Blend %	Recycled Water Delivered to Treatment Plant	Use Default ☐ 3% Transmission / Treatment Loss %	Transmission / Treatment Losses	Volume entering Distribution System
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Source 1			0.000		0.000	0%	0.000	0.000
Source 2								
Source 3								
Source 4								
Source 5								
						Subtotal Reservoir Augmentation (A):		0.000

Groundwater Recharge	5-Year Annual Average Recharge	Use Default ☐ 90% Recharge Recovery Factor	Recycled Water Pumped from Basin	Utility Pumping as % of Basin Total	Recycled Water Pumped by Utility	Use Default ☐ 3% Transmission / Treatment Loss %	Transmission / Treatment Losses	Volume entering Distribution System
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Basin 1	0.000	0.000	0.000	0%	0.000	0%	0.000	0.000
Basin 2								
Basin 3								
Basin 4								
Basin 5								
						Subtotal Groundwater Recharge (B):		0.000
			Deductable Volume of Indirect Recycled Water Entering Distribution System (A+B):					0.000

Transfer this value back to the Main Data worksheet

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Population

Input cells:
Calculated cells:

Enter population data for the service area.

YEAR	POPULATION	
2010		
2009		
2008	29,813	
2007	29,618	
2006	29,027	
2005	28,000	
2004	27,200	
2003	26,856	
2002	25,800	
2001	25,200	
2000	24,450	
1999	22,500	
1998		
1997		
1996		
1995		
1994		
1993		
1992		
1991		
1990		

Please note:

The GPCD calculation is very sensitive to errors in population. Please review the guidance document ***Methodologies for Calculating Baseline and Compliance Urban Per Capita Water Use*** for additional information and direction in order to acquire the most accurate population estimates.

Population data are only required for years that contain water use data.

If you see "<--Enter Population" this indicates you have entered water use data for this timeframe but not population. Please add population data to enable a calculation of GPCD and associated targets.

26,846 Average population, for the baseline period selected, in the GPCD Matrix worksheet

California Urban Water Conservation Council

Main Data

Input cells:
Calculated cells:

Data Entry in acre-feet unless otherwise noted

* = Sum of Monthly data and Annual Total are not equal; monthly data will be used

Volume from Own Sources

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		ANNUAL TOTAL (INPUT)	METER ADJUST-MENT (%)	CALCULATED TOTAL
2010																0.000
2009																0.000
2008	336.119	313.568	485.519	624.775	813.161	914.115	982.531	984.668	865.433	744.272	472.821	353.941	*	7,890.922	0%	7,890.922
2007	393.652	309.443	483.682	666.731	860.633	938.758	1,034.197	975.759	844.358	681.296	538.145	399.759	*	8,126.413	0%	8,126.413
2006	309.276	350.859	316.396	336.801	730.582	912.702	1,064.878	987.364	871.301	649.561	515.557	385.527	*	7,430.805	0%	7,430.805
2005	308.233	263.581	314.426	502.770	682.533	872.040	1,014.982	1,013.310	836.324	732.728	511.878	360.300	*	7,413.103	0%	7,413.103
2004	318.195	301.604	467.493	661.898	814.977	884.901	935.784	929.802	879.083	600.219	331.639	336.218	*	7,461.812	0%	7,461.812
2003	300.159	303.360	393.131	440.180	667.228	886.157	1,064.622	987.945	912.543	779.537	402.024	334.094	*	7,470.979	0%	7,470.979
2002	277.971	319.533	420.392	557.150	724.472	881.673	969.508	938.773	860.691	668.128	410.123	308.205	*	7,336.617	0%	7,336.617
2001	295.807	255.789	355.564	452.919	726.863	837.858	860.801	888.759	732.286	668.628	365.646	277.636	*	6,718.555	0%	6,718.555
2000	309.574	239.735	312.787	484.178	661.253	769.214	826.009	848.934	720.618	549.981	367.502	359.542	*	6,449.329	0%	6,449.329
1999	292.189	239.680	297.498	354.150	636.825	732.022	817.981	788.950	660.670	603.006	386.220	339.757	*	6,148.945	0%	6,148.945
1998																0.000
1997																0.000
1996																0.000
1995																0.000
1994																0.000
1993																0.000
1992																0.000
1991																0.000
1990																0.000

Volume from Imported Sources

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL (INPUT)	METER ADJUST-MENT (%)	CALCULATED TOTAL
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000

1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000

Volume of Water Exported to Another Water Utility or Jurisdiction

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL (INPUT)	METER ADJUST-MENT (%)	CALCULATED TOTAL
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000

Recycled Water Delivered

NOTE: Only 2008 recycled water delivered is required; other years are optional

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL (INPUT)	METER ADJUST-MENT (%)	CALCULATED TOTAL
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000

2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000

Change in Distribution System Storage

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Year	ANNUAL CHANGE IN STORAGE	CALCULATED Net Change in Storage
2010	0.000	0.000
2009	0.000	0.000
2008	0.000	0.000
2007	0.000	0.000
2006	0.000	0.000
2005	0.000	0.000
2004	0.000	0.000
2003	0.000	0.000
2002	0.000	0.000
2001	0.000	0.000
2000	0.000	0.000
1999	0.000	0.000
1998	0.000	0.000
1997	0.000	0.000
1996	0.000	0.000
1995	0.000	0.000
1994	0.000	0.000
1993	0.000	0.000
1992	0.000	0.000
1991	0.000	0.000
1990	0.000	0.000

Indirect Recycled Water Use

(use this calculator to help generate values)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Year	ANNUAL TOTAL (INPUT)	CALCULATED TOTAL
2010	0.000	0.000
2009	0.000	0.000
2008	0.000	0.000
2007	0.000	0.000
2006	0.000	0.000
2005	0.000	0.000
2004	0.000	0.000

2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

2003	0.000	0.000
2002	0.000	0.000
2001	0.000	0.000
2000	0.000	0.000
1999	0.000	0.000
1998	0.000	0.000
1997	0.000	0.000
1996	0.000	0.000
1995	0.000	0.000
1994	0.000	0.000
1993	0.000	0.000
1992	0.000	0.000
1991	0.000	0.000
1990	0.000	0.000

Water Delivered for Agricultural Use (values entered will be subtracted from base daily GPCD water use)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTAL (INPUT)	METER ADJUST-MENT (%)	CALCULATED TOTAL
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000

Industrial Process Water Delivered (values entered will be subtracted from base daily GPCD water use and baseline CII GPCD)

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL TOTAL (INPUT)	METER ADJUST-MENT (%)	CALCULATED TOTAL
0.000		0.000
0.000		0.000
0.000		0.000
0.000		0.000

2006	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2003	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1999	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Gross Water Use

Year	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL TOTAL USAGE
2010	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2008	338,819	311,563	445,519	624,775	818,161	904,815	961,531	984,668	885,413	744,242	472,871	354,947	7,892,932
2007	393,652	309,441	483,882	666,751	860,813	908,798	1,034,197	972,739	844,338	681,296	538,145	391,764	8,121,813
2006	389,276	350,859	516,306	595,901	790,583	912,302	1,064,678	967,364	871,401	643,561	515,557	385,517	7,993,815
2005	303,233	260,581	304,428	502,270	685,193	872,840	1,014,982	1,009,310	835,324	732,758	511,878	390,300	7,413,106
2004	318,186	301,604	467,493	661,870	818,872	884,001	925,764	929,803	879,083	600,214	391,630	316,218	7,461,612
2003	300,153	303,360	393,131	490,180	567,728	880,157	1,056,621	967,945	912,543	790,537	402,024	334,294	7,470,890
2002	293,931	310,533	420,392	557,150	724,472	834,673	972,508	938,173	860,581	664,128	410,133	308,705	7,[illegible]
2001	285,807	224,780	335,564	451,092	728,863	897,858	860,601	865,759	792,786	668,628	365,685	297,630	5,718,556
2000	305,574	239,715	312,707	454,178	681,753	762,114	876,009	848,934	710,618	588,981	367,903	351,542	6,442,328
1999	294,155	230,370	297,498	394,120	626,025	731,322	817,981	784,950	660,670	601,006	386,223	339,757	6,148,948
1998	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1997	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1996	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1995	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1994	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1993	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1992	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1990	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Update
for the
Paso Robles Groundwater Basin

Report to Paso Robles Groundwater Basin Committee
December 2007

Todd Engineers
2490 Mariner Square Loop, Suite 215
Alameda, CA 94501
510-747-6920

UPDATE
FOR THE
PASO ROBLES GROUNDWATER BASIN

DECEMBER 2007

PREPARED FOR

PASO ROBLES GROUNDWATER BASIN COMMITTEE

PREPARED BY

TODD ENGINEERS
2490 MARINER SQUARE LOOP, STE. 215
ALAMEDA, CA 94501
PHONE: 510/747-6920
FAX: 510/747-6921
www.toddengineers.com

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Executive Summary

The purpose of the Paso Robles Groundwater Basin monitoring program and Basin Update is to monitor and evaluate groundwater conditions, recognizing that monitoring and appropriate management of Basin water resources can delay or even avoid basin overdraft. This first Basin Update provides an overview of the current condition of the Paso Robles Groundwater Basin, building on the *Paso Robles Groundwater Basin Study* (Phase I Report) (Fugro, et al., 2002) and the *Paso Robles Groundwater Basin Numerical Model* (Phase II Report) (Fugro, et al., 2005). The Phase I study period was from July 1980 through June 1997; this Basin Update provides an update from 1997 through 2006 on rainfall, groundwater levels and storage, and groundwater management planning.

The study area is located in the Salinas River watershed in northern San Luis Obispo County and southern Monterey County, and includes the Atascadero subbasin and seven subareas. The major water-bearing units in the basin include alluvial deposits and the Paso Robles Formation. Precipitation is the ultimate source of recharge to the groundwater basin. In general, average annual rainfall over the basin varies from 20 inches in the west to 10 inches in the east; this report describes two different maps showing the distribution of rainfall. Since the study period of the Phase I report, rainfall has been slightly higher than average. However, the past water year was one of the driest on record with only 5.48 inches recorded.

Examination of groundwater level data from spring 2006 show that the general direction and pattern of groundwater flow are unchanged from 1997. In addition, historical groundwater level data from over 200 wells were examined to evaluate trends in groundwater levels. Representative hydrographs are presented to characterize the Atascadero subbasin and the seven subareas of the Paso Robles Groundwater Basin. These hydrographs illustrate how groundwater levels change with varying rainfall amounts and changing pumping patterns.

Change in groundwater storage from 1997 to 2006 was calculated using essentially the same method as the Phase I Report. The storage calculations indicate an estimated net groundwater storage decrease of -29,767 acre-feet (AF), equivalent to an average storage decrease of -3,307 acre feet per year (AFY). Between 1997 and 2006, storage decreases were concentrated in the Estrella and Creston subareas, while storage increases are documented in the Atascadero subbasin and Shandon subarea. Storage declines have persisted since 1981 in portions of the Estrella and San Juan subareas.

The San Luis Obispo County Flood Control and Water Conservation District (District), City of Paso Robles, and other local stakeholders have taken the initiative to better manage groundwater Recent project include the ongoing groundwater level monitoring program, Nacimiento Project, Water Banking Study, City of Paso Robles Water Resources Plan Integration, County Resource Capacity and Conservation Element Study and upcoming Water Master Plan Update, and USGS GAMA program.

Conclusions of this first Basin Update are summarized as follows:

- A comprehensive water balance accounts for *all* inflows (e.g., deep rainfall percolation, streamflow percolation, subsurface inflow, wastewater discharge, and return flows) and *all* outflows (pumping, subsurface outflow, and phreatophyte use). The most recent water balance completed for the basin covered a study period of 1980 through 1997.

- The Basin Update reviews readily available components of the water balance from 1997 through 2006. It reviews rainfall records, evaluates groundwater level trends, maps regional groundwater elevations, estimates change in storage, and reports on groundwater management activities.

- Changes in recharge are strongly influenced by fluctuations in rainfall, which are considered in the Basin Update's evaluation of groundwater levels and storage. Changes in discharge, particularly groundwater pumping and use, are not documented in this Basin Update.

- A comparison of existing isohyetal (rainfall) maps reveals differences, particularly in the highland areas west and southwest of the basin. Further review of the geographic distribution of rainfall within the basin is important to better understanding of recharge.

- Average annual rainfall for the 1997 through 2006 water years was 15.85 inches, slightly higher than the long term average (14.78 inches). Water year 2007 was one of the driest on record with only 5.3 inches of rainfall. Annual rainfall typically is characterized by long, dry periods and short, intense wet periods. In light of the uneven distribution rainfall over time, it is important to plan for long, dry periods and short, wet periods.

- The direction and pattern of regional groundwater flow within the basin were basically unchanged from 1997 to 2006.

- Groundwater level hydrographs show that declines have persisted in portions of the Estrella and San Juan subareas from 1981 to 2006.

- Change in groundwater storage for 1997 to 2006 was estimated to be a net decrease of -29,767 acre-feet, or -3,307 acre feet per year. Decreases in storage are documented in the Estrella and Creston subareas, while storage increased in the Atascadero subbasin and Shandon subarea.

- Updating groundwater pumping would help explain local groundwater level changes and would also allow assessment of the current amount of pumping relative to buildout.

- Recharge from rainfall and subsurface inflow may not be fully represented, particularly at the close of the 1997-2006 period. As a result, recharge is likely underestimated and groundwater storage decrease may be overestimated.

- The District, City of Paso Robles, and others have undertaken projects and programs to improve groundwater management, including the ongoing monitoring program, Nacimiento Project, Water Banking Study, City of Paso Robles Water Resources Plan Integration, USGS GAMA program, and upcoming County Resource Capacity Study, Conservation Element and Water Master Plan Update.

Recommendations of this Basin Update are summarized below:

- In order to better understand changes in water levels and storage, groundwater pumping in the basin should be updated in Spring 2008, including the pumping by agriculture, municipalities, rural and community water systems. The update should be coordinated with the District's Water Master Plan Update. Future groundwater pumping updates

should be completed and incorporated into the Basin Update every five to ten years or as land use data are available.

- The next Basin Update should be completed in Spring 2009 and should cover water year 2008 (October 2007 – September 2008). It should include an update of groundwater quality trends and analysis of the geographic distribution of rainfall. Subsequent Basin Updates should be completed annually and should cover a water year to provide timely updates to the District, City, PRIOR and the public regarding the response of the basin to annual changes in rainfall and pumping.

- A water balance accounting for all inflows and all outflows should be updated before 2010 and every 5 years thereafter using a comprehensive methodology similar to that of the Phase I Report. Such a schedule would allow the water balance to incorporate effects of the delivery of Nacimiento water.

- The District, City, and PRIOR landowners group should continue cooperative efforts to improve the efficiency and effectiveness of local monitoring programs, focusing on addition of existing wells to the program and data management.

Introduction

Background

This first Basin Update has been prepared in accordance with the August 2005 Paso Robles Groundwater Basin Agreement among the San Luis Obispo County Flood Control and Water Conservation District (District), City of Paso Robles (City), and certain private landowners, who have organized as the Paso Robles Imperiled Overlying Rights (PRIOR) group. Key elements of the Agreement are a clear acknowledgment that the basin is not in overdraft now, and that the parties will not take court action to establish any priority of groundwater rights over another party as long as the Agreement is in effect.

The District, City, and PRIOR landowners have designated representatives to participate in a committee, informally termed the Paso Robles Groundwater Basin Committee, to develop a plan or program ("Plan") for monitoring groundwater conditions in the basin. This Committee, which has conducted semi-annual meetings since February 2006, has guided preparation of this Basin Update as a means of reporting on groundwater conditions and developing recommendations for improved monitoring.

This first Basin Update provides an overview of the current condition of the Paso Robles Groundwater Basin, including rainfall, groundwater levels and storage, groundwater quality, and groundwater management planning. The Basin Update builds on the *Paso Robles Groundwater Basin Study* (Phase I Report) (Fugro, et al., 2002) and the *Paso Robles Groundwater Basin Numerical Model* (Phase II Report) (Fugro, et al., 2005). Subsequent Basin Updates should cover a water year to provide timely updates to the District, City, PRIOR and the public regarding the response of the basin to annual changes in rainfall and pumping.

Purpose

The purpose of the Paso Robles Groundwater Basin monitoring program and Basin Update is to monitor and evaluate groundwater conditions, based on readily available information, recognizing that monitoring and appropriate management of basin water resources can delay or even avoid basin overdraft. Groundwater-related plans and projects are summarized to support coordinated management.

Study Area

The study area of the Basin Update is the Paso Robles Groundwater Basin as defined in the Phase I Report. **Figure 1** shows the groundwater basin boundaries and key geographic features. The groundwater basin is also defined by the California Department of Water Resources as the Paso Robles Area Subbasin of the Salinas Valley Groundwater Basin with a designation as basin number 3-4.06.

As shown in **Figure 1**, the study area encompasses about 790 square miles of the Salinas River watershed in northern San Luis Obispo County and southern Monterey County, and

includes the Atascadero Subbasin and seven subareas. The major water-bearing units in the basin include alluvial deposits and the Paso Robles Formation. The alluvial deposits are up to about 100 feet in depth and include recent stream-laid sands and gravels along the Salinas River and its tributaries. Wells in the alluvium typically produce in excess of 1,000 gallons per minute (gpm) (Fugro, et al., 2002). The Paso Robles Formation is the most extensive aquifer and consists of typically unconsolidated sedimentary layers extending to depths of more than 2,000 feet. Wells generally produce several hundred gpm (Fugro, et al., 2002).

Water Year

When applicable, the hydrologic data are reported in terms of water year. A water year begins on October 1 and ends on September 30. The year is denoted by the ending year.

Groundwater Basin Conditions

The most recent studies of the Paso Robles Groundwater Basin, the Phase I and Phase II Reports, were sponsored by the District and supported by local water purveyors and users including the City of Paso Robles. The Phase I Report included basic data compilation and review, definition of the basin and subbasin/areas, aquifer characterization, assessment of water quality conditions, and a water balance study. The Phase II report presents the results of the development, calibration, and application of a numerical groundwater flow model of the Paso Robles Groundwater Basin. This model was applied to a baseline scenario, a buildout scenario with the Nacimiento Water Project, and a buildout scenario without the Nacimiento Water Project. Buildout was defined to include not only municipal buildout but also the maximum reasonable agricultural water demand.

The Phase I Report provides a comprehensive baseline assessment of basin conditions for its study period of July 1980 through June 1997. This study period was selected as representative of then-current land and water use conditions, with overall near-average rainfall. This first Basin Update provides information for the period from June 1997 through September 2006 on groundwater basin conditions, including rainfall, groundwater levels and storage, and groundwater management planning. Groundwater quality information from Phase I is not updated in this Basin Update as data were not readily available. Local beneficial uses of groundwater depend not only on an adequate supply, but also groundwater of high quality. Therefore, water quality trend assessment is recommended for subsequent Basin Updates, with a focus on TDS, nitrate, and chloride.

Precipitation

Viewed from a watershed perspective, precipitation is the ultimate source of recharge to the groundwater basin, directly providing deep percolation and indirectly providing other sources of inflow such as streambed percolation and subsurface inflow. Percolation of precipitation alone accounts for 44 percent of total inflow to the groundwater basin (Fugro, et al., 2002). The remainder comes from streambed percolation (43%), subsurface inflow (8%), wastewater percolation (3%), and irrigation return flow (2%).

Background. The Paso Robles Groundwater Basin has a semi-arid, Mediterranean climate characterized by hot sunny summers and cool winters. Most precipitation occurs

in the winter, between November and April. Average annual rainfall over the basin varies from 20 inches in the west to 10 inches in the east.

Geographic Distribution. The geographic distribution of rainfall is important to understanding where recharge occurs to the groundwater basin and is basic to developing a monitoring program. Several rainfall distribution maps have been prepared by others that encompass the upper Salinas River watershed and Paso Robles Groundwater Basin including maps published by the United States Geological Survey (USGS) (Rantz,1969), San Luis Obispo County (1972), and Oregon State University (PRISM, 2007). The two most recent maps are examined here.

Figure 2 shows the distribution across the basin of rainfall with isohyets (lines of equal precipitation) based on data compiled by the County between 1937 and 1967 (San Luis Obispo County, 1972). **Figure 3** is a comparable map, showing isohyets developed by Parameter-elevation Regressions on Independent Slopes Model (PRISM, 2007). PRISM maps are produced by Oregon State University using point measurements from 1961-1990 (e.g., precipitation) and a digital elevation model to generate digital maps available as GIS (Geographic Information Systems). The PRISM maps have been prepared for the entire United States and consequently, the isohyets on **Figure 3** extend beyond the San Luis Obispo County lines. The digital elevation model is used to estimate rainfall amounts and patterns where no climate station exists, for example, on mountain tops. A similar process—relying on professional judgment and without the use of computers—was used in preparing the County map.

A comparison of the two isohyetal maps reveals differences, particularly in the highland areas west and southwest of the basin. Specifically, the County map indicates the highest rainfall amounts in the highlands west of Paso Robles (up to 45 inches per year) while the PRISM map indicates highest rainfall amounts in the highlands south of Atascadero (up to 34 inches). Within the basin, the PRISM map indicates average rainfall in the Creston area six inches greater than the County map. In Shandon, the average rainfall is almost 4 inches greater.

Further review of the distribution of rainfall is important to better understanding recharge, particularly along the perimeter of the basin where rainfall is relatively high. Additional investigation could involve analysis of the rainfall station data used in preparing both the County and PRISM maps, comparison of the respective amounts of rainfall on a watershed basis, and examination of measured stream flow relative to rainfall. The different rainfall maps also should be reviewed with respect to the groundwater flow model developed in the Phase II Report, which averaged data from seven rainfall stations.

Historical Rainfall. Figure 4 illustrates annual rainfall at a representative gage over the past 50 years [Salinas River at Paso Robles Station]. The location of the rainfall gage is shown on **Figure 1**. Average annual rainfall at this gage is 14.78 inches with a median of 13.21 inches for the 1957 through 2007 water years.

As seen on **Figure 4**, annual rainfall is subject to wide variations. Between 1957 and 2006, the lowest annual rainfall was 7.22 inches (1990 water year) and the greatest

annual rainfall was 31.50 inches (1969 water year). Water year 2007 was one of the driest on record with only 5.48 inches between October 2006 through September 2007.

The average rainfall at the same gage for the 1981 to 1997 period of study defined in the Phase I Report was 15.00 inches, similar to the long term average of 14.78 inches. This report focuses on the 1997 through 2006 water years, which experienced a slightly higher annual average rainfall (15.85 inches) than the past 50 year annual average (14.78 inches). Median values for the 1981 to 1997 and 1997 to 2006 water years were 13.90 inches and 13.94 inches, respectively, indicating that wet years have skewed the annual average slightly higher. In light of the uneven distribution rainfall over time, it is important to plan for long, dry periods and short, wet periods.

Basin Areas

The Phase I Report defined one subbasin (Atascadero) and seven subareas within the Paso Robles Groundwater Basin (Bradley, Creston, Estrella, North Gabilan, San Juan, Shandon, and South Gabilan). The Atascadero Subbasin lies west of the Rinconada fault, which has been identified as a barrier to groundwater flow. Therefore, the Atascadero Subbasin is considered to be hydrologically distinct. The seven subareas are not identified as formal boundaries, but were informally established in Phase I as a practical approach to subdivide the large basin for discussion purposes.

Groundwater Levels

This first Basin Update describes groundwater conditions at the close of the Phase I base period in spring 1997 through spring 2006. **Figure 5** shows groundwater elevations in spring 1997. These water levels were contoured with data from 119 wells. The data was obtained from the District database as well as on-line records from the USGS and California Department of Water Resources (DWR). In areas where there was little information, contours follow the Phase I Report spring 1997 map (Fugro, 2002). Also, adjustments were made to more closely match the Phase I Report in two locations: along San Juan Creek southwest of Shandon and along the Estrella River near the community of Estrella.

Figure 6 shows groundwater elevations in spring 2006 based on 115 wells. As in the 1997 map, the District data were augmented for the 2006 map with data from the USGS and DWR.

Overall the direction and pattern of groundwater flow is unchanged from 1997 to 2006. Groundwater levels in the basin ranged between above 1500 to below 600 feet above mean sea level (msl). Groundwater flows from the southeast in the San Juan, Creston, and Shandon subareas to the northwest into the Estrella subarea. Groundwater flows from the northeast in the South Gabilan and North Gabilan subareas to the southwest into the Estrella and Bradley subareas, respectively. Along the Salinas River near San Miguel, groundwater flow northwesterly from the Estrella into the Bradley subarea.

In order to evaluate trends in groundwater levels, over 200 hydrographs from the Paso Robles Groundwater Basin were examined. Ten hydrographs, described below, were

selected to characterize trends in the Atascadero Subbasin and seven subareas of the Paso Robles Groundwater Basin.

Atascadero. In the eastern portion of the subbasin, east of Templeton, the Phase I Report found that deeper wells were stable or gradually increasing as of 1997. Well 027/S012E-33F001 (**Figure 7**) was increasing up until 1999, but has been stable since that time. Well 027/S012E-22M001 had an increasing trend from 1994 through 1998, but groundwater levels have dropped over 30 feet since that time (**Figure 7**). Comparison of groundwater levels in **Figure 7** with the annual rainfall amounts in **Figure 4** reveals the influence of varying rainfall; for example, the drought water years of 1987 through 1992 are shown on the hydrographs by decreasing groundwater levels.

Bradley. No current water level data from the wells identified in Phase I are available for this subarea. Three existing wells have been proposed by the District for addition to the monitoring program. The Phase I Report indicated that at the confluence of the Nacimiento and San Antonio rivers, water levels in the alluvium are stable due to the influence of stream recharge. Likewise, deeper Paso Robles Formation wells were reportedly stable based on limited available data. In the Hames Valley, the irrigation pumpage resulted in significant water level decreases in the mid 1970's. According to the Phase I Report, this trend had changed and as of 1995, groundwater levels had stabilized.

Creston. Groundwater levels in the northern part of the subarea decreased from the 1960's through the 1990's. The Phase I Report noted that water levels increased over 50 feet during their hydrologic base period. Well 27S/13E27P002 (**Figure 8**) illustrates this trend. Since 2000, however, water levels in this well have generally decreased. In the central part of the basin, along Highway 41, well 28S/13E-04K001 (**Figure 8**) was increasing from the 1950's up through 1988. During subsequent years of below average rainfall, water levels decreased. Water levels recovered from 1993 – 1998, when rainfall was at or well above average. Since that time, water levels have decreased to levels below those measured in the late 1950's.

Estrella. The Phase I Report documented overall groundwater level decreases in the area along Highway 46 east of Paso Robles and concluded that the decreases were the result of pumping from low permeability sediments and the absence of a nearby recharge source. This decreasing trend continues in well 026S/013E-34B001 (**Figure 9**). In the vicinity of Estrella, water levels were increasing but are now decreasing as seen in well 26S/13E-5D001(**Figure 9**).

North and South Gabilan. Well 25S/13E-11E001 is described in the Phase I Report as located on the Gabilan Mesa, near Hog Canyon. As shown in **Figure 10**, water levels increased from the 1950's through the early 1980's. Since that time, water levels have been relatively stable, although fluctuating with wet and dry periods. There are no additional water level data available for this subarea; an additional well is proposed for the monitoring program.

San Juan. Monitoring indicated both rising and falling groundwater levels in the San Juan subarea during the Phase I Report study period. The hydrograph for well 27S/14E-

25A001 (**Figure 11**) steadily decreased between 1959 and 1996. This was attributed to localized agricultural pumping. Beginning in 1997, water levels briefly recovered, indicating that significant stream recharge occurs in Shedd Creek. Since 2005, levels are once again decreasing. The hydrograph for well 28S/16E-15D001 (**Figure 11**) is located along the southern reach of San Juan Creek. Water levels gradually decreased between 1977 and 1995. Since that time water levels have decreased over 50 feet.

Shandon. The hydrograph for well 26S/15E-18J001 (bottom of **Figure 11**) shows water levels with significant seasonal fluctuations. In addition, groundwater levels in this well have followed rainfall over the past 30 years, with elevations dropping below 1,000 feet msl during years of below average rainfall. Water levels appear to have decreased beginning in 2003, suggesting increased local pumping in the area.

Change in Storage

For the Phase I Report, change in groundwater storage was determined in two ways. The first method is termed the *change in storage* method. This method used maps of groundwater levels (in GIS) to calculate the volume of saturated materials between the groundwater level contour surfaces and the base of the fresh groundwater for each year. Specific yield estimates for the Atascadero Subbasin and other subareas were combined with these volumes to identify the change in groundwater volume. **Table 1** (at the end of this section) shows the specific yield values, which range from 7 to 11%. The change in storage was computed as the difference in groundwater volume from one year to the next. The second method used in the Phase I Reports was a *water balance inventory* of all the inflow and outflow components; the change in storage is equal to the difference between inflow and outflow. Using two such methods allows cross-checking; in addition, the availability of pumping data supports interpretation of groundwater level and storage changes.

This Basin Update used a *change in storage* method similar to that of the Phase I Report. Specifically, spring groundwater measurements were used to document the groundwater level changes from 1997 to 2006. For each subarea, change in storage was calculated by multiplying the area, the average change in groundwater elevation from 1997 to 2006, and an average specific yield value from the Phase I Report. The average groundwater level change was determined digitally in GIS by computing the difference between the raster surfaces representing the groundwater elevation in the Paso Robles Groundwater Basin for spring 1997 and spring 2006.

Figure 12 illustrates the groundwater storage changes from Spring 1997 – Spring 2006 across the basin with warm colors indicating groundwater level decreases and cool colors indicating groundwater level increases. No color indicates less than one foot of change; note that most of the basin indicates no change. In some areas of minimal groundwater use (for example, in parts of North Gabilan) this may be reasonable. However, the lack of apparent change in other areas may reflect an absence of monitored wells. For example, review of **Figure 12** indicates extensive areas where long-term groundwater level monitoring is lacking, including areas along streams and the perimeter of the basin where recharge from rainfall and subsurface inflow may be taking place but is not tracked. The monitoring network is, by necessity, based largely on active production wells and is

likely skewed toward documenting areas of groundwater production and decreases in storage.

As shown in **Figure 12**, areas of groundwater level decrease occur in the Estrella, Creston, and San Juan subareas. Other small areas of decrease also are indicated, often centered on only one or two monitored wells. Groundwater level increases are shown in the Atascadero Subbasin, northern Estrella subarea, and Shandon and San Juan subareas.

The storage calculations (**Table 1**) indicate that from 1997 to 2006, groundwater storage in the basin decreased by -29,767 AF, equivalent to an average annual storage decrease of -3,307 acre feet per year (AFY). Decreases in storage were concentrated in the Estrella and Creston subareas, while storage increased in the Atascadero subbasin and Shandon subarea. By way of comparison, the Phase I report calculated an average storage change from 1981 to 1997 of -2,700 AFY using the *water balance inventory* and 700 AFY using the *change in storage* method.

Subbasin/Area	Area		Specific Yield	Ave WL Change	Δ Storage
	acres	mi^2		ft	AF
North Gabilan	52,725	82.4	0.09	0.000	0
Bradley	56,570	88.4	0.07	0.000	0
South Gabilan	44,492	69.5	0.09	-0.180	-721
Estrella	83,595	130.6	0.08	-4.506	-30,133
Shandon	74,665	116.7	0.09	0.984	6,615
Creston	57,587	90.0	0.09	-2.106	-10,914
Atascadero	14,708	23.0	0.11	4.724	7,642
San Juan	84,025	131.3	0.08	-0.336	-2,256
Total	**468,368**	**732**			**-29,767**

Table 1. Specific Yield and Change in Storage (Spring 1997 to Spring 2006)[1]

Groundwater Pumping and Comprehensive Water Balance

Groundwater levels and storage reveal the net effect of changes in the water balance, including changes in inflow (recharge) and outflow (discharge). Changes in recharge are strongly influenced by fluctuations in rainfall, which are accounted for in the evaluation of groundwater levels and storage in this Basin Update. However, changes in discharge, particularly groundwater pumping and use, were not part of this first Basin Update. Groundwater pumping in the basin should be updated in Spring of 2008, including groundwater pumping by agriculture, municipalities, rural users, and small community water systems.

[1] Average water level changes are shown to a fraction of a foot and change in storage values are shown to the nearest acre-foot (AF). As a result, numbers may appear to be accurate to four or five digits, which is not the case. Values for data that are measured directly, such as water levels in a well, are probably accurate to two or possibly three significant digits. Values for data that are estimated, such as groundwater storage change, are probably accurate to only one or two significant digits. All digits are retained in the text and Table 1 for documentation and to preserve correct column totals.

Table 2 highlights groundwater uses in the Basin as of 1997 (Fugro, et al., 2002). As indicated, agriculture accounted for about two-thirds of groundwater use with the remainder used for urban, rural and small community systems.

Groundwater Use	Percent of Total
Agriculture	67 %
Urban	18% [(1)]
Rural	13%
Small Community Systems	2%

[(1)] Groundwater extraction by the City of Paso Robles represented 43% of urban demand and 8% of all uses combined.

Table 2. Groundwater Uses in the Paso Robles Groundwater Basin, 1997

The recommended update of pumping would reveal changes in the relative proportions of groundwater uses and would allow assessment of the current amount of pumping relative to the buildout scenarios presented in the Phase II Report. The pumping update would use land use mapping recently completed by the District. Also, the District is currently developing strategies to evaluate groundwater pumping for the Water Master Plan Update in 2010. A pumping update would provide useful interim information and should be coordinated for a consistent methodology.

Subsequently, the entire water balance should be updated before 2010 and every five years thereafter. The water balance would be updated using a comprehensive methodology similar to that of the Phase I Report and up-to-date information (for example, recent land use mapping and the latest rainfall distribution maps). Such a water balance would account for *all* inflows (e.g., deep rainfall percolation, streamflow percolation, subsurface inflow, wastewater discharge, and return flows) and *all* outflows (pumping, subsurface outflow, and phreatophyte use). It would also include computation of groundwater storage as the difference between inflow and outflow, providing an independent check on the evaluation of groundwater storage using groundwater level maps.

Scheduling the water balance within the next five years would provide the opportunity to select an optimal study period. The 1981 to 1997 study period for the Phase I Report was selected carefully to represent long-term climatic conditions and to provide the basis for an accurate water balance study, including evaluation of groundwater storage. A selected base period for a water balance study optimally begins and ends after one or more dry years. This minimizes problems accounting for recharge water that is still moving through the unsaturated zone and is not yet represented in a water level rise. In contrast, the period for this Basin Update (water years 1997 through 2006) is not ideal for evaluating storage change. Specifically, the 1997-2006 period ends after two wet years. Accordingly, the estimated storage change probably does not fully account for recharge at the end of the period.

In addition, scheduling of the water balance analysis within the next five years would allow incorporation of the effects of the delivery of Nacimiento water.

Groundwater Management Activities

The local groundwater users—including the District, City, PRIOR and other stakeholders—have taken the initiative to better monitor and manage water resources in the Paso Robles Groundwater Basin. Recent projects and programs relevant to local groundwater management include the ongoing groundwater level monitoring program, Nacimiento Project, Water Banking Study, City of Paso Robles Water Resources Plan Integration, USGS GAMA program, and the upcoming County Resource Capacity Study, Conservation Element, and Water Master Plan Update.

Groundwater Level Monitoring Program. The District has monitored groundwater levels in the Paso Robles Groundwater Basin for 40 years; this effort has provided much of the data for this Basin Update. Currently there are nearly 145 wells in the network, 99 monitored by the District and 55 monitored locally and reported to the District; the City of Paso Robles is an active participant in the program. In 2006, an evaluation of the monitoring program (Cleath & Associates, 2006) provided specific recommendations to improve the program's efficiency and effectiveness. These recommendations addressed data management and identified specific wells for addition to or deletion from the program. Other wells were identified for backup status. Most recently, the District has reviewed the wells to be added to the program, identifying well owners in order to request cooperation with the monitoring program. The PRIOR landowners group is actively participating in the process of contacting well owners. The District, City, and PRIOR landowners group should continue these cooperative efforts to improve the efficiency and effectiveness of local monitoring programs, focusing on addition of existing wells to the program and data management.

Nacimiento Project. The District has a 17,500 AFY entitlement from Lake Nacimiento based on a 1959 agreement with Monterey County. The Nacimiento Water Project involves construction of a water intake at Lake Nacimiento, water storage tanks, pump stations and a 49-mile water transmission pipeline to provide 15,750 AFY of water supply to water providers in both the north and south County areas. Major water purveyors in the north County to receive Lake Nacimiento water include the City of Paso Robles (4,000 AFY) and Atascadero Mutual Water Company (3,000 AFY). Construction of the project is underway. Provision of Lake Nacimiento water to the municipal water purveyors—slated for 2010—will reduce municipal dependence on groundwater basin supplies. Lake Nacimiento water is high quality relative to groundwater and would provide better water quality to municipal customers and improve wastewater quality. This is important because municipal wastewater is recharged to the groundwater basin and improved quality would yield long-term water quality benefits to the groundwater basin. In addition, Lake Nacimiento supply is independent of local groundwater supplies and the Lake Nacimiento contracts provide the District and participating water purveyors with high priority in droughts.

City of Paso Robles Water Resources Plan Integration. Over the past three years, the City of Paso Robles has engaged in intensive water and wastewater resource planning,

including preparation of a series of water resource reports, culminating in the *Water Resources Plan Integration* (T.J. Cross, February 2007) adopted by the City in May 2007. Recognizing the challenges of rising water demand, limited groundwater supply, salt loading to wastewater, and increasingly restrictive wastewater treatment and disposal regulations, the *Water Resources Plan Integration* and associated *Capital Improvement Program* provides a sequence of management actions, including acceptance and treatment of Nacimiento Project water, initiation of water conservation and a wastewater source control programs, continued studies for water recycling, installation of recycled water delivery pipelines, design and construction of an upgraded wastewater treatment plant and recycled water delivery system, and updating of the Potable Water Distribution Master Plan. These actions are scheduled over the period 2008 to 2017.

District Water Banking Feasibility Study. The Water Banking Feasibility Study for the Paso Robles Groundwater Basin, initiated in October 2006, is being led by the District as part of the District's Integrated Regional Water Management Plan. The goal of the Feasibility Study is to determine the water recharge and banking potential in the Paso Robles Basin, recognizing that the Coastal Branch of the State Water Project (SWP) crosses the basin upon entering the County and that the County has an unused allocation of SWP water. At time of writing (November 2007), the Feasibility Study is approaching completion, with the draft report released in late October and the final report scheduled for completion in December. Thus far the Study has evaluated the availability of surface water from the SWP, defined raw water and treated water options, identified recharge methods, and established evaluation criteria. Three water banking alternatives have been identified and evaluated for hydrogeologic feasibility using the Phase II Report groundwater flow model. The preliminary findings of this analysis indicate that the Shell/Camatta/Lower San Juan alternative and the Salinas River/Hwy 46 alternative appear to have adequate groundwater storage capacity and recharge/recovery capacity to support a water banking project, but the Creston alternative does not. Additional engineering analysis, including feasibility-level design and layout and cost estimates, will be provided in the draft report.

County Resource Capacity Study, Conservation Element, and County-wide Master Water Plan. In its June 5, 2007 meeting, the San Luis Obispo County Board of Supervisors recommended a Level of Severity 1 designation for the Paso Robles Groundwater Basin. This designation was made with reference to the 1980-1997 groundwater level decreases in the Estrella subarea and to increases in extent of overlying land uses, including ranchettes, golf courses, and vineyards. As a result of this designation, County staff was directed to prepare a Resource Capacity Study that will focus on the area of groundwater level decrease; the next step is consideration by the Board in February 2008 of a Resource Capacity Study work program. Relevant staff activities to date have included compilation of well and land use data, and review of potential new wells for the District monitoring program. This Basin Update and the Water Banking Feasibility Study will be considered in the Resource Capacity Study.

The County-wide Master Water Plan update, slated for 2009, will update the 1998 document. Incorporating recent documents such as urban water management plans, general plan updates, and water/wastewater master plans, the County-wide update will include current and future water use projections for water planning areas.

The Conservation Element of the County's General Plan is being updated to improve, consolidate and revise the existing policies and programs including those related to water resources. "Cutting edge" policies will be developed related to green building, watershed protection, water conservation, biological resource protection, and conservation-oriented land use patterns such as smart growth that may have an impact on future groundwater basin management efforts.

GAMA Program. In 2001, the California Legislature enacted the Ground-Water Monitoring Act. The Act requires the State Water Board to monitor California's groundwater that is used for municipal supply. In response to this mandate, the USGS will complete a Groundwater Ambient Monitoring and Assessment Program (GAMA) by 2010 in over 100 priority groundwater basins in California to identify the status and trends of groundwater quality. In 2005 the USGS addressed the Paso Robles Groundwater Basin and sampled eleven randomly-selected wells located along the major rivers valleys (USGS, 2005). The GAMA study area in the Paso Robles Groundwater Basin and the locations of sampled wells are shown in **Figure 13**. While trace amounts of pesticides, arsenic, and boron were reported, no constituents of concern were detected above regulatory thresholds.

Conclusions

This first Basin Update provides an overview of the current condition of the Paso Robles Groundwater Basin, building on the *Paso Robles Groundwater Basin Study* and *Paso Robles Groundwater Basin Numerical Model*. The study period for these reports was 1980 through 1997; this report provides an update on rainfall and groundwater levels and storage from 1997 to 2006. Major conclusions include the following:

The Basin Update was designed to evaluate components of the water balance with readily available data. Rainfall, groundwater levels, and change in groundwater storage are documented, and groundwater management activities are summarized. Changes in recharge are strongly influenced by fluctuations in rainfall, which are considered in the evaluation of groundwater levels and storage. Changes in discharge, particularly groundwater pumping and use, were not part of the scope of this Basin Update.

A comprehensive water balance accounts for *all* inflows (e.g., deep rainfall percolation, streamflow percolation, subsurface inflow, wastewater discharge, and return flows) and *all* outflows (pumping, subsurface outflow, and phreatophyte use). The most recent water balance completed for the basin covered a study period of 1980 through 1997.

A comparison of existing historical County and more recent PRISM isohyetal maps reveals differences, particularly in the highland areas west and southwest of the basin. Further review of the geographic distribution of rainfall within the basin is important to better understanding of recharge.

Average annual rainfall for the 1997 through 2006 water years was 15.85 inches, slightly higher than the average rainfall over the 1980 – 1997 study period for the Paso Robles

Groundwater Basin Study was (15.00 inches) and the long term average (14.78 inches). Median values for the 1981 to 1997 and 1997 to 2006 water years were 13.90 inches and 13.94 inches, respectively, indicating that a few wet years have skewed the annual average slightly higher. Water year 2007 was one of the driest on record with only 5.3 inches of rainfall. In light of the uneven distribution rainfall over time, it is important to plan for long, dry periods and short, wet periods.

The direction and pattern of regional groundwater flow within the basin were basically unchanged from 1997 to 2006.

Groundwater level hydrographs show declines in portions of the Estrella and San Juan subareas have persisted from 1981 to 2006.

Change in groundwater storage for the period 1997 to 2006 was estimated to be a net storage decrease of -29,767 acre-feet, or -3,307 acre feet per year. Net decreases in storage were concentrated in the Estrella and Creston subareas, while storage increased in the Atascadero subbasin and Shandon subarea. Updating groundwater pumping would help explain local groundwater level changes and would also allow assessment of the current amount of pumping relative to buildout.

Both the study period for the Basin Update and the distribution of monitoring wells influence the storage calculation. Recharge from rainfall and subsurface inflow may not be fully represented, particularly at the close of the 1997-2006 period. As a result, recharge is likely underestimated and groundwater storage decrease is overestimated.

The District, City of Paso Robles, and other local stakeholders have undertaken projects and programs to improve local groundwater management include the ongoing groundwater level monitoring program, Nacimiento Project, Water Banking Study, City of Paso Robles Water Resources Plan Integration, USGS GAMA program, and the upcoming County Resource Capacity Study, Conservation Element and Water Master Plan Update.

Recommendations

The Paso Robles Groundwater Basin Agreement among the District, City of Paso Robles, and PRIOR provides for a committee, informally termed the Paso Robles Groundwater Basin Committee, to develop a plan or program ("Plan") for monitoring and evaluating groundwater conditions in the Basin. The following recommendations support further development of the Plan:

In order to better understand changes in water levels and storage, groundwater pumping in the basin should be updated in Spring 2008, including the pumping by agriculture, municipalities, rural and community water systems. Such an update would make timely use of recent land use mapping in the Basin and should be coordinated with the District's Water Master Plan Update. Future groundwater pumping updates should be completed and incorporated into the Basin Update every five to ten years, or as land use data are available.

The next Basin Update should be completed in Spring 2009 and should cover water year 2008 (October 2007 – September 2008). It should include an update of groundwater quality trends and analysis of the geographic distribution of rainfall. Subsequent Basin Updates should be completed annually and should cover a water year to provide timely updates to the District, City, PRIOR and the public regarding the response of the basin to annual changes in rainfall and pumping.

A water balance accounting for all inflows and all outflows should be updated before 2010 and every five years thereafter using a comprehensive methodology similar to that of the Phase I Report. Such a schedule would allow the water balance to incorporate effects of the delivery of Nacimiento water.

The District, City, and PRIOR landowners group should continue cooperative efforts to improve the efficiency and effectiveness of local monitoring programs, focusing on addition of existing wells to the program and data management.

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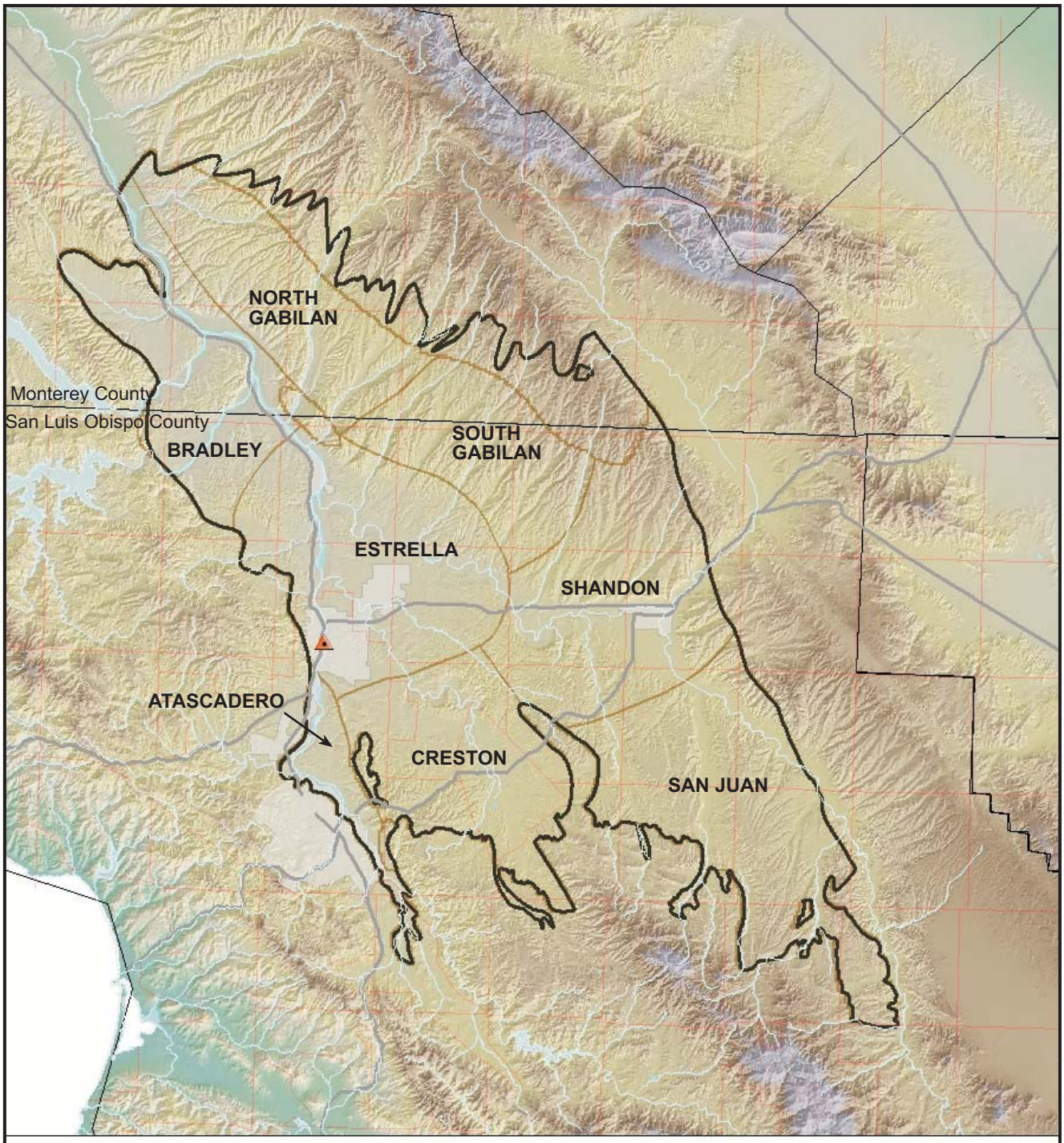


Legend

- Paso Robles Precipitation Station
- Streams
- State Highways
- Township and Range Grid
- Basin Boundary
- Cities/Communities
- Subareas
- County Line

N

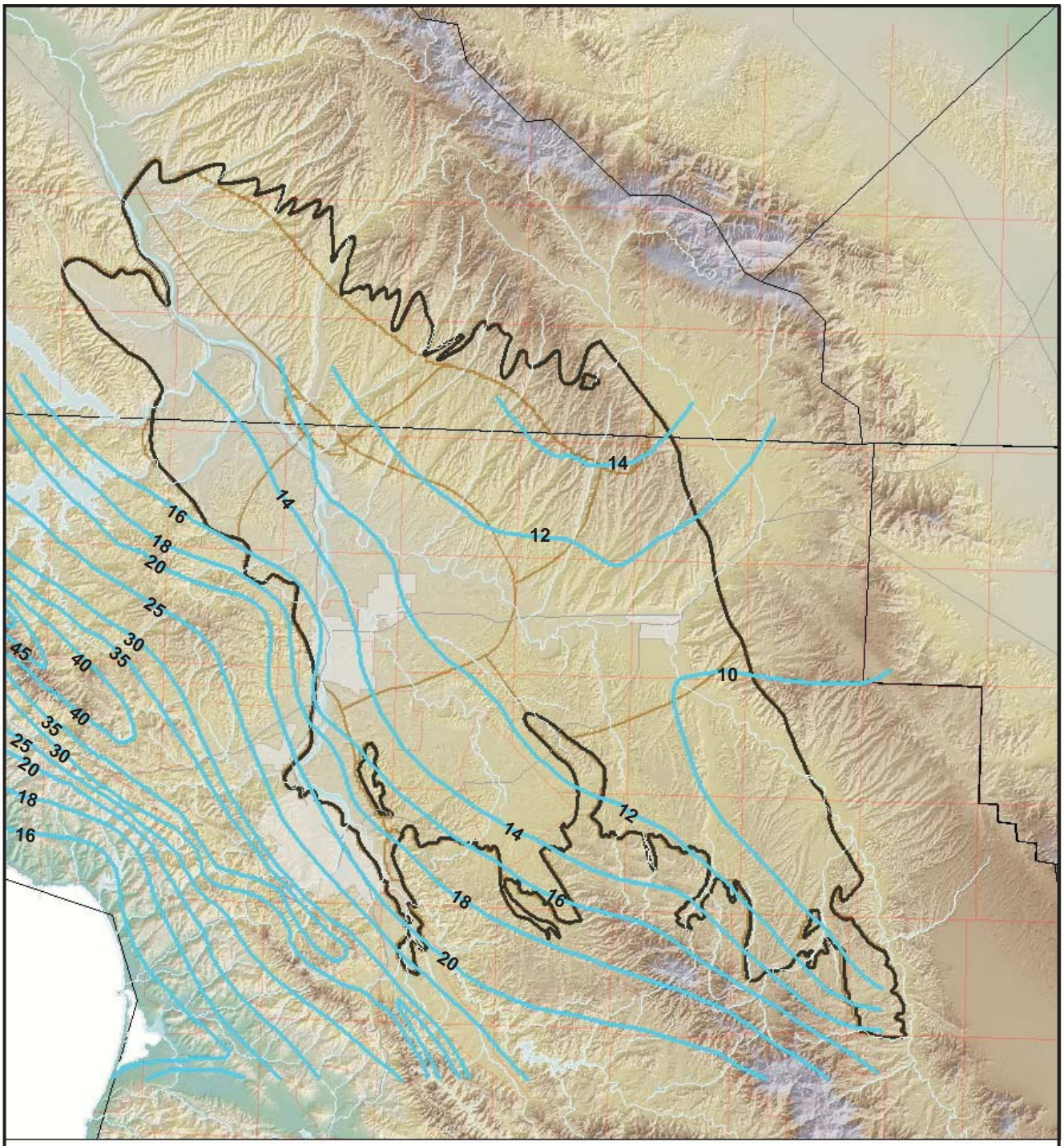
0 3 6

Scale in Miles

December 2007

TODD ENGINEERS
Emeryville, California

Figure 1
Paso Robles Groundwater Basin



Source: Digitized from 1972 San Luis Obispo County Map

Legend

- 10 Average Annual Rainfall, Inches
- Streams
- State Highways
- Township and Range Grid
- Basin Boundary
- Cities/Communities
- Subareas
- County Lines

N

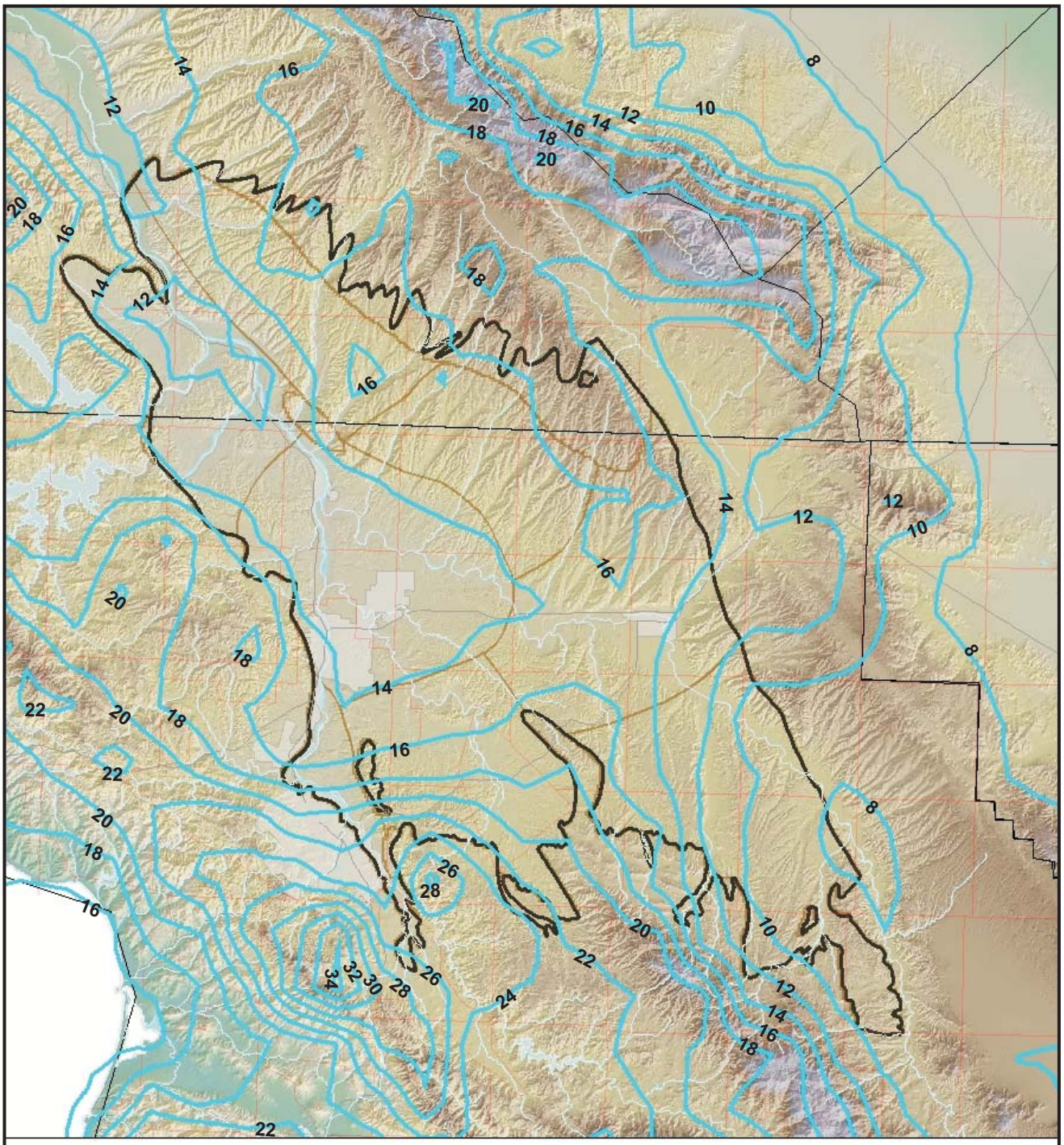
0 3 6

Scale in Miles

December 2007

TODD ENGINEERS
Emeryville, California

Figure 2
County Map of Average Annual Rainfall 1937 - 1967



Source: PRISM, 2007

Legend

- 10 Average Annual Rainfall, Inches
- Streams
- State Highways
- Township and Range Grid
- Basin Boundary
- Cities/Communities
- Subareas
- County Line

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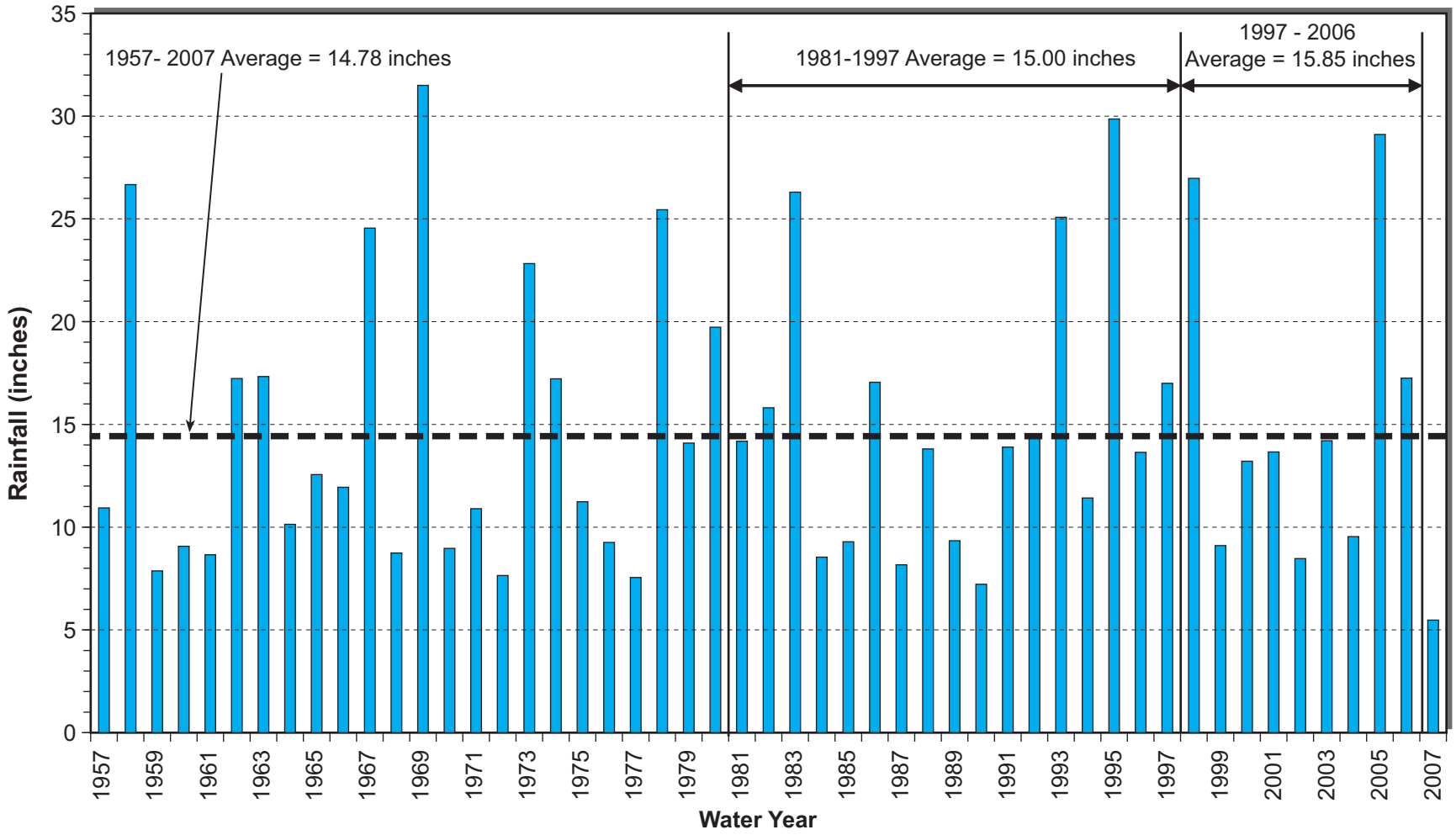
0 3 6

Scale in Miles

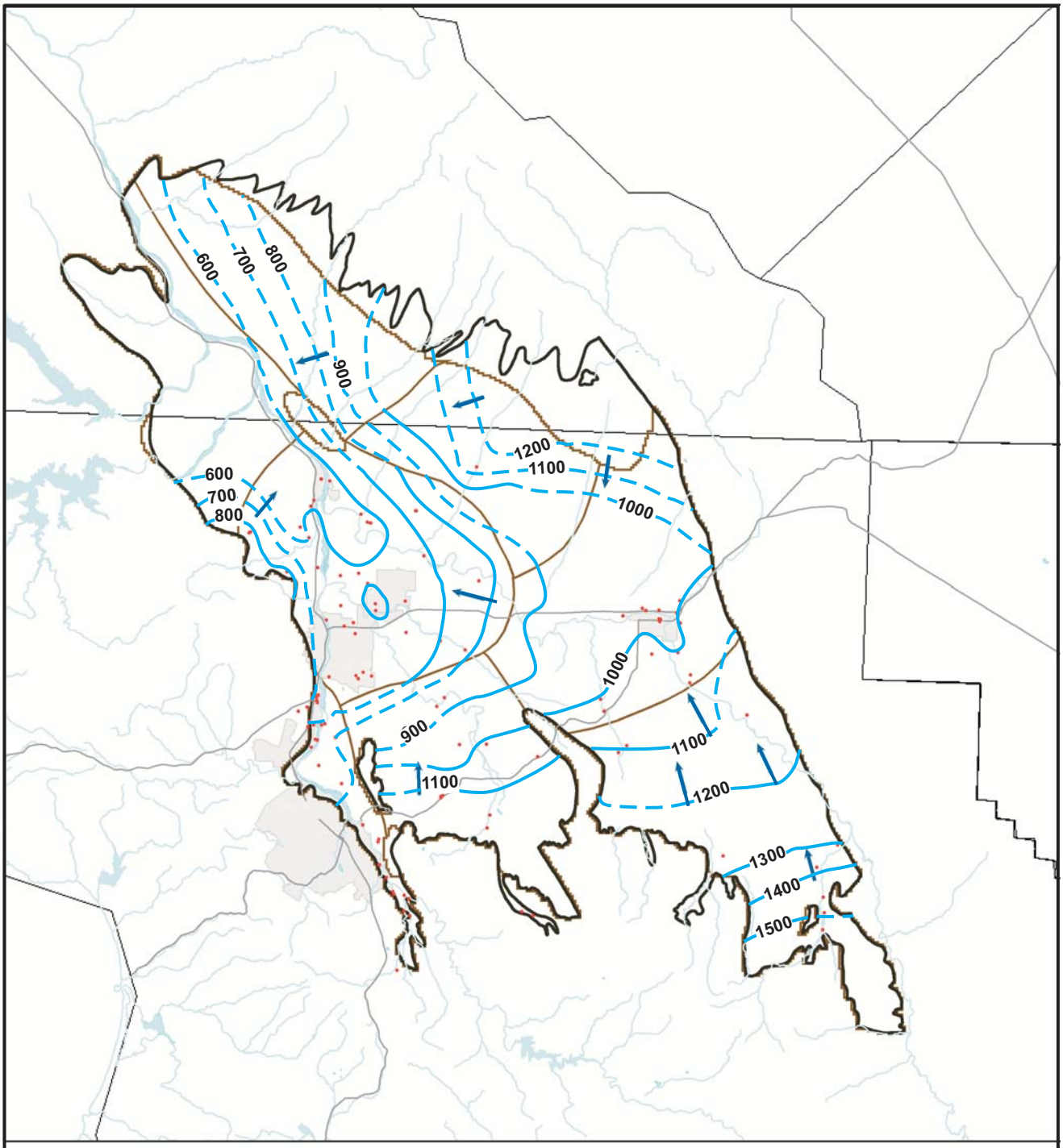
December 2007

TODD ENGINEERS
Emeryville, California

Figure 3
PRISM Map of Average Annual Rainfall, 1961-1990



December 2007	**Figure 4**
TODD ENGINEERS Emeryville, California	**Annual Rainfall at Paso Robles, Water Years 1957 - 2007**



Legend

- Wells
- Direction of Groundwater Flow
- Streams
- State Highways
- Spring 1997 Groundwater Elevation (feet MSL)
- Basin Boundary
- Cities/Communities
- Subareas
- Counties

N

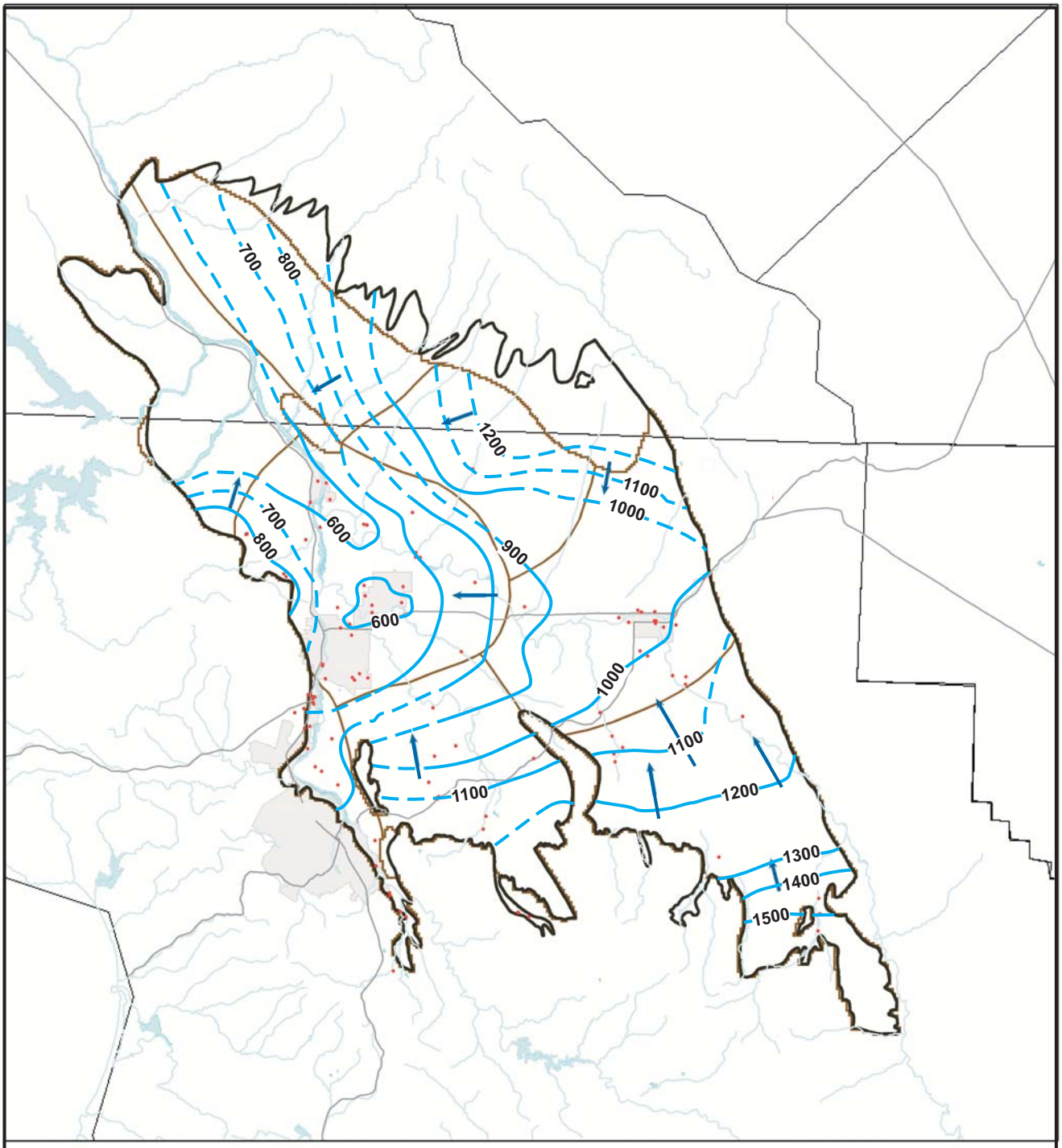
0 3 6

Scale in Miles

December 2007

TODD ENGINEERS
Emeryville, California

Figure 5
Groundwater Elevation Map
(Spring 1997)



Legend

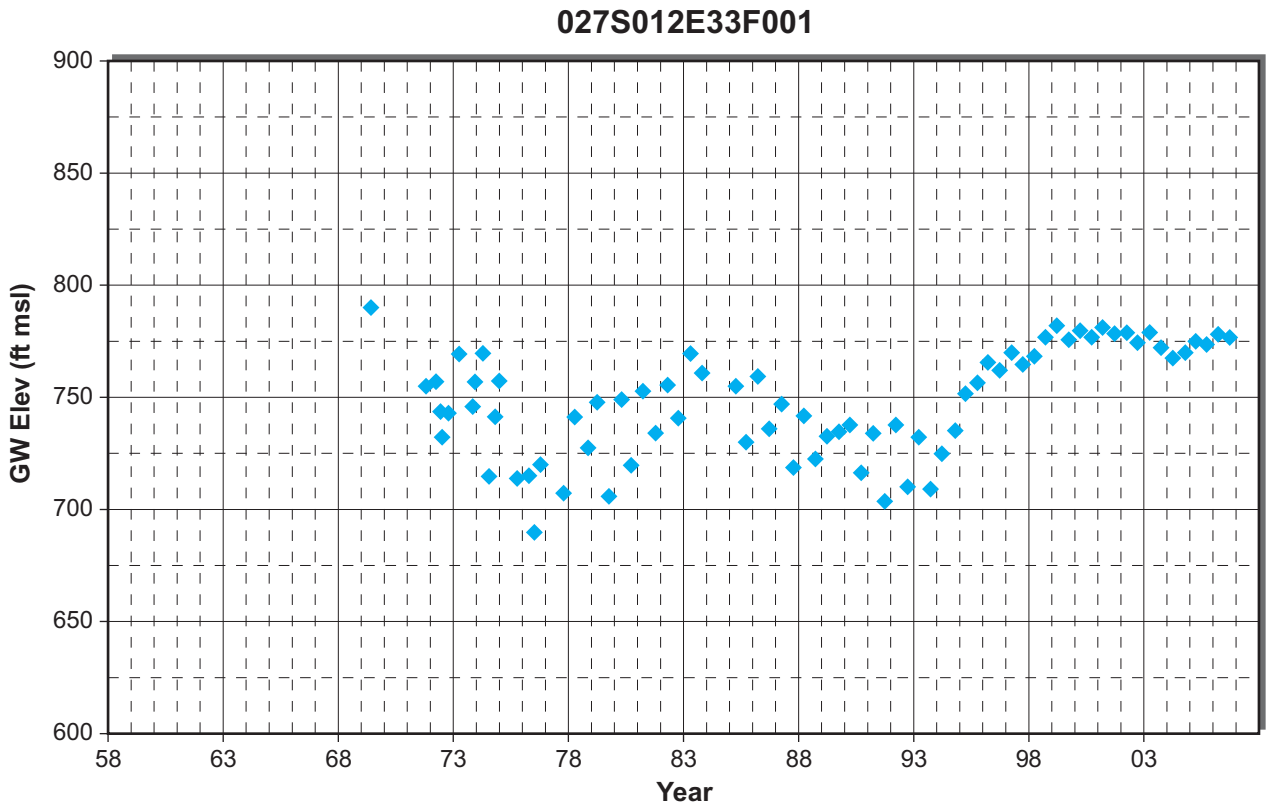
- Wells
- Direction of Groundwater Flow
- Streams
- State Highways
- Spring 2006 Groundwater Elevation (feet MSL)
- Basin Boundary
- Cities/Communities
- Subareas
- Counties

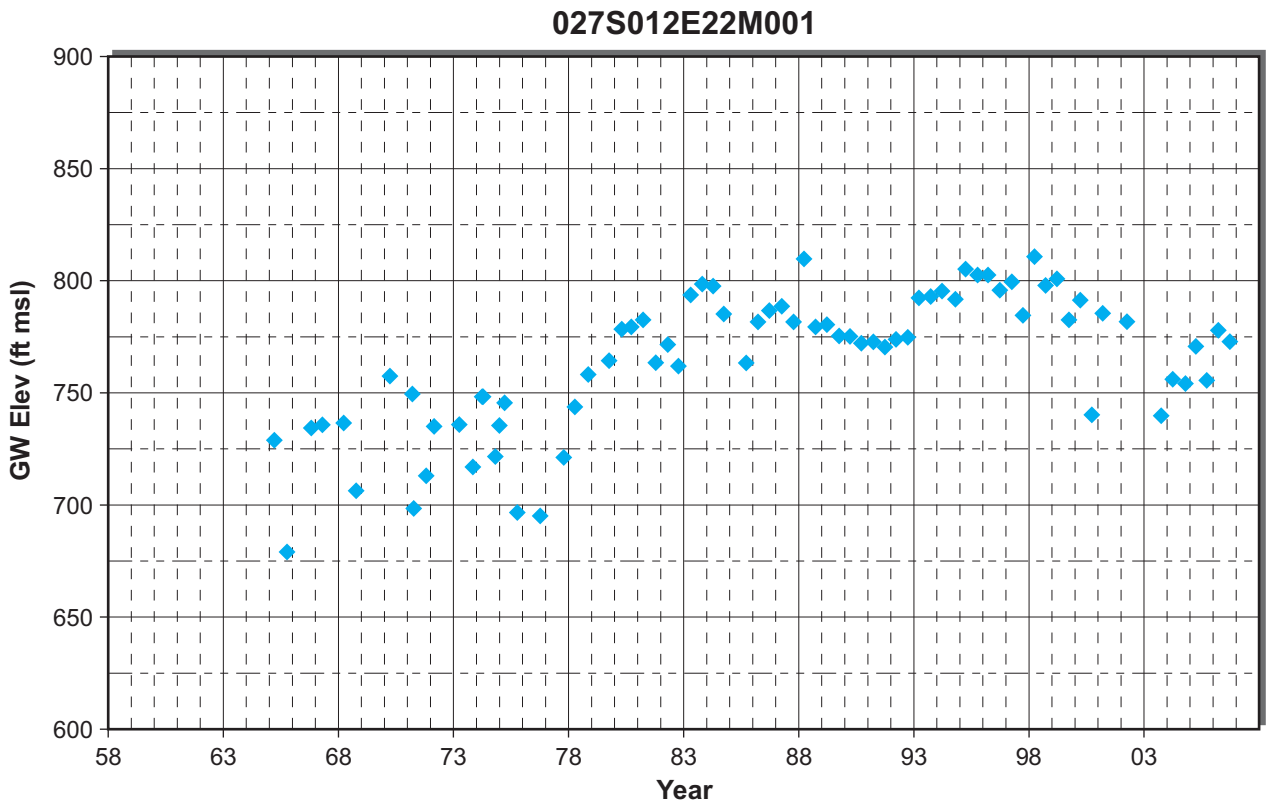
N

0 3 6

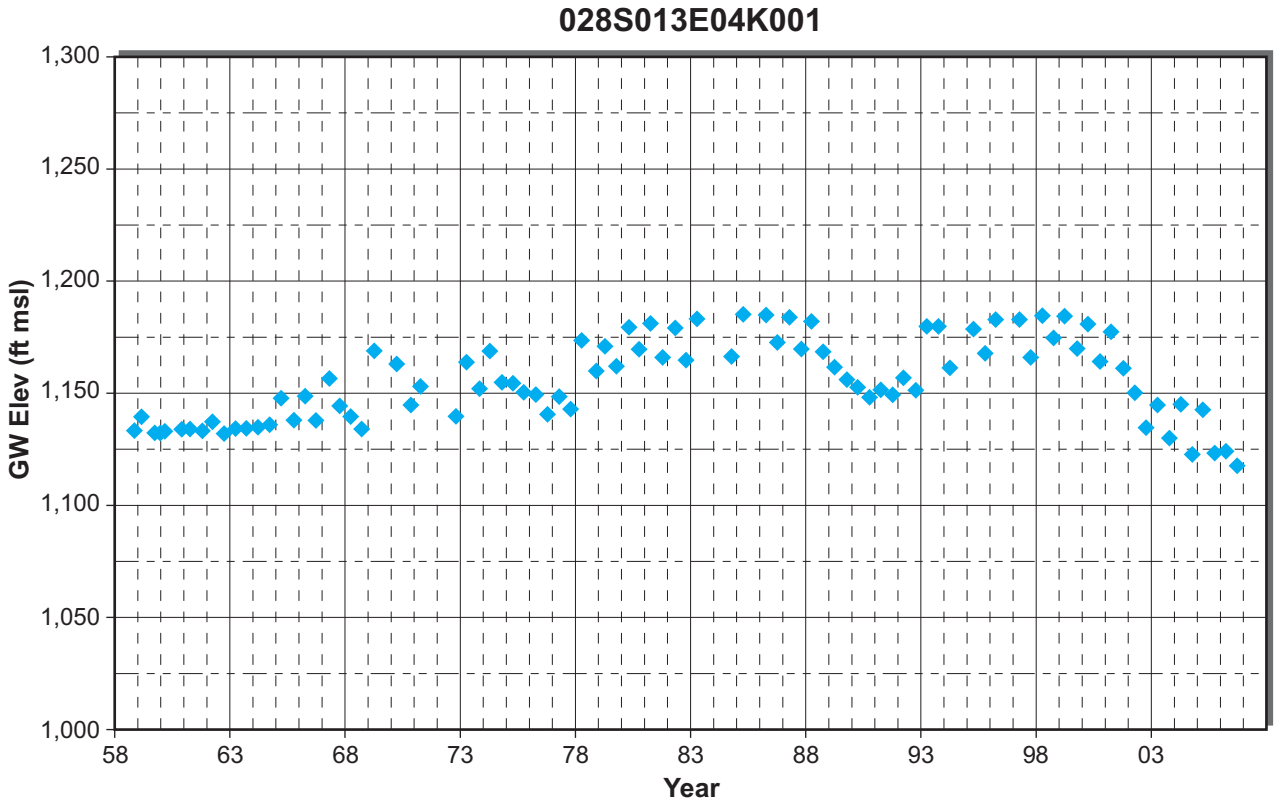
Scale in Miles

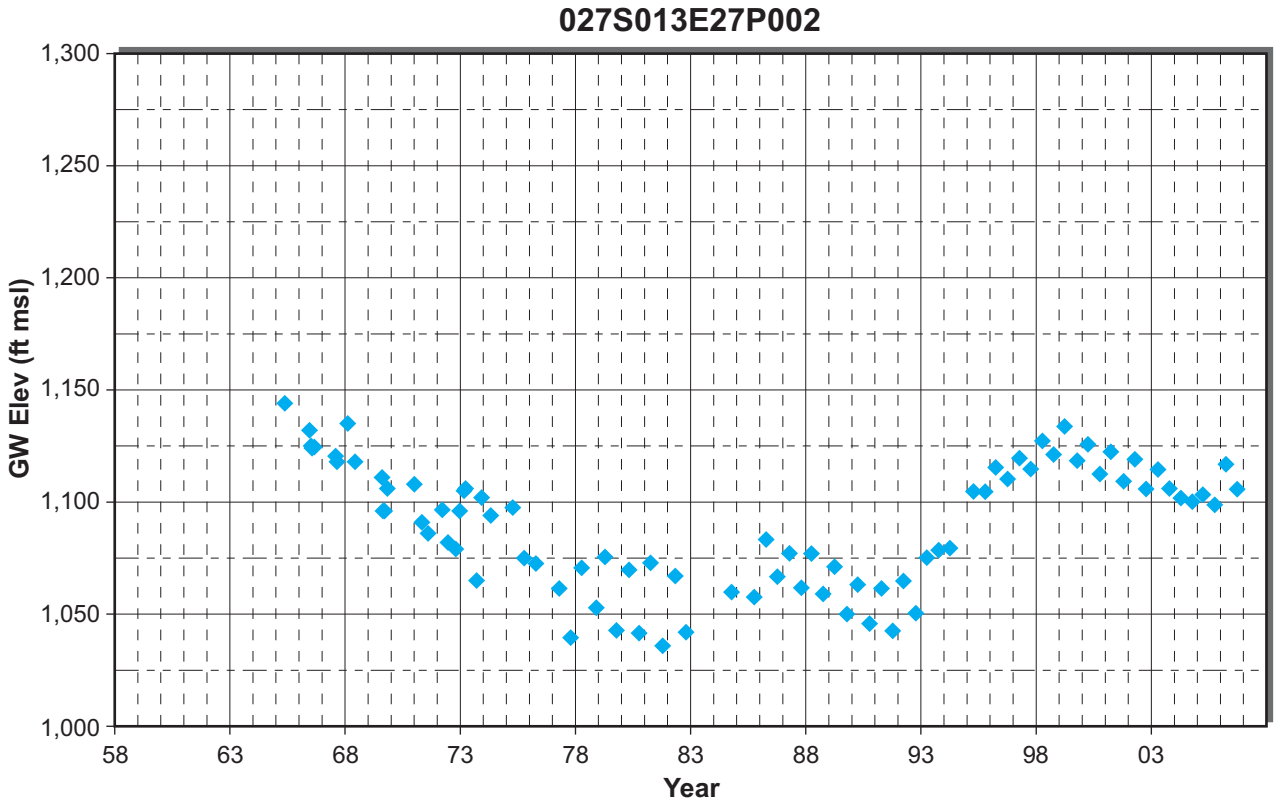
December 2007	**Figure 6**
TODD ENGINEERS Emeryville, California	**Groundwater Elevation Map (Spring 2006)**



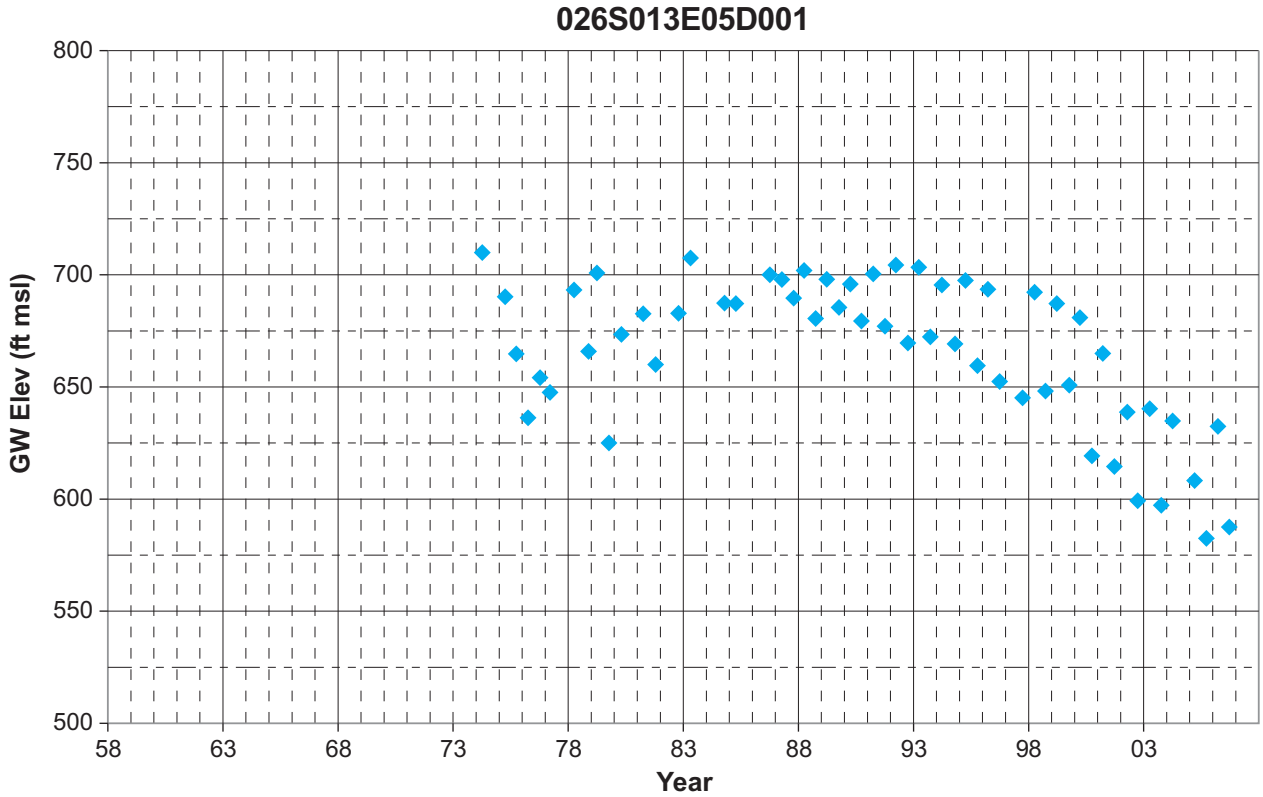


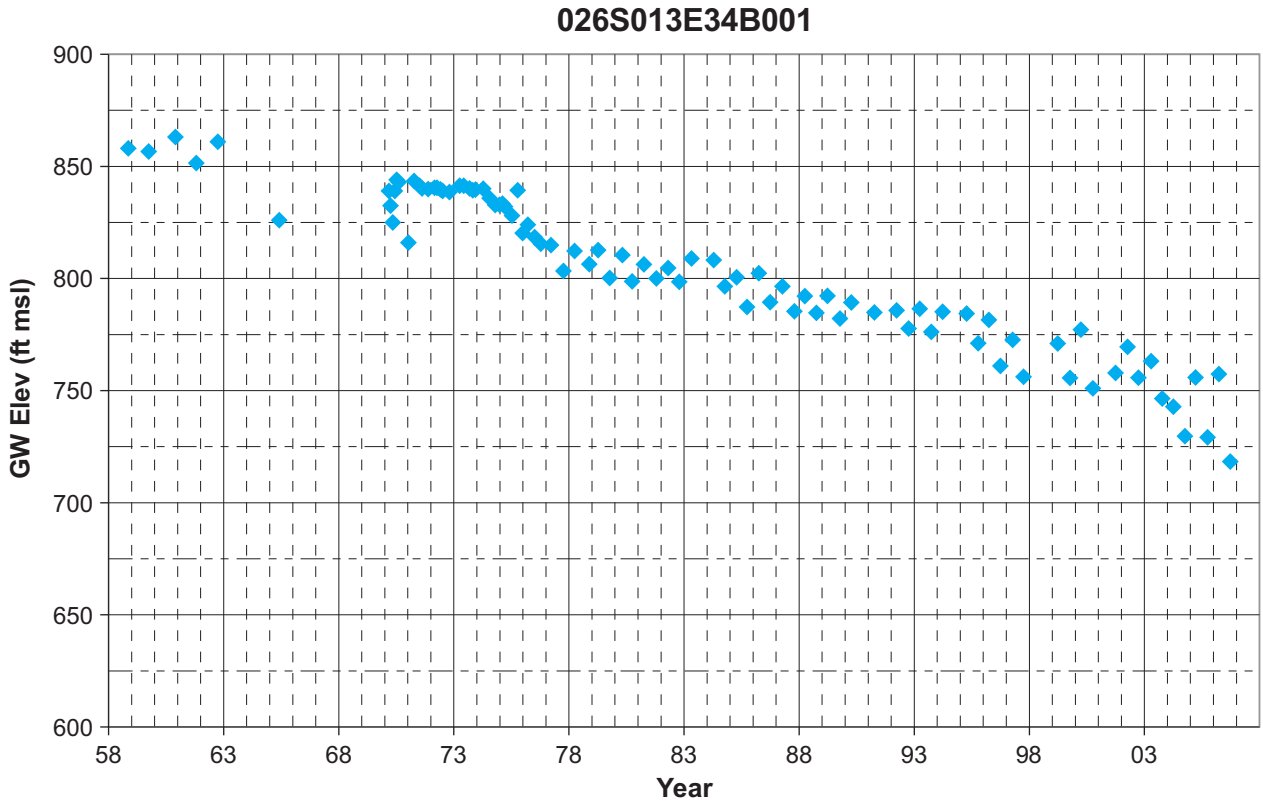
December 2007	**Figure 7**
TODD ENGINEERS Emeryville, California	**Atascadero Subbasin Hydrographs**



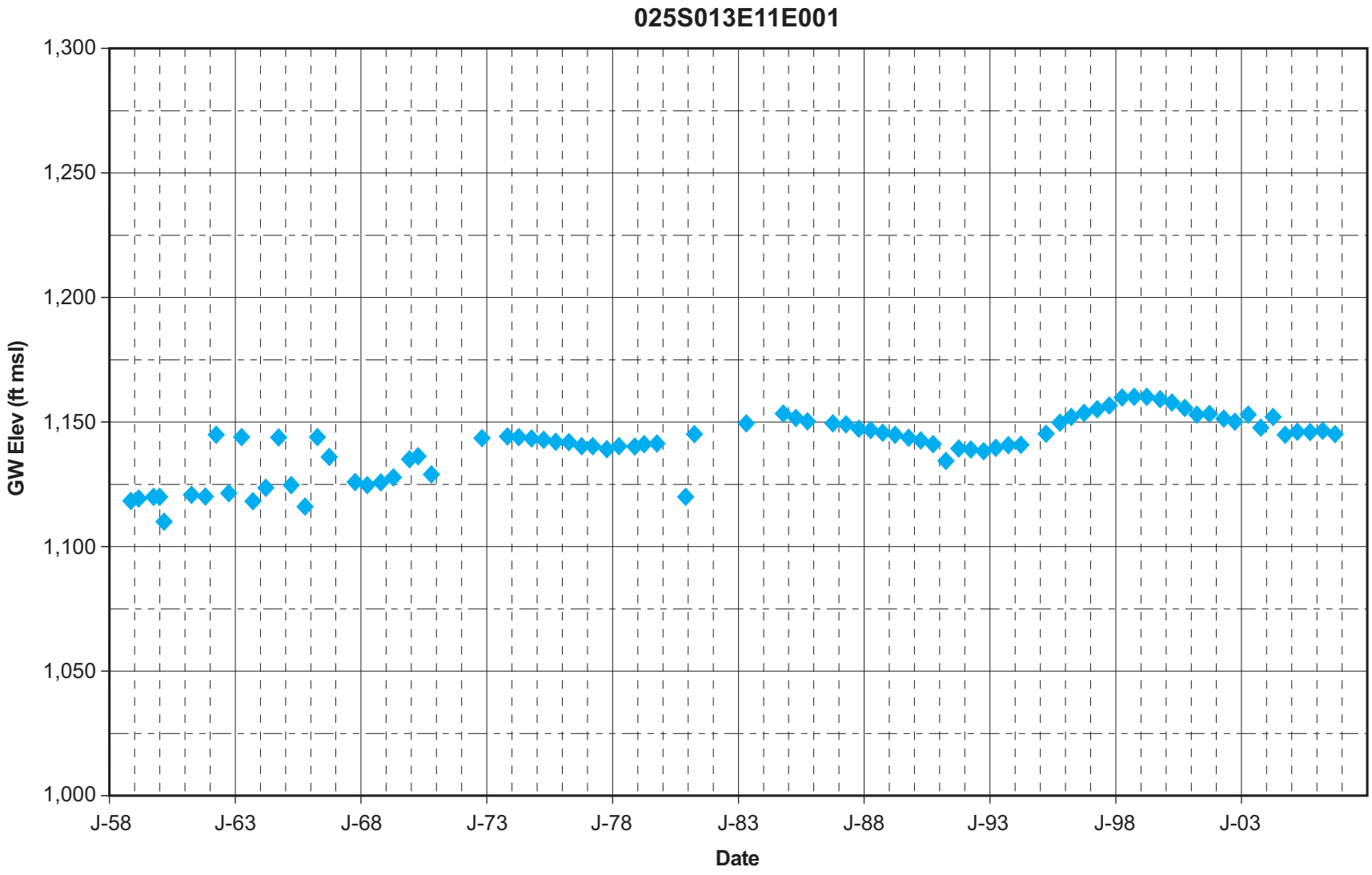


December 2007	**Figure 8**
TODD ENGINEERS Emeryville, California	**Creston Area Hydrographs**

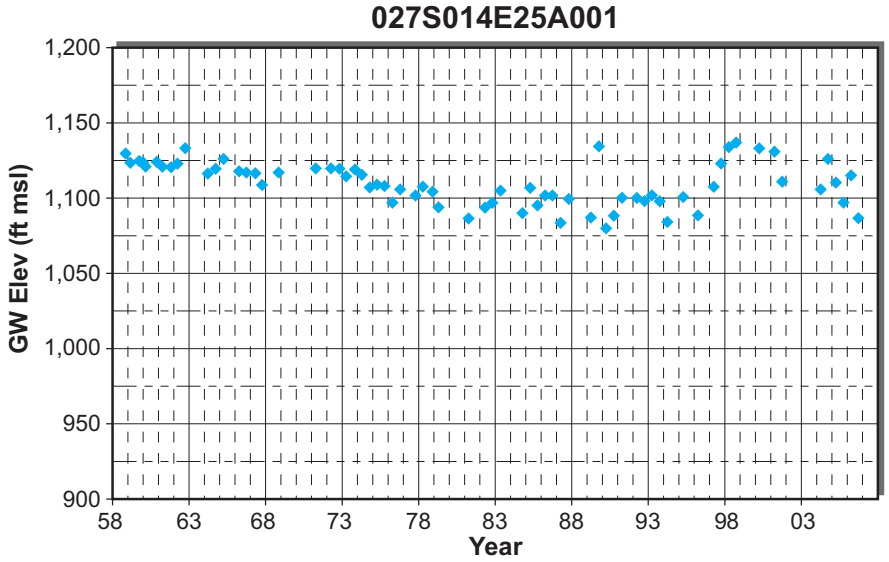


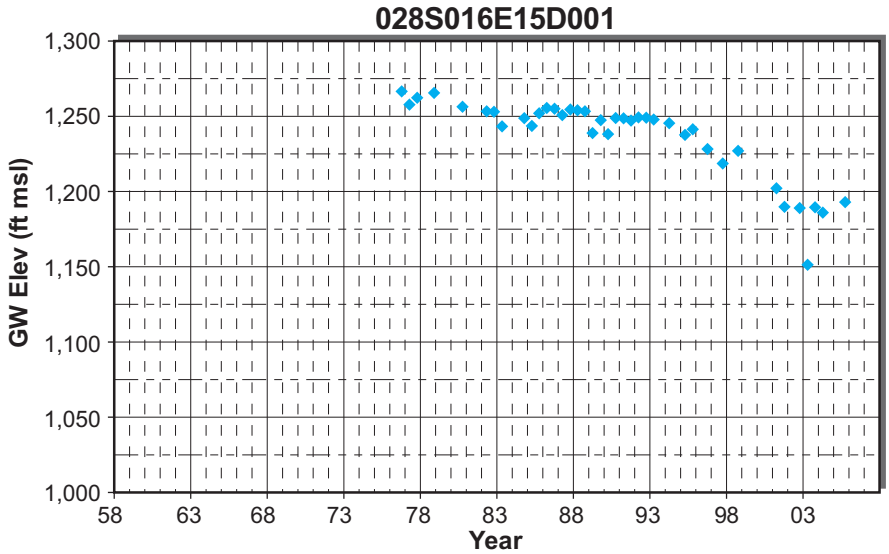


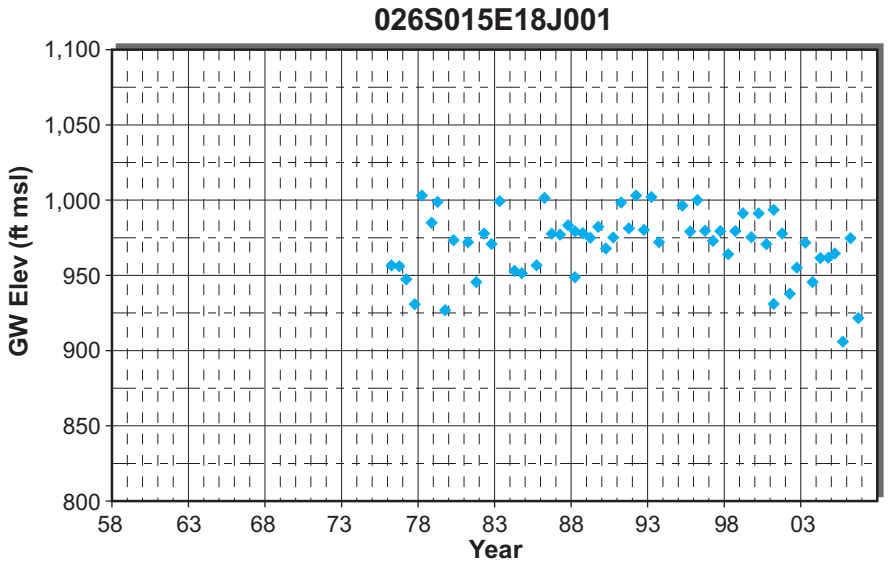
December 2007	**Figure 9**
TODD ENGINEERS Emeryville, California	**Estrella Area Hydrographs**



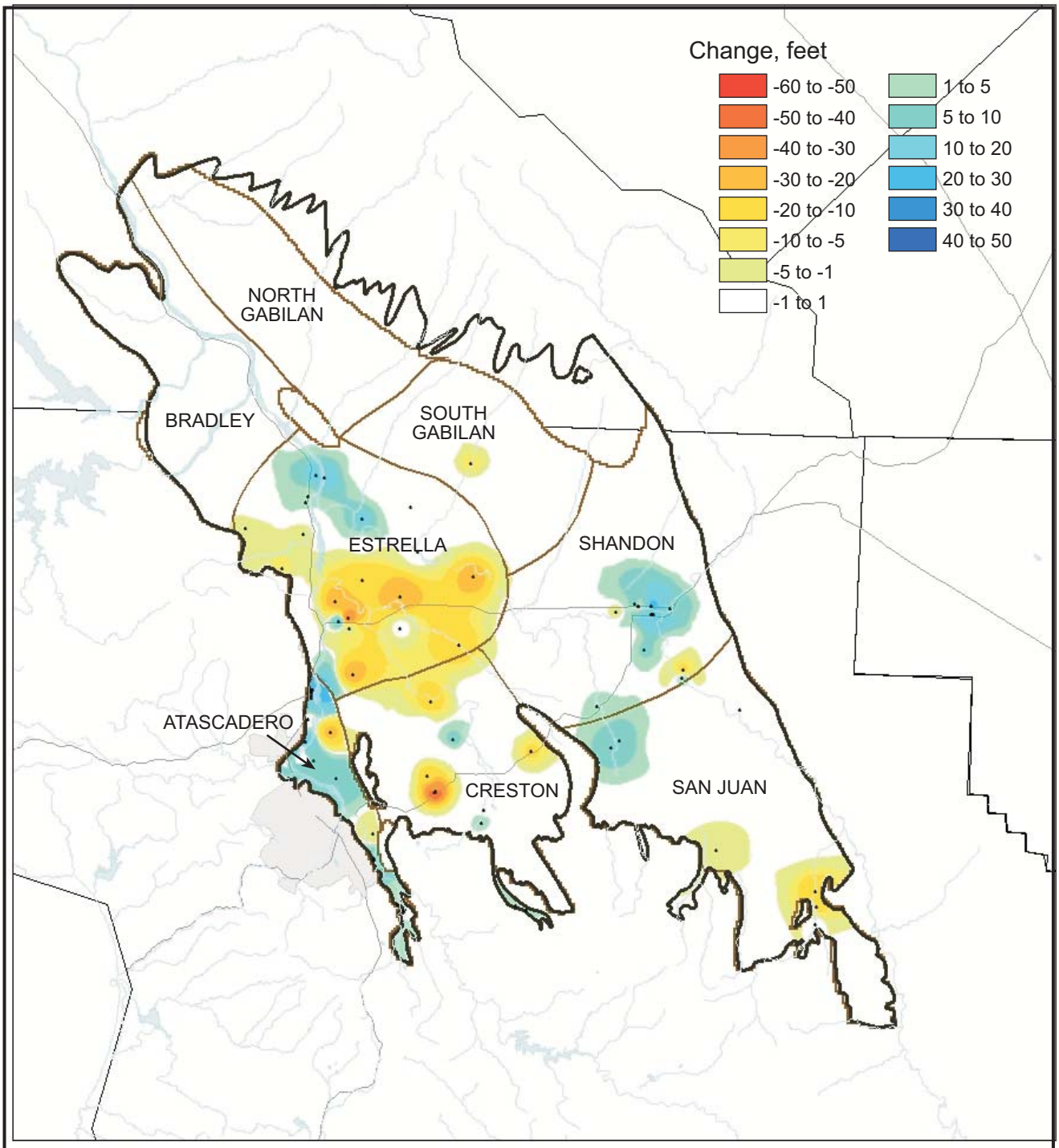
December 2007	**Figure 10**
TODD ENGINEERS Emeryville, California	**Gabilan Area Hydrographs**







December 2007	**Figure 11**
TODD ENGINEERS Emeryville, California	**San Juan and Shandon Area Hydrographs**



Legend

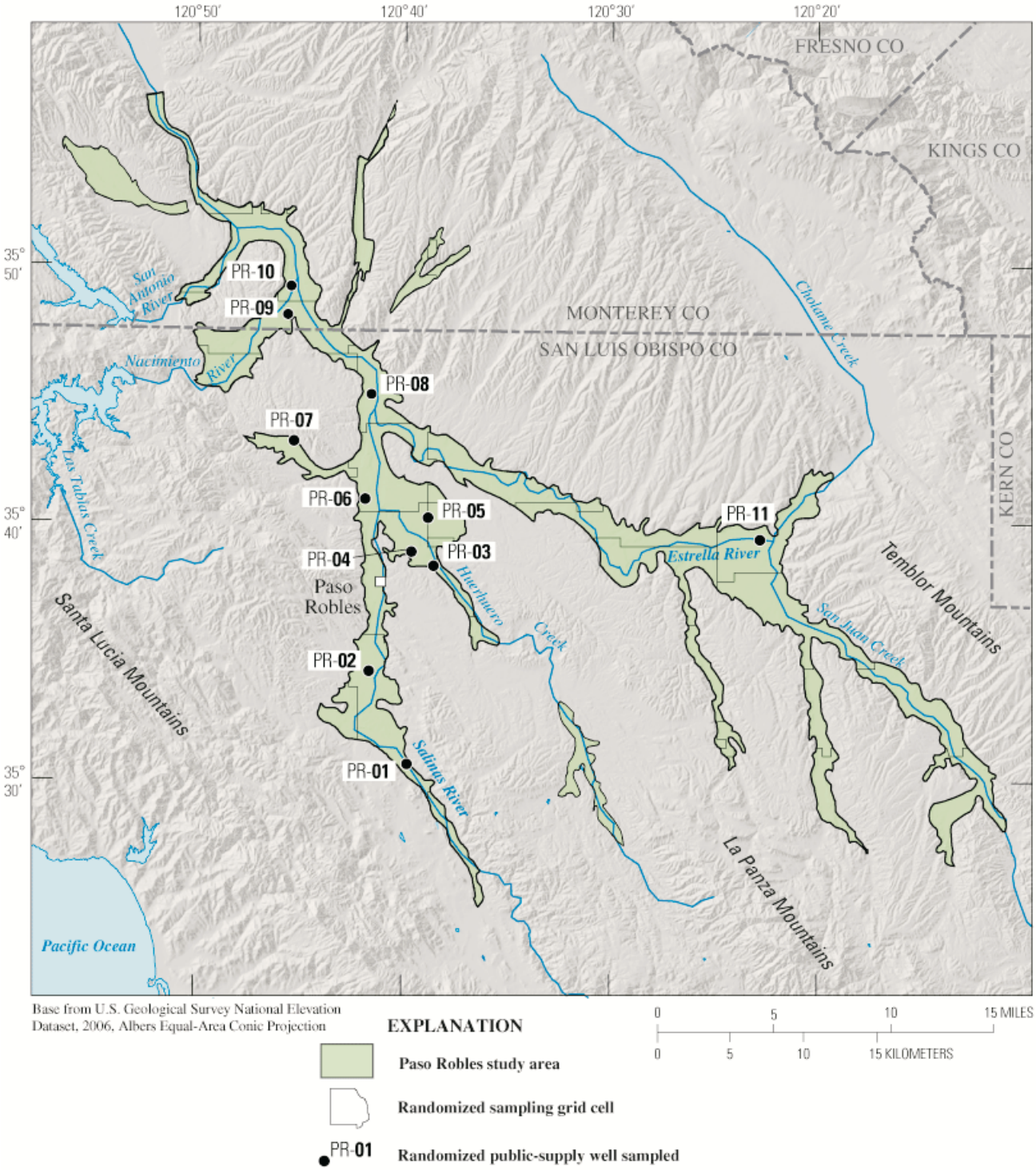
- Wells
- Streams
- State Highways
- Basin Boundary
- Cities/Communities
- Subareas
- Counties

N

0 3 6

Scale in Miles

December 2007	**Figure 12**
TODD ENGINEERS Emeryville, California	**Change in Groundwater Storage (Spring 1997 - Spring 2006)**



December 2007	Figure 13 USGS GAMA Wells
TODD ENGINEERS Emeryville, California	

IN THE BOARD OF SUPERVISORS
COUNTY OF SAN LUIS OBISPO, STATE OF CALIFORNIA

Tuesday, August 17, 2004

PRESENT: Supervisors Shirley Bianchi, Peg Pinard, K.H. 'Katcho' Achadjian, Michael P. Ryan and Chairperson Harry L. Ovitt

ABSENT: None

In the matter of **RESOLUTION NO. 2004-280:**

This is the time set for hearing to consider a resolution of the San Luis Obispo County Flood Control and Water Conservation District approving water supply contracts (Clerk's File) in connection with the Nacimiento Water Supply Project; and approve an appointment to the Nacimiento Commission; All Districts.

Mr. Paavo Ogren: Public Works, presents the staff report outlining the staff recommendation to approve the water supply contracts with the City of Paso Robles, City of San Luis Obispo, Atascadero Mutual Water Company and Templeton Community Services District; comments on the creation of the Nacimiento Commission and appointing a Board member to sit on this Commission.

Supervisor Pinard: addresses her concern to the potential conflict of interest if a Board member sits on this Commission, as decisions by this body can be appealed to this Board; suggests the possibility of appointing a staff member to the Commission instead.

Mr. Ogren: indicates there is no requirement that it be a Board member, that is staffs suggestion; the other agencies involved all have elected officials as their appointees.

Chairperson Ovitt: states there are other committees that Board members sit on that can have their decision appealed to this Board and does not believe a conflict exists.

No one appearing and thereafter, on motion of Supervisor Ryan, seconded by Supervisor Bianchi and on the following roll call vote:

AYES: Supervisors Ryan, Bianchi, Pinard, Achadjian, Chairperson Ovitt
NOES: None
ABSENT: None

the Board approves the contracts with the City of Paso Robles, Atascadero Mutual Water Company and the Templeton Community Services District; approves the contract with the City of San Luis Obispo with the two additions to the language in Article 16 (C)(1) to include "Unit T11" under the existing heading of "Project Segment" and "100.00" under the existing heading of "Participant's Unit Percentage Share"; and, RESOLUTION NO. 2004-280, resolution of the Board of Supervisors approving a water supply contract in connection with the Nacimiento Water Supply Project, adopted as amended. Further, the Board appoints Chairperson Harry L. Ovitt to the Nacimiento Commission.

cc: Public Works (5); Auditor; 8/26/04 vms

STATE OF CALIFORNIA)
) ss.
County of San Luis Obispo)

I, **JULIE L. RODEWALD**, County Clerk and Ex-Officio Clerk of the Board of Supervisors, in and for the County of San Luis Obispo, State of California, do hereby certify the foregoing to be a full, true and correct copy of an order made by the Board of Supervisors, as the same appears spread upon their minute book.

WITNESS my hand and the seal of the said Board of Supervisors, affixed this 26th day of August, 2004.

JULIE L. RODEWALD
County Clerk and Ex-Officio Clerk of the Board of Supervisors

(SEAL)

By: _____
9 C-3 Deputy Clerk

Pass

BEFORE THE BOARD OF SUPERVISORS

of the

SAN LUIS OBISPO COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT

Tues day August 17, 20 04

PRESENT: Supervisors Shirley Bianchi, Peg Pinard, K.H. "Katcho" Achadjian, Michael P. Ryan and Chairperson Harry L. Ovitt

ABSENT: None

RESOLUTION NO. 2004-280

RESOLUTION OF THE BOARD OF SUPERVISORS APPROVING A WATER SUPPLY CONTRACT IN CONNECTION WITH THE NACIMIENTO WATER SUPPLY PROJECT

WHEREAS, the Flood Control and Water Conservation District of the County of San Luis Obispo (the "Flood Control District") has certain rights to water stored in the Nacimiento Reservoir located in the northwest corner of the County of San Luis Obispo (the "County") and the Flood Control District is willing to provide a portion of said water to as many as fifteen (15) purveyors in San Luis Obispo County and initially agrees to provide a portion of said water to Atascadero Mutual Water Company, the City of Paso Robles, the City of San Luis Obispo and Templeton Community Services District (the "Initial Participants" and each, an "Initial Participant" and collectively with all other purveyors who agree to participate, a "Participant"); and

WHEREAS, the Flood Control District desires to contract with each of the Initial Participants to have the District finance, construct and operate a water system which will convey the Flood Control District's waters from the Nacimiento Reservoir to the Initial Participants all on the terms and conditions set forth in that certain Water Supply Contract, by and between the Flood Control District and each Initial Participant (the "Water Supply Contract"); and

WHEREAS, the form of Water Supply Contract has been presented to and considered at this meeting of the Board of Supervisors, to wit:

NOW, THEREFORE, BE IT HEREBY RESOLVED, DETERMINED AND ORDERED BY THE BOARD OF SUPERVISORS OF THE SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, AS FOLLOWS:

Section 1. Recitals. The foregoing recitals are true and correct.

Section 2. Approval of Water Supply Contract. The form of Water Supply Contract, substantially in the form presented to and considered by this meeting of the Board of Supervisors, is hereby approved. Any one of the Chairman or Vice Chairman of said Board, and each of them acting alone (collectively, the "Authorized Officers") is hereby authorized and directed, for and in the name and on behalf of the Flood Control District, to execute and deliver the Water Supply Contract

Section 3. Effective Date. This Resolution shall take effect immediately upon its passage and adoption.

C-3
11

PASSED AND ADOPTED by the Board of Supervisors of San Luis Obispo County, acting as the governing board of the San Luis Obispo County Flood Control and Water Conservation District, at a regular meeting of said Board held on 8/17, 2004, by the following vote:

AYES: Supervisors Ryan, Bianchi, Pinard, Achadjian, Chairperson Ovitt

NOES: None

ABSENT: None

Chairman of the Board of Supervisors of San Luis Obispo County, acting as the Governing Board of the San Luis Obispo County Flood Control and Water Conservation District

(SEAL)

ATTEST:

Julie L. Rodewald
County Clerk of San Luis Obispo County
BY: CHERIE AISPURO Deputy Clerk

APPROVED AS TO FORM AND LEGAL EFFECT:

JAMES B. LINDHOLM, JR.
County Counsel
County of San Luis Obispo

By:

Date: 8/5/04

L:\MANAGMNT\AUG04\BOS\SLO.FLOOD.CONTR.DISTR.RESO.APPROVE.H2OSUPP (2).DOC

STATE OF CALIFORNIA,
County of San Luis Obispo, } ss.

I, Julie L. Rodewald, County Clerk and ex-officio Clerk of the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District, do hereby certify the foregoing to be a full, true and correct copy of an order made by the Board of Supervisors, as the same appears spread upon their minute book.

WITNESS my hand and the seal of said Board of Supervisors, affixed this 24th day of August, 20 04.

Julie L. Rodewald
County Clerk and Ex-Officio Clerk of the Board of Supervisors

(SEAL)

By Cherie Aispuro
Deputy Clerk.

C3
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45420834.1

NACIMIENTO PROJECT WATER

DELIVERY ENTITLEMENT CONTRACT

CITY OF PASO ROBLES

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NACIMIENTO PROJECT WATER
DELIVERY ENTITLEMENT CONTRACT

This Water Delivery Entitlement Contract (the "Contract"), made this 17th day of August 2004, by and between the San Luis Obispo County Flood Control and Water Conservation District, a Flood Control and Water Conservation District duly established and existing under the San Luis Obispo County Flood Control and Water Conservation District Act, Act 7205 of the Uncodified Acts of the California Water Code (the "District"), and City of Paso Robles, a municipal corporation (the "Participant"), as follows:

WITNESSETH:

WHEREAS, the lands and inhabitants within the jurisdiction of the Participant are in need of water; and

WHEREAS, the District has certain rights to water stored in the Nacimiento Reservoir located in the northwest corner of the County of San Luis Obispo (the "County") and the District is willing to provide a portion of said water to the Participant and to other public water distribution agencies within the District; and

WHEREAS, the Participant desires to contract with the District for the supply of additional water for the use and benefit of the lands and inhabitants served by the Participant; and

WHEREAS, the Participant and the District desire to join with other public water distribution entities within the District to have the District finance, construct and operate a water system which will convey the District's waters from the Nacimiento Reservoir to the Participant and to the other public water distribution entities all on the terms and conditions hereinafter set forth;

NOW, THEREFORE, IT IS HEREBY MUTUALLY AGREED by and between the Participant and the District as follows:

ARTICLE 1:
DEFINITIONS

(A) Unless the context otherwise requires, the terms defined in this Article shall, for all purposes of this Water Delivery Entitlement Contract, have the meanings set forth in the Recitals hereof or hereunder specified, to be equally applicable to both the singular and plural forms of any of the terms herein defined. Defined terms used herein without capitalization shall have the same meanings as the corresponding capitalized defined terms but do not refer to the specific Participant hereunder.

"Additional Capital Project" shall mean one or more capital projects related to the Nacimiento Facilities, or other improvements or repairs to the Nacimiento Facilities, undertaken

from time to time by the District in addition to the Nacimiento Project, which is an Approved Additional Project, an Emergency Project or a Required Additional Project.

"Additional Capital Project Costs" shall mean costs expended or incurred by the District for Additional Capital Projects and not attributable to, financed by or included in Capital Projects Installment Debt Service.

"Additional Debt" shall mean, as to the Participant and its Water Enterprise, and as to the Water Enterprises, individually, of the respective Other Participants, such debt or similar obligations to be payable from the revenues of such Water Enterprise, as may be permitted under the terms of the Legal Documents.

"Approved Additional Project" shall mean a capital improvement to the Nacimiento Facilities that has been agreed to by the Participant and/or certain Other Participants, and that will be paid by that group within All Participants which has requested or agreed to such capital improvement.

"All Participants" shall mean those public or private entities then participating in the Nacimiento Pipeline by the purchase of Project Water under this Contract or a Like-Contract.

"Board of Supervisors" shall mean the Board of Supervisors of San Luis Obispo County acting as the governing board of the County Flood Control and Water Conservation District.

"Calendar Quarter" shall mean each three (3)-month period commencing on January 1, April 1, July 1, and October 1 of each year.

"Calendar Year" shall mean each twelve (12)-month period commencing January 1 and ending December 31, both dates inclusive.

"Capital Projects" shall mean and include the following terms, each of which is separately defined herein: Additional Capital Projects; Approved Additional Projects; Required Additional Projects; Emergency Projects and the Nacimiento Project.

"Capital Projects Installment Debt Service" shall mean payments on debt or similar obligations incurred by the District for the Nacimiento Facilities consisting of, in the aggregate, (a) principal and interest (or mandatory sinking fund payments, installments or lease or similar payments due) with respect to all Municipal Obligations at the time outstanding in accordance with their terms, *provided* that capitalized interest funded from the proceeds of Municipal Obligations need not be taken into account, (b) annual costs of administering the Municipal Obligations, including the annual fees of any trustee or paying agent therefor, and (c) the costs, if any, of annual credit enhancement for the Municipal Obligations, whether or not based on a derivative structure as provided in Section 5922(a) of the Government Code. In the event, and to the extent that, any Additional Capital Project is financed by means of the issuance of a series of additional Municipal Obligations, then the payments and costs associated with the additional Municipal Obligations shall become a part of the Capital Projects Installment Debt Service.

"Capital Reserve Costs" shall mean the District's annual costs of maintaining Capital Reserves, determined by the District and budgeted annually by the District as provided for in

Article 4(C) hereof, to be apportioned among All Participants as provided for in Article 16(C)(1) hereof.

"Capital Reserves" shall mean those reserves established and maintained by the District for (i) Scheduled Maintenance or (ii) for anticipated costs of a Required Additional Project imposed, or likely to be imposed, by a Governmental Authority (an "External Requirement") in order for the District to continue to operate the Nacimiento Facilities, *provided* however, that the District shall not expend any portion of the Capital Reserves for any External Requirement until and unless such External Requirement becomes a final order of such Governmental Authority, not subject to further appeal. Such Capital Reserves may be established either, (i) on a year-to-year basis by the District in its annual budgets, copies of which shall be supplied to the Participant promptly following adoption, or (ii) on a multi-year basis by the District through the development and promulgation to the Participant of a long-term capital improvement plan of the District; *provided*, however, that no Approved Additional Projects shall be funded from the Capital Reserves.

"Commission" or "Nacimiento Project Commission" shall mean the commission formed of a representative of the Participant, each Other Participant and the Board of Supervisors, to operate as provided under Article 33 hereof.

"Construction Bids" shall mean the bids for construction of the Nacimiento Project, as further described in Article 2(B).

"Construction Phase" shall mean the period of time following the opening of the final Construction Bid, during which the District shall apply the proceeds of the Municipal Obligations to pay the Nacimiento Project Costs.

"Consultants" shall mean contractors, environmental specialists, engineers, financial advisors, underwriters, attorneys, accountants and similar consultants under contract with the District to perform services related to the Nacimiento Project or the Nacimiento Facilities.

"Contract Payments" shall mean those payments due from the Participant to the District, representing the Participant's pro rata share of Nacimiento Project Costs.

"Costs" shall include the following terms, each of which is separately defined herein: Additional Capital Project Costs; Contract Costs; Nacimiento Project Construction Costs; Master Water Contract Costs; Nacimiento Project Costs; Reserve Water Costs; and Variable Energy Costs.

"County Treasury Pool" shall mean the Treasury Pool of the County of San Luis Obispo, California.

"Coverage Account" shall mean an account established for the Participant either with the District or with a Depository, as provided in Article 24 hereof.

"Coverage Factor" shall mean one hundred twenty-five percent (125%) of Participant's pro rata share of Capital Projects Installment Debt Service, determined in accordance with Article 20(C) hereof, calculated for each Fiscal Year.

"CPA" shall mean a certified public accountant or firm of certified public accountants.

"Debt Service Shortfall" shall mean the aggregate amount of Delinquent Debt Service Payments due from Defaulting Participants on the Due Date in question.

"Delinquent Debt Service Payment" shall mean those payments of Capital Projects Installment Debt Service due under this Contract or any Like-Contract that are not, in fact, paid on its Due Date.

"Delinquent Participant" shall mean any of the Participant or any Other Participant which fails to meet its obligation for payment for Nacimiento Project Water hereunder or under any Like-Contract, as further described in Article 25(A) hereof.

"Delivery Entitlement" shall mean the quantity of Nacimiento Project Water which the Participant is entitled to have delivered by the District to the Participant under this Contract in any given Water Year, as set forth in Article 6(A) herein.

"Delivery Entitlement Share" shall mean the proportion of the Delivery Entitlement as compared to the Total Delivery Entitlement Obligation in any given Water Year.

"Depository" shall mean a financial institution designated for the deposit and administration of the Participant's Coverage Account, as and when appointed in accordance with Article 24 hereof.

"Design Phase" shall mean the period of time during which the proceeds of the Notes are being expended to finance the costs of design, engineering and planning for the construction of the Nacimiento Project. The Design Phase shall conclude with the opening of the final construction bid for the Nacimiento Project.

"Due Date" shall mean the date upon which each payment of Capital Projects Installment Debt Service is required to be made by the Participant or any Other Participant hereunder or under a Like-Contract.

"Effective Date" shall mean the date upon which all Initial Participants have executed and delivered this Contract and the Like-Contracts to the District, and the District has executed each of this Contract and such Like-Contracts.

"Emergency Projects" shall mean those Additional Capital Projects undertaken by the District without notice to or consultation with the Participant, any Other Participant, or the Commission, whenever the District determines that there is a substantial risk of harm to the Nacimiento Facilities or to the operation of the Nacimiento Facilities which requires immediate remedy.

"Fiscal Year" shall mean the twelve (12)-month period from July 1 of a Calendar Year to June 30 of the immediately following Calendar Year, both dates inclusive or such other dates constituting the designated fiscal year of the Participant as shall be determined by the governing board of the Participant.

"Governing Board" shall mean the legislative body which at the time in question governs the Participant and is responsible for the administration and operation of its Water Enterprise.

"Governmental Authority" shall mean any State of California, federal or local government authority having jurisdiction or authority over the District or the Nacimiento Facilities, or any portion thereof, empowered to regulate or control any aspect of its or their operations.

"Initial Participant" shall mean the Participant and the following Other Participants, each of which has executed a Like-Contract as of the Effective Date: City of San Luis Obispo, the Templeton Community Services District and Atascadero Mutual Water Company.

"Legal Documents" shall mean any legal documents entered into by or on behalf of the District with respect to the Municipal Obligations.

"Long-Term Project Debt" shall mean those Municipal Obligations, whether Tax-Exempt or Taxable as to their interest component, whose proceeds are to be expended for the costs of the Construction Phase of the Nacimiento Project.

"Master Water Contract" shall mean that certain Agreement, entered into by and between the District and the Monterey Water Agency (the "Monterey Water Agency"), successor to the Monterey County Flood Control and Water Conservation District, on October 19, 1959.

"Master Water Contract Costs" shall mean those amounts that the District is obligated to pay under the Master Water Contract and which are attributable to the 15,750 acre-feet per year of Nacimiento Project Water.

"Municipal Obligations" shall mean all the Taxable Obligations and the Tax-Exempt Obligations, in the form of bonds, notes, certificates or similar securities, sold by or on behalf of the District to finance all or a portion of the Nacimiento Facilities or an Additional Capital Project, and specifically includes the Notes and Long-Term Project Debt.

"Nacimiento Facilities" shall mean all those facilities comprising the water delivery and treatment facilities bringing water from the Nacimiento Reservoir to the Participants, to be purchased hereunder, including without limitation, the Nacimiento Project, any Additional Capital Project, the land underlying the same and any easements or similar rights associated therewith or appurtenant thereto, as they may exist from time to time.

"Nacimiento Project" shall mean the project described in the Nacimiento Water Project Environmental Impact Report SCH # 2001061022 certified January 2004.

"Nacimiento Project Construction Costs" shall mean the costs of constructing any portion of the Nacimiento Project, including design, engineering, planning, environmental mitigation, equipping new facilities and/or construction efforts, accounting services, project administration and management, installation, grading, razing and building the Nacimiento Project, and includes the elements defined in Article 16(C)(3).

"Nacimiento Project Costs" shall mean the sum of (i) the Nacimiento Project Construction Costs; and (ii) all other costs of operating and maintaining the Nacimiento Facilities and of all Additional Capital Projects.

"Nacimiento Project Water" shall mean, in each Water Year, the Total Delivery Entitlement Obligation plus the Reserve Water, but not more than Fifteen Thousand Seven-Hundred (15,750) Acre-Feet of Nacimiento Reservoir Water. Nacimiento Project Water is the source of the Delivery Entitlement, Surplus Water and Reserve Water.

"Nacimiento Reservoir Water" shall mean the Seventeen Thousand Five Hundred (17,500) Acre-Feet of water which the District has the right to take from the Nacimiento Reservoir pursuant to the Master Water Contract in each Water Year.

"Nacimiento Water Fund" shall mean the separate fund established and maintained by the District within the County Treasury Pool, into which the District shall deposit all Net Revenues and all payments received by the District under this Contract and each Like-Contract.

"Net Revenues" shall mean the sum of (a) the proceeds of sale by the District of Surplus Water, (b) revenues received by the District from Wheeling Customers, and (c) revenues received by the District from the sale of Reserve Water, less the costs of making such sales and collecting said revenues.

"New Participant" shall mean and include each Other Participant which executes a Like-Contract after the Effective Date, in accordance with Article 29(C) hereof.

"Non-Delinquent Participant" shall mean any of the Participant or any Other Participant which at the time is then complying with its obligations to pay for Nacimiento Project Water hereunder or under its Like-Contract, as set forth in Article 25(A) hereof.

"Notes" shall mean those short-term notes to be issued by the District after the Effective Date, whether Tax-Exempt or Taxable as to their interest component, whose proceeds are to be expended for the costs of design, engineering and planning for the construction of the Nacimiento Project.

"Operation and Maintenance Costs" shall mean the reasonable and necessary current expenses of maintaining, repairing and operating the Nacimiento Facilities, including District administrative expenses directly attributable to the Nacimiento Facilities, but excluding the Capital Reserve Costs and the Capital Projects Installment Debt Service, all computed in accordance with generally accepted accounting principles applicable to enterprise funds of government agencies.

"Opt-out Date" shall mean the date following the Effective Date upon which the Participant may elect to opt out of the Construction Phase of the Nacimiento Project and cease to accrue obligations under this Contract, as further described in Article 2(B).

"Other Delivery Entitlement" shall mean the quantity of Nacimiento Project Water which any Other Participant is entitled to have delivered by the District under its Water Delivery Entitlement Contract in any given Water Year.

"Other Delivery Entitlement Share" shall mean the proportion of the Other Delivery Entitlement of each Other Participant as compared to the Total Delivery Entitlement Obligation in any given Water Year.

"Other Participant" shall mean any other water-distributing public agency of the State of California, city, mutual water company or other entity established under the laws of the State of California, which, having the legal power to do so, executes a Water Delivery Entitlement Contract substantially identical to this Contract for the delivery of water from the Nacimiento Facilities (a "Like-Contract"), except for Participant information, dates, Unit Participations, Participant's Unit Percentage Share and Delivery Entitlement Share, other than for the purpose of purchasing Surplus Water.

"Parity Debt" shall mean, as to the Participant and its Water Enterprise, and as to the Water Enterprises, individually, of the respective Other Participants, all Additional Debt that, by its terms, is payable on a parity with the obligations of the Participant under this Contract.

"Participant Revenue Fund" shall mean that special segregated fund established with or by the District for the deposit of amounts collected from the Participant hereunder as its portion of Capital Projects Installment Debt Service.

"Participations" include the following types of participation in the purchase of Project Water, each of which is separately defined herein: All Participants; Delinquent Participant; Initial Participants; New Participants; Non-Delinquent Participants; Other Participants and Participant.

"Participant's Capital Share" shall mean the portion of the Total Nacimiento Project Construction Costs to be borne by the Participant, and as set forth in Article 16(C)(3).

"Prior Commitment Water" shall mean 1,750 acre-feet of Project Water available to the District each Water Year from the Nacimiento Reservoir under the terms of the Master Water Contract that has been committed to persons and entities other than the Participant and the Other Participants.

"Required Additional Project" shall mean any capital improvement to the Nacimiento Facilities that the District has determined to be necessary in order to keep the Nacimiento Facilities in good repair and operating condition and to maintain the water supply at the quality required hereunder, or which has been ordered or directed by a Governmental Authority.

"Reserved Capacity" shall mean that part of the capacity of the Nacimiento Facilities which is not needed by the District for the delivery of the Total Delivery Entitlement Obligation.

"Reserve Pool Water" shall mean the portion of Reserve Water remaining, if any, after the District applies and delivers the Reserve Water in accordance with the priorities set forth in Article 29(A) hereof.

"Reserve Water" shall mean that part of the Nacimiento Reservoir Water remaining after the subtraction of the Prior Commitment Water and the Total Delivery Entitlement Obligation.

"Reserve Water Customer" shall mean any person or entity that is a party to a contract with the District pursuant to which that person or entity is obligated to purchase Reserve Water from the District.

"Scheduled Maintenance" shall mean the maintenance tasks for the Nacimiento Facilities which are required to be accomplished less frequently than annually, a portion of the costs of which shall be set aside in each annual budget of the District in anticipation of such requirement.

"Surplus Water" shall mean, beginning with the first Water Year during which Nacimiento Project Water is delivered to the Participant, and in each Water Year thereafter, the sum of (i) the Reserve Water for such Water Year, if any, plus (ii) the Turn-Back Pool Water for such Water Year, if any.

"Taxable Obligations" shall mean those certain obligations of the District under an indenture of trust or evidenced by an installment purchase agreement or similar instrument whose proceeds are used in whole or in part to pay the costs of the Nacimiento Project, any Approved Additional Project or any Required Additional Project, the interest on which is included in gross income pursuant to federal income tax law.

"Tax-Exempt Obligations" shall mean those certain obligations of the District under an indenture of trust or evidenced by an installment purchase agreement or similar instrument whose proceeds are used in whole or in part to pay the costs of the Nacimiento Project, any Approved Additional Project, or any Required Additional Contract, the interest on which is excluded from gross income for federal income tax purposes.

"Total Delivery Entitlement Obligation" shall mean, subject to the Master Water Contract, the total amount of Nacimiento Project Water which the District shall make available in each Water Year as Delivery Entitlements to the Participant and Other Delivery Entitlements to the Other Participants under this Contract and under all the other Like-Contracts, and which total shall not exceed the Nacimiento Reservoir Water, less the Prior Commitment Water and less the Reserve Water.

"Total Nacimiento Project Construction Costs" shall mean the costs and expenses incurred by the District in the acquisition and construction of the Nacimiento Facilities.

"Total Participant Contract Payments" shall mean all of the payments due from the Participant and the Other Participants pursuant to Articles 16 and 17 hereof and the corresponding Articles of the Like-Contracts with the Other Participants.

"Turn-Back Pool Water" shall mean that part of the Delivery Entitlement which the Participant does not request be delivered for the Water Year in question in accordance with Article 7 hereof, together with those portions of the Other Delivery Entitlements which are not requested to be so delivered under the correlative provisions of the affected Like-Contracts.

"Unit" shall mean those facilities, which collectively make up the operating segments of the Nacimiento Facilities, delineated as provided in Exhibit A.

"Unit Percentage Share" shall mean the Participant's pro rata share of the Capital Reserve Costs, the Operation and Maintenance Costs and All Other Construction Costs Component for each Unit and as set forth in Article 16(C)(1) and (3)(c) herein; or, in the context of a Like-Contract with any Other Participant, the term "Unit Percentage Share" shall mean and refer to the correlative pro rata share of such Other Participant or Participants.

"Variable Energy Costs" shall mean the actual Nacimiento Facilities pumping energy costs incurred by the District in conveying and delivering: (i) the Delivery Entitlement and Surplus Water to the Participant and (ii) the respective Other Delivery Entitlements and surplus water to the Other Participants as defined under their respective Like-Contracts and as set forth in Article 16(C)(2) hereof.

"Water Delivery Entitlement Contracts" shall mean this Contract and the other Nacimiento Project Water Delivery Entitlement Contracts entered into by and between the District and the Other Participants.

"Water Enterprise" shall mean the water system operated and to be operated by the Participant for sales of water to its customers or to the general public within the Participant's jurisdiction.

"Water Enterprise Charges" shall mean the rates and charges imposed and collected by the Participant for the provision of water through its Water Enterprise.

"Water Rights" shall mean (a) water rights, (b) claims to water rights or (c) agreements concerning water rights, including, but not limited to, overlying, prescriptive, appropriative, riparian or pueblo rights.

"Water Year" shall mean the twelve (12)-month period from October 1 of a each year to and including September 30 of next following year.

"Wheeling Customer" shall mean any person or entity to which the District conveys water, other than Nacimiento Project Water, through any Unit.

ARTICLE 2:
TERM OF CONTRACT; RESCISSION

(A) Term. This Contract shall become effective on the Effective Date and shall remain in effect throughout the term provided by Section 3 of the Master Water Contract; *provided*, that if and when, through no fault of the District, one or more provisions of the Master Water Contract shall be terminated or suspended in the manner and for a cause specified in the Master Water Contract, the District's obligations to the Participant and to the Other Participants under this Contract and under Like-Contracts shall likewise be terminated or suspended; *provided*, however, that this Contract may not be terminated, suspended or rescinded so long as there remain outstanding any Municipal Obligations issued by the District for the Nacimiento Facilities.

(B) Implementation of the Design Phase and Construction Bidding. The parties hereto acknowledge that the total Nacimiento Project Construction Costs are estimated to be $150,000,000 as of the Effective Date; the parties hereto further acknowledge that the actual total costs of construction of the Nacimiento Project will be determined through a competitive bid process applicable to the District at the conclusion of the Design Phase (collectively, the "Construction Bids"). The District covenants and agrees to provide All Participants with a summary report of the Construction Bids, not less than two (2) Business Days following the date upon which the last of such bids is received. In the event that the District finds it necessary or advisable to divide the Construction Phase into two or more subphases, it shall provide a summary report to All Participants of those Construction Bids it deems sufficient to begin the Nacimiento Project (which shall include Construction Bids on no less than thirty percent (30%) of the total estimated Nacimiento Project Construction Costs) and a sound estimate (which shall then be current and shall be based, as appropriate, on construction bids received) of total Nacimiento Project Costs, and shall so state and so estimate in its report to All Participants. The thirtieth (30th) calendar day following the date upon which such report is received by the Participant is referred to as the "Opt-out Date." It is understood and agreed by the parties hereto that the District will incur certain costs and expenses for the Design Phase, which it intends to pay for, in large part, from the proceeds of sale of the Notes. The Construction Bids can only be developed as a result of planning to be accomplished during the Design Phase, by the end of which, the District anticipates that all of the proceeds of the Notes will have been expended. The Participant expressly understands and agrees that the use of the Notes to finance the costs of the Design Phase is an expenditure for the shared benefit of its Water Enterprise and the Water Enterprise of each Other Participant. The District shall not award any construction contracts for the Nacimiento Project until such time as the District shall have consulted with All Participants as to whether to proceed with the Nacimiento Project, and in no event shall any award of a Construction Bid be made, nor shall any Long-Term Project Debt be issued, prior to the Opt-out Date.

(C) Termination of Participation in Nacimiento Facilities by Participant after Effective Date. Subject to the provisions of subparagraph (A) above, the Participant may withdraw from this Contract (and any Other Participant may withdraw from any Like-Contract) following the Effective Date and on or prior to the Opt-out Date, but only if the total Nacimiento Project Construction Costs shall exceed the figure given in paragraph (B) above. In order to withdraw from participation hereunder, the Participant shall provide written notice to the District and to each Other Participant that it elects to opt out of the Construction Phase.

(D) Obligations of District, of All Participants and of Participant in the Event of Opting Out. The Participant agrees with the District and all Other Participants that the Initial Participants shall share the costs of the Design Phase by the expedient of remaining obligated for the repayment in full of the principal of and interest on the Notes, whether or not the Participant should subsequently take advantage of the forgoing provisions to opt out of the remaining term of this Contract. Should the Participant elect to withdraw from this Contract on the Opt-out Date, it shall nonetheless repay to the District its pro rata share (in proportion to its Delivery Entitlement Share) of the principal of and interest on the Notes by a date no later than one (1) year following the Opt-out Date. The Participant understands and agrees that the District shall not be obligated to pay any portion of the expenses for the Design Phase or the Municipal Obligations, which shall instead be the pro rata obligations of the Participant and the Other

Participants which will benefit from the Nacimiento Project, and that, in the absence of the Participant's having withdrawn on an Opt-out Date, the Participant and the Other Participants then remaining shall pay to the District pro rata (in proportion to their respective Delivery Entitlement Share or Other Delivery Entitlement Shares) the amount necessary to pay or redeem any outstanding Municipal Obligations. The provisions of this Article shall survive the rescission of this Contract.

(E) Rescission Following Construction of the Nacimiento Project. Subject to the provisions of subparagraph (A) above, this Contract may be rescinded by the unanimous written consent of the District, the Participant and all Other Participants.

ARTICLE 3:
CONSTRUCTION OF THE NACIMIENTO FACILITIES

(A) District's Authority to Enter Contracts, to Engage Consultants and to Finance the Nacimiento Facilities. The Participant understands and agrees that the District will finance the acquisition and construction of the Nacimiento Facilities by means of the issuance and sale of Municipal Obligations and the Participant agrees that the District shall, and is hereby authorized to cause the execution and delivery of the Municipal Obligations on terms and conditions favorable to the District, to the Participant and to the Other Participants, and which terms and conditions will be established by the market conditions at the time of the sale of the Municipal Obligations. In particular, the Participant acknowledges and agrees that:

(1) The District shall contract for the public works comprising the Nacimiento Facilities on such terms as the District, in its sound business judgment may deem in the best interests of the District, the Participant and the Other Participants, but only following consultation with the Nacimiento Project Commission; and

(2) The District may engage Consultants as may be necessary and/or convenient in order to plan, finance, acquire and construct the Nacimiento Facilities and to issue and sell the Municipal Obligations, on such terms and conditions as the District shall determine, *provided*, however, that the District and the Participant hereby agree that all such contracts already in place as of the effective date of this Contract shall be deemed valid and the costs thereof to the District shall be deemed appropriate costs and expenses of the District in the acquisition and construction of the Nacimiento Facilities ; and

(3) The District may authorize and sell at either public or private sale, and cause to be executed and delivered, the Municipal Obligations at any time, or times, following the effective date hereof, to provide for the financing or reimbursement to the District of the costs of the acquisition and construction of the Nacimiento Facilities, to pay capitalized interest on the Municipal Obligations, to establish a reserve fund for the Municipal Obligations and to pay the costs of delivery thereof; and

(4) The Participant shall execute and provide such instruments, certificates, agreements and opinions of counsel as may be necessary in order for the District to deliver the Municipal Obligations, including, without limitation, information for inclusion in the disclosure document for the Municipal Obligations and a continuing

disclosure agreement to permit compliance with Rule 15c2-12 of the Securities and Exchange Commission, respecting the Participant's financial condition and operations, and certificates and agreements evidencing compliance with the covenants set forth in Article 22 hereof; and

(5) The Participant will cooperate with the District and its Consultants in connection with the planning, acquisition and construction of the Nacimiento Facilities and the authorization and delivery of the Municipal Obligations.

(B) Commencement of Construction. The District will use its best efforts to cause or accomplish the construction and financing of the Nacimiento Facilities, the obtaining of all necessary authority and rights, and the performance of all things necessary and convenient therefor. The District will commence the acquisition and construction of the Nacimiento Facilities on any date after the Effective Date and when the following conditions have been met:

(1) The District determines such acquisition and commencement of construction is permitted under the Master Water Contract and state, federal and local law; and

(2) The District has received from the District's Consulting Engineer a certification that, based on contracts awarded by the District for the acquisition and construction of the Nacimiento Facilities, and based upon the Consulting Engineer's estimates of the costs of the portions of the Nacimiento Facilities for which contracts have not been awarded, the District has sufficient moneys from (i) the proceeds of the Municipal Obligations, together with (ii) estimated proceeds to be derived from any other authorized but unissued Municipal Obligations, and (iii) moneys on deposit with the District and legally available to complete the Nacimiento Facilities.

ARTICLE 4:
OWNERSHIP, OPERATION AND MAINTENANCE OF NACIMIENTO FACILITIES

(A) District Ownership of the Nacimiento Facilities. The Nacimiento Facilities and all of its pumps, machinery, conduits, apparatus, fixtures, fittings and equipment of any kind, real property (including rights-of–way) and capacity are and shall be, owned by the District and shall be held and operated and maintained by the District as provided for herein.

(B) District's Objectives and Covenants. The parties hereto acknowledge and agree that the primary goal of the District under this Contract shall be to deliver Nacimiento Project Water to the Participant and to the Other Participants, subject to cost considerations, as to which the District shall be expected to exercise sound business judgment. In this regard, the District covenants and agrees that it will operate and maintain the Nacimiento Facilities in accordance with the Master Water Contract, all governmental laws, ordinances, approvals, rules, regulations and requirements, including, without limitation, such zoning, sanitary, pollution, environmental and safety ordinances and laws and such rules and regulations thereunder as may be binding upon the District. The District further covenants and agrees that it will maintain and operate the Nacimiento Facilities in good repair, working order and condition, and that it will from time to time inspect and test all Nacimiento Facilities against then-current water supply industry

standards, and that the District will pursue all necessary and proper replacement, repairs, renewals and improvements thereto. In its operation of the Nacimiento Project, the District shall have as an objective the maximum beneficial use of the Nacimiento Project Water and its conservation. The District, the Participant and the Other Participants agree that they shall individually and collectively cooperate and work towards this objective. The District, the Participant and the Other Participants, individually and collectively, agree further that, to the extent feasible, all revenues received from the Nacimiento Facilities shall be used for the sole benefit of the Nacimiento Facilities and that all parties shall pay their respective shares of Nacimiento Project Costs for Nacimiento Project Water received.

The District further covenants and agrees that it will take any and all action necessary to enforce the rights vested in the District by this Contract and the Master Water Contract as the District deems most appropriate. However, in the event the District fails to enforce any such rights, the Participant may assert such rights on behalf of the District by such means as the Participant deems most appropriate. Nothing in this Contract shall impair or otherwise affect, in any manner, the Participant's right to assert, defend, enforce or otherwise protect any and all rights vested in the Participant by this Contract.

(C) District's Capital Reserves; Annual Budgets to Be Prepared by the District. In order to satisfy its covenants set forth in this Article, the District shall determine the amount of Capital Reserves necessary for the Nacimiento Facilities for the upcoming Water Year and shall prepare its draft annual budget by no later than March 1 to reflect such Capital Reserves. The District shall provide copies of each such budget to the Nacimiento Project Commission, the Participant and the Other Participants for review and comment prior to the distribution of the draft annual budget to the Board of Supervisors, and shall, if deemed necessary or advisable, develop and promulgate to the Nacimiento Project Commission, the Participant and the Other Participants a multi-year improvement plan for the Nacimiento Facilities reflecting the annual requirements for the Capital Reserves.

ARTICLE 5:
EXISTING OBLIGATIONS: MASTER WATER CONTRACT AND PRIOR COMMITMENT WATER

(A) Primacy of Master Water Contract. The obligations of the District under this Contract and the obligations of the District under each and every Like-Contract with the Other Participants, shall be subject to the provisions of the Master Water Contract and should the provisions of the Master Water Contract restrict, impair or prohibit the District from the performance of any or all of the District's obligations under this Contract and/or the Like-Contracts with the Other Participants, then the District shall, to the extent that the District is so restricted, impaired or prohibited, be relieved of its said performance obligations to the Participant under this Contract. This Contract does not create in the Participant any right, rights or interest in or to the Master Water Contract. The Participant has been provided with a copy of the Master Water Contract for review. On advice of counsel, the Participant has reviewed the Master Water Contract and determined that the terms of the Master Water Contract do not conflict with the terms of this Contract or the Participant's obligations hereunder.

(B) Prior-Commitment Water. No part of the Prior-Commitment Water shall be used by the District to satisfy any of the District's obligations under this Contract with the Participant, Like-Contracts with Other Participants or the District's agreements with Reserve Water Customers or third parties.

ARTICLE 6:
DELIVERY ENTITLEMENT

(A) Amount of Delivery Entitlement. Subject to the provisions of Article 14(D), and so long as water is made available to the District under the Master Water Contract, the District shall make available to the Participant, in each Water Year, the Delivery Entitlement of Four Thousand (4,000) acre-feet of Nacimiento Project Water. Notwithstanding the foregoing:

(1) The Total Delivery Entitlement Obligation available under this Contract and under the Like-Contracts with the Other Participants may be reduced, following written notice given to the Participant from the District, for any of the conditions or reasons set forth in Articles 13, 14 and 15 hereof; and

(2) Under this Contract and all Like-Contracts, the District shall not be obligated to deliver to the Participant or to any Other Participants, nor shall said Participants have any rights in or to, any of the District's Prior-Commitment Water.

(B) Limit on Rate of Deliveries of Water to Participant. In no event shall the District be obligated to deliver the Delivery Entitlement and/or Surplus Water through any delivery structure of the Nacimiento Facilities at a total combined instantaneous rate of flow exceeding 6.1 cubic feet per second. The maximum amount of said water to be delivered by the District to the Participant from the Nacimiento Facilities in any one month of any year shall not exceed 367 acre-feet. While the District is not required to deliver more than 367 acre-feet of water to the Participant in any one month of any year, and while the District is not obligated to deliver the Delivery Entitlement and/or Surplus Water through any delivery structure of the Nacimiento Facilities at a total combined instantaneous rate of flow exceeding 6.1 cubic feet per second, in the event deliveries required to be made by the District to the Other Participants do permit a higher monthly rate of delivery to the Participant, then the District shall have the discretion temporarily to exceed the maximum monthly deliveries provided for herein.

In the event that the Participant shall desire to have the Nacimiento Project constructed in such a manner as to allow the District to deliver the Delivery Entitlement through any delivery structure of the Nacimiento Project at a total combined instantaneous rate of flow exceeding 6.1 cubic feet per second, the Participant shall notify the District in writing prior to the time that the District shall have completed the final design of the Nacimiento Project. At the time the District receives said request, the District shall determine the additional costs of the Nacimiento Project which are attributable to the Participant's desired increased rate of flow. The Commission shall review the District's determination of the aforesaid additional costs and report the additional costs to the Participant. The Participant agrees that the Participant shall be solely responsible for and shall pay to the District the additional costs of construction of the Nacimiento Project which are attributable to the increased rate of flow.

(C) No District Obligation to Deliver at Particular Head or Pressure. The District is under no obligation to the Participant to deliver the Delivery Entitlement at any particular head or pressure; however, the Nacimiento Project shall be designed to deliver water to the Participant's turnout at a hydraulic grade line of 920 feet.

(D) Participant's Right to Acquire Additional Delivery Entitlement. To the extent that the District has available Reserved Water, Participant shall have the right to apply to, and acquire from, the District, additional delivery entitlement as provided for in Article 29 herein.

ARTICLE 7:
WATER YEAR DELIVERY AMOUNTS AND SCHEDULE

The amounts, times and rates of delivery of the Delivery Entitlement to the Participant during any Water Year shall be in accordance with a water delivery schedule determined by the District in the following manner:

(A) Preliminary Water Delivery Schedule. On or before October 1 of each Calendar Year, the Participant shall submit in writing to the District a preliminary water delivery schedule which sets forth the amounts, rates and times of the conveyance and delivery of the Delivery Entitlement as is desired by the Participant for each month of the next succeeding three (3) Water Years.

(B) Coordination with Other Participant Preliminary Schedules. Upon receipt of the Participant's preliminary water delivery schedule, the District will consider the Participant's requested schedule, and the preliminary water delivery schedules submitted to the District by the Other Participants, and, after consultation with the Participant, the District shall make such modifications in the Participant's preliminary water delivery schedule as will allow the District to schedule the amounts, times and rates of the conveyance and delivery of the Delivery Entitlement, and those of the Other Participants, so that the requests of the respective Participants will match as closely as possible their respective requests but in a manner which is consistent with the efficient and economical operation of the Nacimiento Facilities.

(C) Amendment of Schedules. The Participant's water delivery schedule may be amended, from time to time, upon the written request of the Participant to the District, subject to the pre-existing obligations of the District under the water delivery schedules of Other Participants for the same period of time.

ARTICLE 8:
PLACE OF DELIVERY

(A) Place of Delivery. All of the Delivery Entitlement and all Surplus Water furnished to the Participant shall be delivered to the Participant at Unit T2 (the "Place of Delivery").

(B) Request for Change in Place of Delivery during First Half of Design Phase. If the Participant shall desire to change its Place of Delivery at any time prior to the time that the Design phase is half completed, the Participant may do so, *provided*, the Participant shall be

solely responsible for any and all costs of design, construction or operation attributable to the change in Place of Delivery. No request during the Design Phase for a change in the place of delivery will be granted if such change would cause a material delay in either the Design Phase or the Construction Phase or would require the District to prepare an environmental impact report.

(C) Request for Change in Place of Delivery at any Time. If the Participant shall desire at any time during the term of this Contract to change the Place of Delivery, or to request an additional place(s) of delivery, the Participant may do so, *provided*, the new or additional place of delivery will not interfere with, or restrict, or impair, the conveyance or delivery of the delivery entitlement of any Other Participant and, *provided* that the Participant shall furnish to the District all of the costs and expenses which the District shall incur in the acquisition and construction of the new or additional place of delivery for the Participant.

ARTICLE 9:
MEASUREMENT OF DELIVERY ENTITLEMENT AND SURPLUS WATER

All of the Delivery Entitlement and all Surplus Water furnished to the Participant pursuant to this Contract shall be measured by the District by means of the District's measuring device(s) located at the place(s) of delivery established for the Participant under Article 8 of this Contract. Upon the request of the Participant, the District shall investigate the accuracy of the District's measurements, and the District, in writing, shall deliver the findings of the District to the Participant. Any error discovered in the course of such an investigation shall be cause for an adjustment in the amounts charged the Participant. The Participant may, at the Participant's expense, and after reasonable notice to the District, inspect the District's measuring equipment for the purpose of determining the accuracy of the equipment.

ARTICLE 10:
NO RESPONSIBILITY

After the Delivery Entitlement or any portion thereof, and/or after the Surplus Water or any portion thereof, shall have passed the place(s) of delivery established for the Participant under Article 8 of this Contract, neither the District nor its officers, agents or employees shall be liable for the control, carriage, conveyance, handling, use, disposal, distribution or changes occurring in the quality or quantity of such water, or for any claim or damages of any nature whatsoever, including, but not limited to, property damage or personal injury or death arising out of or connected with the control, carriage, conveyance, handling, use, disposal, distribution or changes occurring in the quality or quantity of such water beyond such place(s) of delivery. The Participant shall defend, indemnify and hold harmless the District and its officers, agents and employees from and against any such damages or claims of damage.

ARTICLE 11:
WATER QUALITY

When the District shall deliver the Delivery Entitlement and/or any Surplus Water to the Participant from the Nacimiento Project Water, said water shall be at a quality that is

substantially the same as the quality of said water at the time it was taken from the Nacimiento Reservoir by the District. The District shall assume no further or additional responsibility for the quality of the water delivered to the Participant under this Contract and the District does not warrant the quality of any such water for any particular use. The Participant shall be responsible for the treatment of all such water to the minimum water quality standards for water for domestic use as may be established from time to time by the State of California and/or by the federal government and the Participant shall defend, indemnify and hold harmless the District from and against any and all claims, damages, costs, expenses, judgments, attorney fees or other liability to any person or entity asserting that said water does not meet or has not met said domestic use water quality standards.

ARTICLE 12:
SURPLUS WATER

(A) District Determination of Amount of Surplus Water; Reserve Pool; Turn-Back. The District shall notify All Participants of the total amount of Surplus Water, if any, available for a Water Year on or about the first day of the then-current Water Year, and once so declared by the District, said amount shall not be changed without first obtaining the consent of All Participants. Surplus Water purchased by the Participant will be delivered to the Participant in the same manner provided for the delivery of the Participant's Delivery Entitlement and to the extent that all of said Surplus Water purchased is not in fact taken by the Participant by the end of the Water Year in question, then such undelivered amount of Surplus Water shall revert to the District and shall not thereafter be available to the Participant.

(B) Sale of Surplus Water by District; Rates. From the Surplus Water held by the District, the District shall first sell any and all of the Reserve Pool Water portion of the Surplus Water. No Turn-Back Pool Water shall be sold by the District so long as any Reserve Pool Water remains unsold.

(1) Sale of Reserve Pool Water. The District shall offer the Reserve Pool Water to the Participant and to Other Participants pro rata in proportion to their respective Delivery Entitlement Share and Other Delivery Entitlement Shares. Any amounts of Reserve Pool Water not purchased by an Other Participant shall be re-offered to the Participant, if it purchased its pro rata share of Reserve Pool Water, and the Other Participants purchasing Reserve Pool Water pro rata according to their respective Delivery Entitlement Share and Other Delivery Entitlement Shares until all of the Reserve Pool Water has been sold.

(a) Price for Reserve Pool Water. For Reserve Pool Water, the Participant shall pay to the District the sum of the following:

(1) The portion of the Operation and Maintenance Costs attributable to the Reserve Pool Water and incurred by the District in the immediately preceding Water Year per acre-foot; plus

(2) The Variable Energy Costs incurred by the District for the delivery of the Reserve Pool Water as calculated in Article 16(C)(2) hereof.

(b) Revenues from Sale of Reserve Pool Water. All revenues derived by the District from the sale of Reserve Pool Water shall be applied as a credit against the obligations of the Participant and the Other Participants in proportion to the Delivery Entitlement Share and the Other Delivery Entitlement Shares of the Participant and the Other Participants, respectively.

(2) Sale of Turn-Back Pool Water. The District shall offer the Turn-Back Pool Water to the Participant and to the Other Participants pro rata in proportion to their Delivery Entitlement Share and Other Delivery Entitlement Shares, respectively.

(a) Price for Turn-Back Pool Water. For the Turn-Back Pool Water, the Participant shall pay to the District the sum of the following:

(1) The average of the Operation and Maintenance Costs incurred by the District in the immediately preceding Water Year per acre-foot for the delivery of the Delivery Entitlement and the Other Delivery Entitlements to the Participant and to the Other Participants, respectively; plus

(2) The Variable Energy Costs incurred by the District for the delivery of the Turn-Back Pool Water as calculated in Article 16(C)(2) hereof.

(b) Revenues from Sale of Turn-Back Pool Water. All revenues derived by the District from the sale of Turn-Back Pool Water shall be applied as a credit against the obligations of those Participants contributing to the Turn-Back Pool Water and in the proportion to the amount each Participant contributes to the Turn-Back Pool Water in the Water Year, if at all.

(C) If the Participant shall commit in writing to purchase such Surplus Water from the District, the Participant shall be obligated to pay for such Surplus Water, whether or not the Participant accepts delivery of the Surplus Water, so long as such Surplus Water was available for the period in question. Neither the Participant nor any Other Participant shall resell Surplus Water on a wholesale basis at any time to persons or entities not a party to this Contract or to Like-Contracts, without the prior written consent of the District and all Other Participants; provided, however, that this provision is not intended to limit the sales of Surplus Water to the end customers of the Participant.

(D) The District may offer to sell and deliver any Surplus Water not purchased by the Participant or the Other Participants to any other prospective purchaser without right of renewal, in a manner and at prices which will return to the District the largest Net Revenue practicable for the benefit of the Nacimiento Facilities, but in no event at prices less than those at which such Surplus Water is offered to the Participant, unless the Participant is first tendered such Surplus Water by the District at the lower price in writing, and in each case, attempting to recapture the

Operation and Maintenance Costs, the Variable Energy Costs and the Capital Projects Installment Debt Service attributable to the volume of Surplus Water actually purchased by such third parties, at the highest price the market will then bear.

ARTICLE 13:
CURTAILMENT OF DELIVERY

The District may temporarily discontinue or reduce the amount of Nacimiento Project Water to be furnished to the Participant during such time as the District is maintaining, repairing, replacing, investigating, or inspecting any of the portions of the Nacimiento Facilities necessary for the furnishing of water to the Participant. Insofar as it is feasible, the District shall give the Participant notice in advance of any such temporary discontinuance or reduction, except in the case of emergency, in which case no notice need be given. In the event of such discontinuance or reduction, the District will upon resumption of service, deliver, as nearly as may be feasible, the quantity of Nacimiento Project Water which would have been furnished to the Participant in the absence of such discontinuance or reduction. Notwithstanding the foregoing, under no circumstances shall the Participant be relieved of any obligation to make Contract Payments as a result of such temporary discontinuance or reduction of Nacimiento Project Water.

ARTICLE 14:
NACIMIENTO PROJECT WATER SHORTAGES

(A) Temporary Shortages. In any Water Year in which there may occur a shortage or interruption due to drought or other temporary cause in the supply of the Nacimiento Reservoir Water available for delivery by the District to the Participant, to the Other Participants and/or to the Reserve Water Customers, with the result that the amount of such supply is less than the total of: (i) the Delivery Entitlement and (ii) the Other Delivery Entitlements, plus (iii) the amount of the District's obligations to the Reserve Water Customers for that Water Year, the District shall calculate the amount of said reduced supply of water available to the District for use as Nacimiento Project Water and shall apportion the reduced supply of water as follows:

(1) Subject to the provisions of paragraph (D) below, from the reduced amount of Nacimiento Reservoir Water available to the District under the Master Water Contract in the Water Year in question, the District will subtract One Thousand Seven Hundred Fifty (1,750) Acre-Feet of the Prior-Commitment Water and the result shall be the reduced supply of Nacimiento Reservoir Water available to the District for use as Nacimiento Project Water under this Contract and under the Like-Contracts with Other Participants, and for the District's obligations to Reserve Water Customers; and

(2) For the Water Year in question, the District shall first apply the said reduced supply of Nacimiento Project Water to satisfy the Delivery Entitlement and the Other Delivery Entitlements, and then, to the satisfaction of the District's obligations to Reserve Water Customers. In the event that the said reduced supply of Nacimiento Project Water is insufficient to meet, in full, the Delivery Entitlement and the Other Delivery Entitlements, then the District (i) shall make no deliveries to Reserved Water Customers for that Water Year, and (ii) shall reduce the delivery of water to All

Participants pro rata according to the Delivery Entitlement Share or Other Delivery Entitlement Shares of the Participant and each Other Participant, respectively. In the event that said reduced supply of Nacimiento Project Water is sufficient to meet the Delivery Entitlement and the Other Delivery Entitlements, but not the full amount then due to Reserve Water Customers, the District shall reduce the delivery of Reserve Water among the Reserve Water Customers pro rata, according to the amounts they have contracted for during the Water Year in question.

(B) Permanent Shortages. In the event that there is a reduction in the supply of Nacimiento Reservoir Water provided to the District under the Master Water Contract, which notwithstanding the preventative or remedial measures taken by the Monterey Water Agency, threatens or causes a permanent shortage in the amount of Nacimiento Reservoir Water available to the District under the Master Water Contract, with the result that the District concludes such supply will, for an indefinite period extending beyond the current Water Year, be less than Seventeen Thousand Five Hundred (17,500) Acre-Feet, the District shall calculate and apportion the permanently reduced supply of water as follows:

(1) Subject to the provisions of paragraph (D) below, from the reduced supply of Nacimiento Reservoir Water available to the District under the Master Water Contract, the District will subtract One Thousand Seven Hundred Fifty (1,750) Acre-Feet of Prior-Commitment Water and the result shall be the amount of Nacimiento Reservoir Water available to the District for use as the reduced Nacimiento Project Water under this Contract, the Like-Contracts with Other Participants and for the District's obligations to Reserve Water Customers; and

(2) For future Water Years, the District shall first apply the reduced supply of Nacimiento Project Water to satisfy the District's obligations to the Participant under this Contract and to the Other Participants under Like-Contracts, and then to the satisfaction of the District's obligations to Reserve Water Customers. In the event that the reduced Nacimiento Project Water is insufficient to meet, in full, the District's obligations to the Participant under this Contract and to the Other Participants under the Like-Contracts, the District shall permanently reduce the delivery of water to All Participants pro rata, in proportion to the Participant's Delivery Entitlement Share and the Other Participants' Other Delivery Entitlement Shares. In the event that the reduced Nacimiento Project Water is sufficient to meet the District's obligations to All Participants under this Contract and the Like-Contracts, but not the full amount then due to Reserve Water Customers then the District shall reduce the delivery of Reserve Water to Reserve Customers pro rata, according to the amounts contracted for during the most recent Water Year completed.

(3) In the event and to the extent that the permanent shortage is ameliorated and some or all of the reduced Nacimiento Reservoir Water is later restored to the District, the restored amount of water shall be allocated to the Participant and the Other Participants in proportion to the Delivery Entitlement Share and the Other Delivery Entitlement Shares, respectively.

(C) No Liability for Shortages. Neither the District nor any of its officers, agents, or employees shall be liable for any damage, direct or indirect, arising from shortages in the amount of Nacimiento Project Water to be made available to the Participant under this Contract caused by the non-availability of water to the District under the Master Water Contract or caused by drought, operation of the Nacimiento Reservoir, operation of area of origin laws, or any other cause beyond the control of the District.

(D) Equitable Sharing of Shortages with Prior-Commitment Water. To the extent that the District is able to do so under the District's contractual obligations to the persons and entities entitled to Prior-Commitment Water, the District will, during times of shortage, endeavor to reduce the amounts of Prior-Commitment Water extracted from the District's 17,500 acre-feet of water from the Nacimiento Reservoir in proportion to the ratio of 1,750 to 17,500.

ARTICLE 15:
LIMITATIONS ON OBLIGATION TO FURNISH WATER

(A) Limited District Obligations. Notwithstanding any provisions of this Contract to the contrary, the obligation of the District to furnish Nacimiento Project Water hereunder shall be limited to the times and to the extent that water from the Nacimiento Reservoir and the facilities necessary for furnishing the same are available to the District pursuant to the Master Water Contract.

(B) District Not Liable for Monterey Water Agency Failure to Perform Master Water Contract. The District shall not be liable for its failure to perform any part of this Contract to the extent that such failure is caused by the wrongful failure of the Monterey Water Agency to perform any obligation imposed on the Monterey Water Agency by the Master Water Contract; *provided*, that the District shall diligently and promptly pursue all rights and remedies available to the District to enforce the rights of the District against the Monterey Water Agency under the Master Water Contract relative to such failure to perform and *provided* further, that the costs and expenses incurred by the District in the enforcement or attempted enforcement of said rights under the Master Water Contract shall be considered to be a part of the Operation and Maintenance Costs under this Contract.

ARTICLE 16:
OBLIGATIONS FOR NACIMIENTO PROJECT COSTS

(A) Participant's Obligations to Pay. The Participant shall pay its Contract Payments to the District, in the manner provided below

(B) District's Determination of Nacimiento Project Costs for each Fiscal Year. On or before April 1 of each Calendar Year, the District shall estimate the new or additional Nacimiento Project Costs for the Fiscal Year commencing on the immediately following July 1 and the result shall comprise the Total Participant Contract Payments due, collectively, from the Participant hereunder and from the Other Participants under their respective Like-Contracts for the said Fiscal Year. Nacimiento Project Costs shall include:

(1) Nacimiento Project Construction Costs;

(2) Additional Capital Project Costs;

(3) Capital Projects Installment Debt Service;

(4) Master Water Contract Costs incurred following the first date upon which an allocation of *ad valorem* property taxes under Article 17(B)(5);

(5) Capital Reserve Costs;

(6) Operation and Maintenance Costs;

(7) Variable Energy Costs;

(8) Reserved Capacity Costs;

(9) Environmental mitigation costs; and

(10) Other annual or incidental costs associated with the Nacimiento Facilities.

(C) District's Allocation of District's Nacimiento Project Costs. Nacimiento Project Costs shall be allocated by the District among the Participant and all Other Participants as follows:

(1) The District shall allocate Capital Reserve Costs and Operation and Maintenance Costs to the Participant on the basis of the Unit Percentage Share of Capital Reserve Costs and Operation and Maintenance Costs attributable to the Units used by the District to deliver the Delivery Entitlement to the Participant. As of the date of execution of this Contract, there is apportioned to the Participant the following proportional share of the said costs (expressed as a percentage) for each of the Units used to deliver water to the Participant:

Project Segment	Participant's Unit Percentage Share
Systemwide Operating Cost	41.537%
Unit No. A	41.537
Unit No. A1	41.537
Unit No. B	41.537
Unit No. C	41.537
Unit No. C1	41.537
Unit No. D	0.000
Unit No. E	0.000
Unit No. F	0.000
Unit No. F1	41.537
Unit No. F2	0.000
Unit No. G	0.000
Unit No. G1	0.000
Unit No. G2	0.000
Unit No. H	0.000
Unit No. H1	0.000
Unit No. T2	100.000

The Participant shall pay such amounts allocated to the Participant under this paragraph in the manner provided for in Article 17(A)(1) and (2) below.

(2) For each Calendar Quarter, Variable Energy Costs shall be determined by the District and shall be allocated to the Participant and to the Other Participants as follows:

(a) Variable Energy Costs for the Calendar Quarter in question shall be divided by the total acre-feet of Nacimiento Project Water delivered by the District during such Calendar Quarter to the Participant and to all Other Participants pursuant to this Contract and Like-Contracts; and,

(b) The result in subsection (a) shall be multiplied by the number of acre-feet of Nacimiento Project Water delivered by the District to the Participant during such Calendar Quarter, which result shall be allocated to the Participant. The District shall notify the Participant in writing of the amount of Variable Energy Costs allocated to the Participant by a date no later than the forty-fifth (45th) day following the end of each Calendar Quarter for the variable costs attributable to the Calendar Quarter most recently concluded. The Participant shall pay such amounts allocated to the Participant under this paragraph in the manner provided for in Article 17(A)(3) below.

(3) The District shall allocate Nacimiento Project Construction Costs as follows:

The Nacimiento Project Construction Costs shall have three components:

(a) The costs attributable to environmental mitigation requirements (the "Environmental Mitigation Construction Cost Component"). The Environmental Mitigation Construction Cost Component shall be allocated pro rata to the Participant and to the Other Participants on the basis of the Delivery Entitlement Share and the Other Delivery Entitlement Shares, respectively. As of the date of execution of this Contract, there is apportioned to the Participant Forty One and 537/1000 percent (41.537%) of the Environmental Mitigation Construction Cost Component.

(b) The costs attributable to the District's Reserved Capacity (the "Reserved Capacity Construction Cost Component"). The Reserved Capacity Construction Cost Component shall be allocated pro rata to the Participant and to the Other Participants on the basis of the Delivery Entitlement Share and the Other Delivery Entitlement Shares, respectively. As of the Effective Date, there is apportioned to the Participant Forty One and 537/1000 percent (41.537%) of the Reserved Capacity Construction Cost Component.

(c) The costs attributable to all other construction costs (the "All Other Construction Costs Component"). The All Other Construction Costs Component shall be allocated on a Unit Percentage Share basis. As of the date of execution of

this Contract, there is apportioned to the Participant the following proportional share of All Other Construction Costs Components (expressed as a percentage) for each of the Units used to deliver water to the Participant:

Project Segment	Participant's Unit Percentage Share
Unit No. A	41.537%
Unit No. A1	41.537
Unit No. B	41.537
Unit No. C	41.537
Unit No. C1	41.537
Unit No. D	20.769
Unit No. E	20.769
Unit No. F	20.769
Unit No. F1	41.537
Unit No. F2	20.769
Unit No. G	20.769
Unit No. G1	20.769
Unit No. G2	20.769
Unit No. H	20.769
Unit No. H1	20.769
Unit No. T2	100.000

The Participant shall pay such amounts allocated to the Participant under this paragraph in the manner provided for in Article 17(A)(1) and (2) below.

(4) The District shall allocate Capital Projects Installment Debt Service among All Participants, pro rata, according to the proportion of Nacimiento Project Construction Costs paid by the Participant and the Other Participants, as they may be adjusted for cash contributions under Article 17(B); *provided, however,* that the Capital Projects Installment Debt Service shall further be allocated into a component representing debt service on Tax-Exempt Obligations (the "Tax-Exempt Debt Service") and a component representing the debt service on Taxable Obligations (the "Taxable Debt Service"). If the Participant is eligible to borrow on a tax-exempt basis under the Tax Code, then the Participant and the Other Participants who are also so eligible shall be allocated their pro rata shares of Tax-Exempt Debt Service; if the Participant is not eligible to borrow on a tax-exempt basis under the Tax Code, then the Participant and any Other Participants who are also ineligible to so borrow shall be allocated their pro rata shares of Taxable Debt Service.

(5) The District shall allocate all other Nacimiento Project Costs not otherwise provided for above, including Master Water Contract Costs, to the Participant and to all of the Other Participants pro rata on the basis of the Delivery Entitlement Share for the Participant and the Other Delivery Entitlement Shares for the Other Participants. As of the date of execution of this Contract, there is apportioned to the Participant Forty One and 537/1000 percent (41.537%) of the District's said remaining costs, including the Required Additional Project Costs and Master Water Contract Costs. The Participant

shall pay such amounts allocated to the Participant under this paragraph in the manner provided for in Article 17(A)(4) below.

(6) The foregoing allocations shall be calculated by the District each Fiscal Year for the Participant and for each Other Participant and the calculations of said allocations shall be made available to the Participant.

(7) No more frequently than annually, the District shall retain a CPA with the approval of the Commission. The CPA shall be responsible for reviewing and confirming the District's allocation of the Participant's portion of Nacimiento Project Costs and reporting the same to the Participant, the District and each Other Participant.

(8) The obligations of the Participant, if any, for any Approved Additional Project will be established at the time of and by the agreement for each such Approved Additional Project.

ARTICLE 17:
CONTRACT PAYMENTS

(A) Time and Amount of Contract Payments. Except as established under Paragraph (C) below as to Capital Projects Installment Debt Service, the Contract Payments to the District shall commence no later than the first Fiscal Year during which the Delivery Entitlement is made available to the Participant hereunder, and in any event, promptly following receipt by the Participant of an invoice from the District. The Contract Payments shall be determined by the District as provided in Article 16 of this Contract and shall be paid by the Participant to the District in accordance with the further provisions of this Article, except and to the extent the Participant shall, in accordance with paragraph (B) below, be entitled to an offsetting credit.

(1) On or before July 1 of each Fiscal Year, the Participant shall pay a sum equal to sixty percent (60%) of the Participant's Allocation of Capital Reserve Costs, and Operation and Maintenance Costs as calculated and allocated under Article 16(C)(1) above; and

(2) On the immediately following January 1 within each Fiscal Year, the Participant shall pay a sum equal to forty percent (40%) of the Participant's Allocation of Capital Reserve Costs and Operation and Maintenance Costs as calculated and allocated under Article 16(C)(1) above; and

(3) On or before the thirtieth (30th) day following its receipt of an invoice from the District under Article 16(C)(2), the Participant shall pay Variable Energy Costs as calculated and allocated under Article 16(C)(2) above, for the Calendar Quarter most recently concluded; and

(4) On or before July 1 of each Fiscal Year, the Participant shall pay a sum equal to the Participant's Allocation of Capital Projects Installment Debt Service as calculated and allocated under Article 16(C)(3) above.

(5) On or before July 1 of each Fiscal Year, the Participant shall pay a sum equal to the Participant's allocation of remaining Nacimiento Project Costs, including Additional Capital Project Costs and Master Water Contract Costs as calculated and allocated under Article 16(C)(4) above.

(B) Participant Credits against Contract Payments. The following shall constitute credits against the Contract Payments to the District:

(1) If, prior to the date upon which the District causes the Municipal Obligations to be sold, the Participant shall contribute to the District, in cash, a sum as and for the Participant's Capital Share of the District's estimate of the Total Nacimiento Project Construction Costs, or any portion of the Participant's Capital Share of said construction costs, then the amount of Capital Projects Installment Debt Service allocated to the Participant under Article 16(C)(3) above shall be reduced accordingly, but in no event to less than zero; and

(2) If the Participant shall, following the date of delivery of the Municipal Obligations, successfully implement a financing plan within its jurisdiction to fund all or a portion of the Participant's Contract Payments, during the term of the Municipal Obligations, by means of a levy of *ad valorem* property taxes, special assessments or special taxes, then all or a portion of the amount of Capital Projects Installment Debt Service to be allocated to the Participant under Article 16(C)(3) above, shall be credited to the Participant from amounts paid under such levy as though such amounts were paid directly by the Participant hereunder, subject to the prior approval of each rating agency then rating the Municipal Obligations and any bond insurer then providing insurance therefor; provided however, that, to the extent legally permissible, the District shall be made a third-party beneficiary of any pledge of such alternate source of revenues, with the power to enforce collection thereof, in the event that the Participant should fail to do so; and

(3) The Participant shall be entitled to a credit against the Participant's obligations to the District hereunder in the form of a share of the Net Revenues the District shall have received during the Fiscal Year in question. In determining the amount of such credits against the obligations of the Participant hereunder, the District shall apportion the District's net revenues from the foregoing sources; (i) first, against the obligations allocated to the Participant and to the Other Participants for the Reserved Capacity Construction Cost Component and in the same amount as the percentage allocation set forth for the Participant in Article 16(C)(3)(a) herein, and then (ii) against the obligations allocated to the Participant and to the Other Participants for the All Other Construction Costs Component and in the same amount as the percentage allocation set forth for the Participant in Article 16(C)(3)(c) herein.

(4) On or before December 1 of each year, the District shall deliver to the Participant a statement as to the actual Operation and Maintenance Costs and Capital Reserve charges incurred or imposed during the Fiscal Year most recently concluded, and shall set forth in such statement the District's determination as to whether the Contract Payments theretofore paid by the Participant were in excess of or less than the

Participant's allocated share of the actual costs incurred by the District for said items. If the Participant shall have paid less than the Participant's actual Unit Percentage Share for said items for such Fiscal Year, the Participant shall remit the difference to the District within one hundred eighty (180) days of the date upon which the Participant receives such a statement from the District. If the Participant shall have paid more than the Participant's actual Unit Percentage Share for such items for such Fiscal Year, the District shall credit the difference against the Participant's future Contract Payments to the District.

(5) If, in any Fiscal Year, the Nacimiento Water Fund of the District receives its allocated portion of the *ad valorem* taxes levied on the real property within the County of San Luis Obispo under the authority of Article XIIIA, Section 1(a) of the California Constitution, then the District shall apply said apportioned amount received by the District to the reduction of Reserved Capacity Construction Cost Component and the District shall continue to do so in each Fiscal Year in which the District receives such apportioned amounts up to and until the said Reserved Capacity Construction Cost Component is paid. The District shall credit to the Participant the Unit Percentage Share of said apportioned tax proceeds received by the Nacimiento Water Fund of the District, less any amounts (i) which the District is obligated to pay under the terms of the Master Water Contract and/or (ii) any amounts which are not received or retained by the District because of the operation of the Community Redevelopment Law (California Health and Safety Code Sections 33000 *et seq*.) or any other applicable law.

(C) Participant's Election Regarding Capitalized Interest. The District and the Participant understand and agree that the Participant's share of Capital Projects Installment Debt Service will be lower in the event that the Municipal Obligations attributable to the Participant are marketed and sold without capitalized interest. Accordingly, each Participant shall be entitled, by delivering written notice to the District no later than three (3) business days prior to the pricing of any Municipal Obligations issued, to elect to commence making its portion of Capital Projects Installment Debt Service during the first Bond Year as defined in that certain Indenture of Trust by and between SLO County Financing Authority and BNY Western Trust Company to be entered into in connection with the issuance of the Municipal Obligations, without regard to the date upon which delivery of Nacimiento Project Water is first made to the Participant. If no such election is received from the Participant, the District shall be entitled to include a capitalized interest component in the Municipal Obligations attributable to the Participant, to apportion said capitalized interest to the Participant and to include the costs of same in the Participant's portion of Capital Projects Installment Debt Service.

ARTICLE 18:
USE OF TOTAL PARTICIPANT CONTRACT PAYMENTS

During the term of this Contract and the Like-Contracts with Other Participants, the District shall proceed with due diligence to collect Total Participant Contract Payments as and when due, and shall deposit amounts collected into the Participant Revenue Fund promptly upon receipt, and shall apply all other amounts comprising Total Participant Contract Payments in the following order of priority:

(A) To the payment of Master Water Contract Costs;

(B) To the payment of Operation and Maintenance Costs;

(C) To the payment of Variable Energy Costs;

(D) To the payment of Additional Capital Project Costs; and

(E) To the replenishment of Capital Reserves for the Nacimiento Project.

ARTICLE 19:
OBLIGATION TO "TAKE-OR-PAY"

Neither the Participant's failure or refusal to accept delivery of water from the Nacimiento Facilities to which the Participant is entitled under this Contract nor the District's failure to deliver said water shall in any way relieve the Participant of its obligations to make payments to the District as provided for herein. Commencing on the first date that debt service payments are due under the Municipal Obligations provided for herein, the Participant shall pay all amounts due hereunder, including, without limitation, those due under Article 17 hereof, without reduction or offset of any kind, whether or not the Nacimiento Facilities or any part thereof is then operating or operable or its service is suspended, interfered with, reduced or curtailed or terminated in whole or in part, due to any of the reasons set forth in Articles 6(A), 13, 14 and 15, or otherwise, and such Participant's Contract Payments shall not be conditional upon the performance or nonperformance by any party to this Contract, or to the Like-Contracts, for any cause whatsoever; provided, however, that any savings from non-operation of the Nacimiento Facilities shall be apportioned among the Participant and the Other Participants in accordance with their respective percentages of the Participant's and each Other Participant's Unit Percentage Share.

The Participant's obligations to make Contract Payments and other payments required to be made hereunder are incurred by the Participant for the benefit of future holders of Municipal Obligations, and shall be absolute and unconditional. Such payments shall be absolutely net, free of any deductions, and are not subject to any reduction, whether by offset, recoupment, counterclaim or others. The Participant shall make all such payments notwithstanding the occurrence of any act or circumstances that may constitute failure of consideration, destruction of or damage to the Nacimiento Facilities, commercial frustration of purpose, any change in the tax or other laws of the United States of America or of the State of California, or any political subdivision or either of these.

ARTICLE 20:
PARTICIPANT'S PLEDGE AND COVENANTS

The Participant, unless it shall have paid cash as the Participant's portion of the Total Nacimiento Project Construction Costs as provided in Article 16 hereof, hereby pledges the gross water sales revenues of the Participant's Water Enterprise to the Participant's obligations under this Contract, and covenants and agrees to establish, fix and collect rates and charges from the

customers of Participant's Water Enterprise at levels sufficient to produce revenues from the Participant's Water Enterprise which are at least equal to:

(A) The costs of operating and maintaining the Participant's Water Enterprise; plus

(B) The Contract Payments, calculated in accordance with Article 16 hereof, including the amounts allocated to the Participant as the Participant's share of Capital Projects Installment Debt Service under Article 16(C)(3) hereof; plus

(C) The Coverage Factor for the amounts allocated to the Participant as the Participant's share of Capital Projects Installment Debt Service under Article 16(C)(3) hereof; and

(D) Under certain circumstances, that the Participant understands and agrees that the provisions of Article 25(B) hereof may impose upon the Participant a surcharge following the occurrence of any payment default by the Participant.

ARTICLE 21:
WATER ENTERPRISE OPERATION AND MAINTENANCE

(A) No Sale, Lease or Disposing of Participant's Water Enterprise. The Participant covenants and agrees not to sell, lease or otherwise dispose of its Water Enterprise or any part thereof essential to the proper operation thereof or to the earning or collection of the gross revenues of the Participant's Water Enterprise, nor to enter into any agreement or lease which would impair the operation of the Participant's Water Enterprise, or any part thereof necessary in order to secure adequate revenues for the payment of amounts due under this Contract; *provided*, however, that any real or personal property which has become nonfunctional or obsolete or which is not needed for the efficient operation of the Participant's Water Enterprise may be sold or disposed of if such disposition will not have the effect of reducing revenues of the Participant's Water Enterprise below the levels required under this Contract.

(B) Participant to Maintain Participant's Water Enterprise. The Participant covenants and agrees to maintain and preserve the Participant's Water Enterprise in good repair and working order at all times, to operate the same in an efficient and economical manner and to pay all operation and maintenance costs of the Participant's Water Enterprise as they become due, all in accordance with the best business judgment of the Participant.

(C) Participant's Budgets. The Participant covenants and agrees to adopt and deliver a budget to the District approved by the Participant's governing body setting forth the amounts budgeted to be paid under this Contract no later than the first day of each Fiscal Year.

(D) Participant's Covenants. The Participant covenants and agrees to comply with, keep, observe and perform all agreements, conditions, covenants and terms, express or implied, required to be performed by the Participant contained in all contracts for the use of the Participant's Water Enterprise and all contracts affecting or involving the Participant's Water Enterprise to the extent that the Participant is a party thereto.

(E) No Superior Liens or Payments. The Participant covenants and agrees not to create or allow any lien on or payment from the revenues of the Participant's Water Enterprise or any part thereof prior to, or superior to, the Participant's obligations to amounts payable under this Contract.

(F) Participant to Insure Water Enterprise. The Participant covenants and agrees to procure and maintain insurance relating to the Participant's Water Enterprise which the Participant shall deem advisable or necessary to protect its interests. Such insurance shall afford protection in such amounts and against such risks as are usually covered in connection with similar water enterprises in the State of California; provided, that the Participant shall not be required to procure or maintain any such insurance unless such insurance is commercially available at reasonable cost; and provided further, that any such insurance may be maintained under a self-insurance program, so long as such self-insurance program is maintained in accordance with standards and in such amounts as are then usually maintained for similar water enterprises in the State of California.

(G) Participant to Pay Obligations; Observe Laws. The Participant covenants and agrees to pay and discharge all taxes, assessments and other governmental charges which may hereafter be lawfully imposed upon the Participant's Water Enterprise or any part thereof when the same shall become due and to duly observe and conform to all valid regulations and requirements of any governmental authority relative to the operation of the Participant's Water Enterprise that are not being contested by the Participant in good faith.

(H) Eminent Domain. The Participant covenants and agrees that if all or any material part of the Participant's Water Enterprise shall be taken by eminent domain proceedings, or if the Participant receives any insurance proceeds resulting from a casualty loss to any material portion of the Participant's Water Enterprise, the proceeds thereof shall be used by the Participant to construct or install replacements for the condemned or destroyed components of the Participant's Water Enterprise or to prepay the Participant's share of Capital Projects Installment Debt Service under Article 16(C)(3) of this Contract.

ARTICLE 22:
COVENANTS OF THE DISTRICT AND THE PARTICIPANT; SPECIAL TAX COVENANTS

(A) Punctual Payment; Compliance with Documents. The District shall punctually pay or cause to be paid the interest and principal to become due with respect to all of the Municipal Obligations, but solely from amounts paid to the District under this Contract and the Like-Contracts, and the Participant shall punctually pay or cause to be paid the Capital Projects Installment Debt Service, in strict conformity with the terms of the Municipal Obligations, this Contract and the Legal Documents and will faithfully observe and perform all of the conditions, covenants and requirements of this Contract and the Legal Documents including any and all supplements thereto.

(B) Extension of Payment of Municipal Obligations. Neither the District nor the Participant shall directly or indirectly extend or assent to the extension of the maturity of any of the Municipal Obligations or the time of payment of any claims for interest by the purchaser or

owner of such Municipal Obligations or by any other arrangement, and in case the maturity of any of the Municipal Obligations or the time of payment of any such claims for interest shall be extended, such Municipal Obligations or claims for interest shall not be entitled, in case of any default under the Legal Documents, to the benefits of this Contract, except subject to the prior payment in full of the principal of all of the Municipal Obligations then outstanding and of all claims for interest thereon which shall not have been so extended. Nothing in this Article shall be deemed to limit the right of the District to issue obligations or cause obligations to be issued for the purpose of refunding any outstanding Municipal Obligations, and such issuance shall not be deemed to constitute an extension of maturity of the affected Municipal Obligations.

(C) Against Encumbrances. Neither the District nor the Participant shall create, or permit the creation of, any pledge, lien, charge or other encumbrance upon the revenues and other assets pledged under this Contract while any of the Municipal Obligations are outstanding, except the pledge created by the Legal Documents and this Contract, any Additional Debt and any pledge, lien, charge or other encumbrance which is subordinate to the obligations under this Contract. Subject to this limitation, the District expressly reserves the right to enter into one or more indentures or trust agreements for any of its corporate purposes, and reserves the right to issue other obligations or cause them to be issued for such purposes.

(D) Covenants to Maintain Tax-Exempt Status of Tax-Exempt Obligations. In the event that any Tax-Exempt Obligations attributable in whole or in part, to the Participant are issued and outstanding, the Participant covenants and agrees as follows:

(1) Definitions. When used in this Section, the following terms have the following meanings:

"Bond Counsel" means Fulbright & Jaworski L.L.P.

"Bond Year" means the period of one year established in the Legal Documents, during which the Tax-Exempt Obligations are outstanding, for purposes of the Code; provided, that either the first Bond Year or the final Bond Year may be a period shorter then twelve calendar months.

"Code" means the Internal Revenue Code of 1986 as in effect on the date of issuance of the Tax-Exempt Obligations or (except as otherwise referenced herein) as it may be amended to apply to obligations issued on the date of issuance of the Tax-Exempt Obligations, together with applicable proposed, temporary and final regulations promulgated, and applicable official public guidance published, under the Code.

"Computation Date" has the meaning set forth in section 1.148-1(b) of the Tax Regulations.

"Gross Proceeds" means any proceeds as defined in section 1.148-1(b) of the Tax Regulations, and any replacement proceeds as defined in section 1.148-1(c) of the Tax Regulations, of the Tax-Exempt Obligations.

"Investment" has the meaning set forth in section 1.148-1(b) of the Tax Regulations.

"Nonpurpose Investment" means any investment property, as defined in section 148(b) of the Code, in which Gross Proceeds of Tax-Exempt Obligations are invested and that is not acquired to carry out the governmental purposes of such Tax-Exempt Obligations.

"Rebate Amount" has the meaning set forth in section 1.148-1(b) of the Tax Regulations.

"Yield" of

(1) any Investment has the meaning set forth in section 1.148-5 of the Tax Regulations; and

(2) the Tax-Exempt Obligations has the meaning set forth in section 1.148-4 of the Tax Regulations.

"Tax Regulations" means temporary and permanent regulations promulgated under or with respect to section 103 of the Code.

(2) Not to Cause Interest to Become Taxable. Neither the District nor the Participant shall use, permit the use of, or omit to use Gross Proceeds or any other amounts (or any property, the acquisition, construction or improvement of which is to be financed directly or indirectly with Gross Proceeds) in a manner that if made or omitted, respectively, would cause the interest on any of the Tax-Exempt Obligations to become includable in the gross income, as defined in section 61 of the Code, of the owner thereof for federal income tax purposes. Without limiting the generality of the foregoing, unless and until the District and the Participant receive a written opinion of Bond Counsel to the effect that failure to comply with such covenant will not adversely affect the exclusion from gross income for federal income tax purposes of the interest on any Tax-Exempt Obligation, the District and the Participant shall comply with each of the specific covenants in this Section.

(3) No Private Use or Private Payments. Except as would not cause any Tax-Exempt Obligation to become a "private activity bond" within the meaning of section 141 of the Code and the Tax Regulations and rulings thereunder, the District and the Participant shall at all times prior to the last maturity date of the Tax-Exempt Obligations:

(a) require that one or more state or local governmental agencies exclusively own, operate and possess all property the acquisition, construction or improvement of which is to be financed or refinanced directly or indirectly with Gross Proceeds of the Tax-Exempt Obligations, and not use or permit the use of such Gross Proceeds (including all contractual arrangements with terms different than those applicable to the general public) or any property acquired, constructed or improved with such Gross Proceeds in any activity carried on by any person or

entity (including the United States or any agency, department and instrumentality thereof) other than a state or local government, unless such use is solely as a member of the general public; and

(b) not permit the direct or indirect imposition of any charge or other payment on or by any person or entity who is treated as using Gross Proceeds of the Tax-Exempt Obligations or any property, the acquisition, construction or improvement of which is to be financed or refinanced directly or indirectly with such Gross Proceeds, other than taxes of general application within the boundaries of the Participant or interest earned on investments acquired with such Gross Proceeds pending application for their intended purposes.

(4) No Private Loan. Except as would not cause any Tax-Exempt Obligation to become a "private activity bond" within the meaning of section 141 of the Code and the Tax Regulations and rulings thereunder, neither the District nor the Participant shall use or permit the use of the Gross Proceeds of the Tax-Exempt Obligations to make or finance loans to any person or entity other than a state or local government. For purposes of the foregoing covenant, such Gross Proceeds are considered to be "loaned" to a person or entity if: (1) property acquired, constructed or improved with such Gross Proceeds is sold or leased to such person or entity in a transaction that creates a debt for federal income tax purposes; (2) capacity in or service from such property is committed to such person or entity under a take-or-pay, output or similar contract or arrangement; or (3) indirect benefits, or burdens and benefits of ownership, of such Gross Proceeds or any property acquired, constructed or improved with such Gross Proceeds are otherwise transferred in a transaction that is the economic equivalent of a loan.

(5) Not to Invest at Higher Yield. Except as would not cause the Tax-Exempt Obligations to become "arbitrage bonds" within the meaning of section 148 of the Code and the Tax Regulations and rulings thereunder, neither the District nor the Participant shall at any time prior to the final maturity of the Tax-Exempt Obligations directly or indirectly invest or permit the investment of Gross Proceeds in any Investment, if as a result of such investment the Yield on Investments acquired with Gross Proceeds, whether then held or previously disposed of, materially exceeds the Yield of the Tax-Exempt Obligations within the meaning of said section 148. For purposes of this paragraph, Yield on Investments shall be determined in accordance with the provisions of section 1.148-5 of the Tax Regulations (which, under certain circumstances, requires Yield to be determined on less than all such Investments).

(6) Not Federally Guaranteed. Except to the extent permitted by section 149(b) of the Code and the Tax Regulations and rulings thereunder, neither the District nor the Participant shall take or omit to take, or permit, any action that would cause any Tax-Exempt Obligations to be treated as "federally guaranteed" within the meaning of section 149(b) of the Code and the Tax Regulations and rulings thereunder.

(7) Information Report. The District shall timely file or cause to be filed any information required by section 149(e) of the Code with respect to the Tax-Exempt

Obligations with the Secretary of the Treasury on Form 8038-G or such other form and in such place as the Secretary may prescribe.

(8) Rebate. Except to the extent otherwise provided in section 148(f) of the Code and the Tax Regulations and rulings thereunder:

(a) The District shall account for all Gross Proceeds (including all receipts, expenditures and investments thereof) on its books of account separately and apart from all other funds (and receipts, expenditures and investments thereof) and shall retain all records of accounting for at least six years after the day on which the last outstanding Tax-Exempt Obligation is retired. However, to the extent permitted by law, the District may commingle Gross Proceeds of Tax-Exempt Obligations with other money of the District, provided that the District separately accounts for each receipt and expenditure of Gross Proceeds and the obligations acquired therewith.

(b) Not less frequently than each Computation Date, the District shall calculate or caused to be calculated the Rebate Amount in accordance with rules set forth in section 148(f) of the Code and the Tax Regulations and rulings thereunder, which calculation the District shall maintain with its official transcript of proceedings relating to the issuance of the Tax-Exempt Obligations until six years after the final Computation Date.

(c) In order to assure the excludability of the interest on Tax-Exempt Obligations from the gross income of the owners thereof for federal income tax purposes, the District shall make rebate payments at the times and in the amounts as are or may be required by section 148(f) of the Code and the Tax Regulations and rulings thereunder, which payments shall be accompanied by Form 8038-T or such other forms and information as is or may be required by section 148(f) of the Code and the Tax Regulations and rulings thereunder; *provided, however*, that the District and the Participant agree that liability of the District to make any such payments shall be limited to amounts received by it for such purpose pursuant to this Contract and the Like-Contracts.

(d) The District shall cause the exercise of reasonable diligence to assure that no errors are made in the calculations and payments required by paragraphs (2) and (3), and if an error is made, to discover and promptly correct such error within a reasonable amount of time thereafter (and in all events within one hundred eighty (180) days after discovery of the error), including payment to the United States of any additional Rebate Amount owed to it, interest thereon, and any penalty imposed under section 1.148-3(h) of the Tax Regulations.

(9) Not to Divert Arbitrage Profits. Except to the extent permitted by section 148 of the Code and the Tax Regulations and rulings thereunder, the District shall not enter into any transaction that reduces the amount required to be paid to the United States pursuant to section 148(f) of the Code because such transaction results in a smaller

profit or a larger loss than would have resulted if the transaction had been at arm's length and the Yield of the Tax-Exempt Obligations had been irrelevant to each party.

(10) Tax-Exempt Obligations Not Hedge Bonds. The District represents that the Tax-Exempt Obligations will not be structured so as to comprise "hedge bonds" within the meaning of section 149(g) of the Code.

(11) Elections. The Participant hereby directs and authorizes any authorized representative of the District to make elections permitted or required pursuant to the provisions of the Code or the Tax Regulations, as such authorized representative of the District (after consultation with Bond Counsel) deems necessary or appropriate in connection with the Tax-Exempt Obligations.

ARTICLE 23:
NO OUTSIDE SERVICE

Neither the Delivery Entitlement nor the Participant's Surplus Water, nor any portion of either, shall be sold or delivered or otherwise disposed of by the Participant outside the boundaries of the District.

ARTICLE 24:
FAILURE TO LEVY, SET OR COLLECT TAXES, RATES AND CHARGES; ESTABLISHMENT OF COVERAGE ACCOUNT

(A) Participant's Failure to Establish Taxes, Rates and Charges; Establishing Coverage Account. If the Participant for any reason shall fail or refuse to establish or levy taxes or rates and charges sufficient to satisfy the requirements of Article 20 hereof, or if the Participant shall be precluded from establishing rates and charges at the levels required by said Article 20, then the Participant shall promptly notify the District of such fact in writing, and shall establish a Coverage Account either with the District or with a Depository designated by the Participant to the District in writing. The Participant shall deposit to the Coverage Account, from the first lawfully available funds therefor, an amount equal to one year's Coverage Factor for the amounts allocated to the Participant as the Participant's Capital Projects Installment Debt Service share under Article 16(C)(3) hereof. The Coverage Account shall be invested in accordance with applicable provisions of the Government Code, subject to any limitations established pursuant to Section 148 of the Internal Revenue Code of 1986, as amended, applicable to surplus moneys of the Participant and shall be made and remain available to the Participant and to the District as a source of funds to remedy any failure of the Participant to make its Contract Payments hereunder. The Coverage Account shall be pledged to the District for the purposes described herein, and the Participant covenants and agrees to execute such instruments as may be necessary in order to effect a pledge of amounts on deposit in the Coverage Account, acknowledging and agreeing as well to follow the advice of special tax counsel to the District in connection with the pledge and investment of the Coverage Account, as may be necessary or advisable in order to maintain the tax status of the Tax-Exempt Obligations.

(B) Release of Coverage Account. If at any time following the establishment of the Coverage Account hereunder, the Participant shall again be able to and does collect rates and

charges as required under Article 20 hereof, the Coverage Account may be released to the credit and name of the Participant for any lawful purpose thereof, upon delivery to the District of satisfactory evidence that (1) the Participant has successfully levied rates and charges for the Participant's Water Enterprise at the appropriate levels for at least one full Fiscal or Water Year since the Coverage Account was first created, and (2) the Participant is then current on all payments due under this Contract; whereupon, the District shall either release the Coverage Account to the Participant or shall direct the Depository to do so, free from the lien described herein; subject, however to any contrary requirements of rating agencies or credit providers providing security for any of the outstanding Municipal Obligations.

ARTICLE 25:
PARTICIPANT'S OBLIGATIONS SEVERAL AND NOT JOINT; STEP-UP PROVISIONS AND REIMBURSEMENT

(A) Participant Not Responsible for Failures of Other Participants; Exception. Except as provided in paragraph (B) of this Article, the Participant shall be solely responsible and liable for performance under this Contract and shall not be responsible for any failures of any Other Participant to perform such Other Participant's obligations under any other Like-Contract. The obligations to the District to make payments under this Contract and under the other Like-Contracts are expressly recognized by the District as several, and not joint, and no default on the part of one, or more, of the Other Participants shall, in and of itself, create an event of default under this Contract. The Coverage Account of the Participant, if any is established hereunder, shall not be available for any failure of any Other Participant to make payments under any of the other Like-Contracts between the District and the Other Participants, unless otherwise directed or approved in writing by the Participant.

(B) Participant's "Step-Up" Obligations. If for any reason the Participant or any Other Participant shall fail to pay its share of Capital Projects Installment Debt Service hereunder or under its Like-Contract, the amount of the resulting Debt Service Shortfall shall be paid, collectively, by all Non-Delinquent Participants. If there is more than one Delinquent Participant, the amount of the Debt Service Shortfall shall be the sum of the unpaid amounts for each Delinquent Participant. When such a Debt Service Shortfall occurs, the Participant shall be required to increase its Contract Payments for the particular Water Year by an amount equal to its pro rata share of the Debt Service Shortfall; *provided*, however, that each Other Participant who is not a Delinquent Participant shall be required by the Other Participant's Like-Contract to also contribute to the Debt Service Shortfall so that the Participant, and all of the Other Participants who are not Delinquent Participants, shall each contribute to the Debt Service Shortfall in a proportion determined by dividing each said Non-Delinquent Participant's Capital Projects Installment Debt Service share (under Article 16(C)(3) of this Contract and the Like-Contracts) by the aggregate of all the Participant's Installment Debt Service shares of all Non-Delinquent Participants, including the Participant; and *provided* further, that the Participant in no event shall be required under this paragraph to contribute to the Debt Service Shortfall by an amount in any Water Year exceeding the amount which is twenty-five percent (25%) of the share of Capital Projects Installment Debt Service allocated to the Participant under Article 16(C)(3) hereof.

(C) Repayment to Participant by Delinquent Participant(s). If payments are made by the Participant as a Non-Delinquent Participant during any Water Year under the foregoing paragraph (B), the District shall, beginning on the first Due Date when a Debt Service Shortfall is created by a Delinquent Participant, declare a default as to such Delinquent Participant under the Delinquent Participant's Like-Contract and the District shall be entitled to suspend deliveries of the Delivery Entitlement established for such Delinquent Participant under its Like-Contract; notwithstanding the foregoing, by the terms of its Like-Contract, such Delinquent Participant shall nonetheless continue to be obligated for amounts paid on its behalf by the Non-Delinquent Participants, until the Defaulting Participant has reimbursed each Non-Defaulting Participant in full for the amounts they have previously paid in as their pro rata shares of the Debt Service Shortfall. Reimbursement of amounts advanced by the Participant and the Other Participants as Non-Delinquent Participants (or, in the case of multiple Delinquent Participants, the proportionate share thereof) is immediately due and payable to the District by the responsible Delinquent Participant or Participants, and, if not so paid, and notwithstanding the provisions of Article 26(C) of the Delinquent Participant's Like-Contract, shall incur interest on the unpaid portion until paid in full at a rate per annum equal to the average rate for the County Treasury Pool, plus two percent (2%) per annum, for the month for which the County Treasury Pool rate was most recently calculated, based on a 360-day year of twelve 30-day months; *provided*, however, that payments to be made as reimbursements by a Delinquent Participant are deemed and understood to be subordinate to the obligations of the Delinquent Participant to pay the amounts allocated to the Delinquent Participant as the Delinquent Participant's share of the District's Capital Projects Installment Debt Service under Article 16(C)(3) of the Delinquent Participant's Like-Contract.

(D) "Step-Up" to Be Exhausted before Recourse to Debt Service Reserve Fund/Surety Bond. Shortfalls in Total Participant Contract Payments shall be remedied under this Article prior to the District's making any withdrawal from any debt service reserve fund established, or under the reserve surety bond posted, for the Municipal Obligations, if any are then outstanding. Drawings on or under the debt service reserve fund or reserve surety bond shall be delayed until and unless insufficient moneys are available from Non-Defaulting Participants hereunder.

(E) District's Covenant to Owners of Municipal Obligations. The District covenants and agrees to enforce the provisions of this Contract with due diligence, including, without limitation, the provisions of this Article for the benefit of the owners, from time to time, of the Municipal Obligations.

ARTICLE 26:
EVENTS OF DEFAULT; DISTRICT'S REMEDIES

(A) Events of Default by Participant. The following shall constitute events of default hereunder:

(1) The Participant shall fail to make timely payments in full of all amounts due from the Participant under the terms of this Contract; or

(2) The Participant shall fail to establish or collect, or cause to be collected, all rates and charges, and other sums, necessary to enable Participant to make the

payments required hereunder, as provided in Article 20 hereof, and, following thirty (30) days written notice from the District to the Participant, the Participant shall fail to remedy such failure to the satisfaction of the District; or

(3) The Participant shall fail to perform any other obligation or covenant hereunder and shall fail to remedy such failure to the satisfaction of the District within thirty (30) days following the Participant's receipt of written notice from the District, or for such additional time as is reasonably required, in the sole discretion of the District, to correct the same; or

(4) The Participant shall file any petition or institute any proceedings under any act or acts, State or federal, dealing with or relating to the subject of bankruptcy or insolvency or under any amendments to such act or acts, either as a bankrupt or as an insolvent or as a debtor or in any similar capacity, wherein or whereby the Participant seeks or prays to be adjudicated a bankrupt or is to be discharged from any or all of its debts or obligations, or offers a reorganization of its obligations for the benefit of creditors, or asks for similar relief.

(B) District's Remedies. Upon the occurrence of an event of default hereunder, the District shall be entitled to protect and enforce the rights vested in the District by this Contract by appropriate judicial proceedings as the District may deem most effective or convenient, either in equity or law. The use by the District of any remedy specified herein for the enforcement of this Contract is not exclusive and shall not deprive the District of, or limit the application of, any other remedy provided hereunder or by law or by equity. Without limiting the generality of the foregoing, the District shall be entitled to pursue any of the following remedies:

(1) The District may suspend the delivery to the Participant of water hereunder during the period when the Participant is delinquent in its payments or other obligations to the District hereunder, but only following notice to the Participant and the imposition of such remedy following a formal hearing conducted by the Board of Supervisors, unless such failure to pay is as described in subparagraph (5) below;

(2) The District may compel the Participant, or its governing board, by action in any court of competent jurisdiction to account to the District as the trustee of an express trust;

(3) The District may pursue an action in any court of competent jurisdiction to enjoin any acts or things which may be unlawful or in violation of the rights of the District hereunder; and

(4) The District may proceed in mandamus or other suit, action or proceeding at law or in equity to enforce its rights against the Participant (and its governing board, officers, agents and employees) and to compel the Participant to perform and carry out its duties and obligations under the law and its covenants and obligations as set forth herein.

(5) If the Participant shall fail to make timely payments in full of all amounts due from the Participant under the terms of this Contract, and if, as a result, payments are made by any Non-Delinquent Participant during any Water Year under Article 25(B)

hereof, then the District shall, beginning on the first Due Date, declare a default as to the Participant and the District shall be entitled to suspend deliveries of the Delivery Entitlement without referring the matter to the Board of Supervisors for a hearing; notwithstanding the foregoing, by the terms of this Contract, the Participant shall nonetheless continue to be obligated for amounts paid on its behalf by the Non-Delinquent Participants, until such time as the Participant has reimbursed each Non-Defaulting Participant in full. Said amounts advanced by the Non-Delinquent Participants are immediately due and payable by the Participant, and, if not so paid, and notwithstanding the provisions of paragraph (C) of this Article, shall incur interest on the unpaid amounts until paid in full at a rate per annum equal to the average rate for the County Treasury Pool, plus two percent (2%) per annum, for the month for which the County Treasury Pool rate was most recently calculated, based on a 360-day year of twelve 30-day months; *provided*, however, that payments to be made as reimbursements under this paragraph are deemed and understood to be subordinate to the obligations of the Participant to pay the amounts allocated to the Participant as the Participant's share of the District's Capital Projects Installment Debt Service under Article 16(C)(3) of this Contract.

(C) Rate of Interest. Upon each charge to be paid by the Participant to the District pursuant to this Contract which remains unpaid after the time the same shall have become due and payable, interest shall accrue at an annual rate equal to that earned by the County Treasury Pool as provided in California Government Code at Section 16480 *et seq.*, calculated monthly on the amount of such delinquent payment from time to time after the due date when the same becomes due until paid, and the Participant hereby agrees to pay such interest; *provided*, that no interest shall be charged to or paid by the Participant unless such delinquency continues for more than thirty (30) days. The Participant hereby agrees to pay such interest to the District, whether or not the District shall pursue any of the remedies specified in this Article. In no event shall said default interest be compounded.

ARTICLE 27:
CHANGES IN ORGANIZATION

The Participant shall furnish the District with maps showing the boundaries of the Participant and showing the service area or areas of the Participant's water distribution system. Throughout the term of this Contract, the Participant shall promptly notify the District of any changes in said boundaries and in said service area or areas occasioned either by addition or by removal of territory. So long as there are outstanding any Municipal Obligations, the Participant shall take no action to remove any lands from the Participant or its service areas without the prior written consent of the District.

ARTICLE 28:
ADDITIONAL CAPITAL PROJECTS

(A) Required Additional Projects. At any time, and from time to time, without the consent of the Participant or any Other Participant, the District shall have the authority to undertake the construction or equipping of any Required Additional Project, *provided* that,

before a Required Additional Project may be commenced by the District pursuant to direction or order of a competent Governmental Authority, the Participant and the Other Participants shall be afforded notice by the District of said direction or order and each shall have the opportunity to oppose the imposition of such requirement before a court of competent jurisdiction. Only if a final judgment is thereafter rendered in favor of such direction or order of the said Governmental Authority, or if no such opposition is filed, shall the directed or ordered project be undertaken by the District. It is the intention of the parties hereto that the District shall, as and when necessary, be deemed to assign its rights to pursue opposition to the creation of any obligations hereunder by a Governmental Authority to the Participant and/or the Other Participants as third party beneficiaries hereof and real parties in interest. The District shall allocate the costs of each Additional Capital Project among All Participants pro rata according to the Delivery Entitlement Share and the Other Delivery Entitlement Shares, respectively, unless the Commission shall determine that some other manner of cost allocation is more equitable in which case the Commission's determination shall be final.

(B) Approved Additional Projects. An Approved Additional Project may be undertaken at any time, and from time to time, by the District in accordance with the terms of the specific agreements between the District and the Participant and the Other Participants, *provided* that, funding for an Approved Additional Project will not be from Capital Reserves but from a new and separate capital fund established by the District as a part of the agreement establishing each Approved Additional Project.

(C) Emergency Projects. Emergency Projects, including emergency repairs to the Nacimiento Project, may, notwithstanding the above, be made by the District without notice to, or consultation with, the Participant or the Nacimiento Project Commission or with any Other Participant. The District shall then allocate the costs of each Emergency Project among All Participants pro rata according to the Delivery Entitlement Share and the Other Delivery Entitlement Shares, respectively, unless the Commission shall determine that some other manner of cost allocation is more equitable, in which case the Commission's determination shall be final.

ARTICLE 29:
USE OF RESERVE WATER

The District may use the District's Reserve Water as follows:

(A) Priorities. The District shall use the District's Reserve Water in the following order of priority:

(1) For the alleviation of any permanent water shortage described in Article 14(B) hereof;

(2) For the alleviation of any temporary water shortage described in Article 14(A) hereof;

(3) For the satisfaction of the District's obligations to each of the Reserve Water Customers;

(4) For adding to and supplementing the Delivery Entitlements for the Participant and/or the Other Delivery Entitlements for the Other Participants who are Initial Participants as provided for by Article 6(D) herein;

(5) For additional and New Participants (defined in paragraph (C) below) who were not Initial Participants;

(6) For such other purposes as the District deems useful and beneficial to the Nacimiento Project.

(B) District's Sale of Reserve Water/Reserved Capacity by Amending Participant's Contract and/or the Like-Contracts of Other Participants who were Initial Participants. In the event that the Participant, or any Other Participant who was an Initial Participant, desires to purchase additional capacity in the Nacimiento Facilities and additional rights to have a portion of Reserve Water conveyed and delivered to the Participant and to the extent that the amount of Reserve Water and Reserved Capacity is sufficient to do so, the District and the Participant may amend this Contract (or, in the case of an Other Participant, the Like-Contract), *provided* that the District shall not enter into any such amendment which provides terms more favorable than those presently existing in this Contract, and in each Like-Contract, and *provided* that the Participant shall, in addition to the payments required under the Like Contract, pay to the District a fee (the "Purchase of Reserve Water Delivery Entitlement and Reserved Capacity Fee") amounting to a sum which will reasonably compensate the District for the Participant's Unit Percentage Share of the Total Nacimiento Project Construction Costs plus the costs of any Additional Capital Projects which are necessary or convenient for the conveyance and/or delivery of the Delivery Entitlement. The District shall apply the Purchase of Reserve Water Delivery Entitlement and Reserved Capacity Fee as a credit to the obligations of the Participant and the Other Participants based on their respective Unit Percentage Share. However, the District shall not so amend this Contract without having first provided sixty (60) days written notice to each Other Participant of the fact that the Participant has applied to the District for such an amendment to this Contract and providing each such Other Participant an opportunity to likewise apply for an additional Delivery Entitlement of Reserve Water/Reserved Capacity. In the event that Other Participants shall also apply to the District at the time of Participant's application for additional Delivery Entitlements of Reserve Water, then to the extent that there is not sufficient Reserve Water or Reserved Capacity to satisfy all of the applications for additional Delivery Entitlements, the Participant and all Other Participants applying for additional Delivery Entitlements shall be granted additional Delivery Entitlements in proportion to their respective Delivery Entitlements existing at the time of the applications.

(C) District's Contract(s) for All or a Portion of Reserve Water and Reserved Capacity by Execution of Like-Contracts with New Participants who were Not Initial Participants. In the event that an entity desires to become a New Participant, acquiring rights to capacity in the Nacimiento Facilities and rights to have conveyed and delivered to the New Participant a portion of Reserve Water, and to the extent that the amount of Reserve Water and the District's Reserved Capacity is sufficient to do so, then the District, after consulting with the Nacimiento Project Commission, and after receiving the written approval from that portion of All Participants holding, in the aggregate, at least fifty-five percent (55%) of the total of all delivery entitlements to Nacimiento Project Water existing at that time, may enter into a Like-

Contract with such New Participant, *provided* that said New Participant shall, in addition to the payments required under the Like-Contract, pay to the District a Purchase of Reserve Water Delivery Entitlement and Reserved Capacity Fee as described above herein. However, notwithstanding the foregoing sentence, each entity listed on Exhibit B hereto shall have the right to become a New Participant, and the District may enter into a Like-Contract with such New Participant, on any day after the last day of the Design Phase without consultation with the Commission or written approval from any portion of All Participants, *provided*, that said New Participant shall, in addition to the payments required under its Like-Contract, pay to the District a Purchase of Reserve Water Delivery Entitlement and Reserved Capacity Fee as described above herein. The District shall apply the Purchase of Reserve Water Delivery Entitlement and Reserved Capacity Fee received from any New Participant as a proportionate credit to the obligations of the Participant and the Other Participants (excluding the New Participant) based on the Participant's and the Other Participants' Unit Percentage Shares. Notwithstanding the foregoing, or any other provision of this Contract, the District shall not execute a Like-Contract with a New Participant if such execution would result in any of the Tax-Exempt Obligations being treated as an obligation not described in Section 103(a) of the Internal Revenue Code of 1986, as amended, by reason of classification of such Tax-Exempt Obligation as a "private activity bond" within the meaning of Section 141 of said Code.

(D) District's Sale of Reserve Water to Reserve Water Customers.

(1) The District may enter into an agreement to deliver all or a part of Reserve Water to Reserve Water Customers under the following conditions:

(a) There is Reserve Water and Reserved Capacity available in any year after application of the priorities set forth above herein;

(b) The agreement cannot be for a period of time in excess of five years; and

(c) The price charged by the District to any Reserve Water Customer for the delivery of said Reserve Water may not be less than the greater of: (i) rates that the District would charge for Surplus Water under Article 12 of this Contract delivered to that Participant geographically nearest the place where the Reserve Water Customer takes delivery of Reserve Water; or, (ii) the charges resulting from the application of the provisions of Article 30(A) hereof.

(2) The District's revenues from an agreement for the temporary delivery of Reserve Water to Reserve Water Customers shall be applied by the District to effect a credit under Article 17(B)(3) hereof ("Credit for Participant's Portion of Any of District's Surplus/Wheeling/District Customer Revenues").

ARTICLE 30:
USE OF RESERVED CAPACITY

The District shall use its best efforts to temporarily lease the Reserved Capacity of the Nacimiento Facilities.

(A) District's Use of Capacity in the Nacimiento Facilities for the Delivery of Reserve Water through the Nacimiento Facilities to a Reserve Water Customer. If at any time during the term of this Contract, the District conveys Reserve Water through any Unit to a Reserve Water Customer, the Reserve Water Customer shall be required to pay the District for such conveyance and delivery service in a manner and at prices which will return to the District the largest net revenue practicable, but in no event shall such conveyance be effected at charges less than those applicable to the conveyance of Delivery Entitlement through the same Unit or Units. In determining the appropriate charges for water conveyed and delivered for a Reserve Water Customer, the District shall take into account the particular Unit or Units through which conveyance of such water occurs, shall compare the Operation and Maintenance Costs and Capital Projects Installment Debt Service apportionable to such Unit or Units with Nacimiento Project Costs, and shall further compare the amount of water conveyed for Reserve Water Customers through such Unit or Units with the amount of Nacimiento Project Water conveyed for the Participant and for the Other Participants through such Unit or Units for the same period of time.

(B) Wheeling of Water. If at any time during the term of this Contract, the District conveys water to any Wheeling Customer, said Wheeling Customer shall be required to pay the District for such conveyance and delivery service in a manner and at prices which will return to the District the largest net revenue practicable, but in no event shall such conveyance be effected at charges less than those applicable to the conveyance of Delivery Entitlement through the same Unit or Units. In determining the appropriate charges for water conveyed and delivered for a Wheeling Customer, the District shall take into account the particular Unit or Units through which conveyance of such water occurs, shall compare the Operation and Maintenance Costs and Capital Projects Installment Debt Service apportionable to such Unit or Units with Nacimiento Project Costs, and shall further compare the amount of water conveyed for Wheeling Customers through such Unit or Units with the amount of Nacimiento Project Water conveyed for the Participant and for the Other Participants through such Unit or Units for the same period of time. The District hereby covenants and agrees not to enter into any contract with a Wheeling Customer for the conveyance of water with a term to exceed one (1) year.

ARTICLE 31:
UNIFORM CONTRACTS

Nacimiento Project Water Delivery Entitlement Contracts executed by the District with the Other Participants (or with any New Participant) shall be substantially uniform with respect to basic terms and conditions when compared with this Contract, but shall provide for different dates and quantities of water to be conveyed and delivered, the places of water delivery, each delivery entitlement share and each unit percentage share and the payment amounts for each participant.

ARTICLE 32:
AMENDMENTS TO CONTRACT

This Contract shall be subject to amendment at any time by mutual agreement of the parties hereto, except insofar as any proposed amendments are in any way contrary to applicable

law, or would have a material adverse effect upon the owners of any of the Municipal Obligations. As a condition to any amendment to this Contract or to the Like-Contracts with the Other Participants, the District shall first have received written confirmation from the rating agency or agencies then providing a rating for the Municipal Obligations, to the effect that the proposed amendments will not adversely affect the rating of the Municipal Obligations and, in the event that the Municipal Obligations, or any portion thereof, shall be covered by municipal bond insurance, the District shall have received prior written consent to such proposed amendments from the provider of such bond insurance. Amendments to this Contract and to the Like Contracts of the Other Participants shall occur only after the written and unanimous consent of the District, the Participant and all Other Participants, except, that the following Additional Projects may be effected without said unanimous consent and upon the following conditions:

(A) Approved Additional Projects. Subject to the provisions of Article 28 hereof, and upon the request of the Participant or of any Other Participant, the District may enter into an amendment of this Contract, and/or of Like-Contracts, in order to undertake the acquisition and construction of an Approved Additional Project; *provided*, however, the Participant and/or Other Participants desiring such Project shall first demonstrate that said Approved Additional Project will be economically feasible with the financial support of only the Participant and/or the Other Participants participating in said Approved Additional Project.

(B) Required Additional Project/Emergency Project. The undertaking of a Required Additional Project or of any Emergency Project by the District shall not require the consent of the Participant or of any Other Participant nor the amendment of this Contract or of any Like-Contract(s).

(C) Approval of Amendments by Participant. The Participant covenants and agrees to act in good faith to approve or reject any proposed amendments hereto within a reasonable period of time. The failure to either approve or reject any such proposed amendment within sixty (60) days from the date of adoption by the Board of a resolution approving such proposed amendment shall constitute a lack of good faith.

ARTICLE 33:
ESTABLISHMENT OF NACIMIENTO PROJECT COMMISSION

In connection with its approval of this Contract, the Participant has appointed a representative of the Participant to sit on the Nacimiento Project Commission. The District covenants and agrees to call a first organizational meeting of the Commission within thirty (30) days of the Effective Date, in accordance with law and, particularly, the provisions of the Ralph M. Brown Act. The Commission shall meet at such intervals and at such places as it shall determine. The total number of votes that may be cast on any issue or proposition considered by the Commission shall be the sum of the number of Commissioners. The Commission member representing the District shall be entitled to vote in proportion to the number of Commissioners. The Commissioners representing the Participant and the Other Participants shall share the remaining votes in proportion to the Delivery Entitlement of the Participant and of each of the Other Participants.

The purpose of the Commission shall be to review and approve all substantive matters pertaining to the construction and operations of the Nacimiento Facilities, including the annual budget; provided, however, that the Commission shall have no authority to contract, employ persons, or make expenditures. The Board of Supervisors may approve, alter, or return any said approval of the Commission. Furthermore, in every case that the Board alters or returns to the Commission any item or proposition approved by the Commission, the Board shall set forth in writing its findings that caused the Board to alter or return said item or proposition and shall do so only after holding a public hearing at which time the Commissioners shall have the right to appear and address the Board of Supervisors.

ARTICLE 34:
OPINIONS AND DETERMINATIONS; GOOD FAITH

Where the terms of this Contract provide for action to be based upon opinion, judgment, approval, review or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious, or unreasonable.

ARTICLE 35:
WAIVER OF CONTRACT RIGHTS

Any waiver at any time by either party to this Contract of the party's rights with respect to a default or any other matter arising in connection with this Contract shall not be deemed to be a waiver with respect to any other default or matter.

ARTICLE 36:
NOTICES

All notices that are required either expressly or by implication to be given by any party to the other under this Contract shall be signed for the District and for the Participant by such officers as they may, from time to time, authorize to so act. All such notices shall be deemed to have been given and delivered if delivered personally or if enclosed in a properly addressed envelope and deposited with the United States Postal Service for delivery by registered or certified mail. Unless and until formally notified otherwise, all notices shall be addressed to the parties as follows:

To the Participant: City of Paso Robles
1000 Spring Street
Paso Robles, California 93446
Attention: James L. App, City Manager

To the District: Department of Public Works
County of San Luis Obispo
County Government Center
San Luis Obispo, CA 93408
Attention: Director of Public Works

ARTICLE 37:
ASSIGNMENT

The provisions of this Contract shall apply to and bind the successors and assigns of the respective parties, but no assignment or transfer of this Contract, or any part hereof or interest herein, shall be valid until and unless approved by the District. The District shall not approve any such assignment or transfer to any person or entity that is not one or more of the Initial Participants, or a then-existing New Participant, unless and until the proposed assignment or transfer of this Contract has been offered to and refused in writing by all said Participants. The offer of any such assignment or transfer of this Contract shall be on the same basis to all Participants and if more than one of the said Participants desires to accept the offer, this Contract or portion thereof to be assigned or transferred shall be prorated among them in proportion to their respective unit percentage share in the facilities involved in the assignment or transfer. The foregoing notwithstanding, no assignment or transfer of this Contract or any part hereof or interest herein shall be valid until such time as the District has received assurances from each rating agency then rating the Municipal Obligations, to the effect that such assignment or transfer will not adversely affect the rating on the Municipal Obligations, and, so long as any Municipal Obligations are then being insured by a municipal bond insurance company, until such time as the District has received the written consent from such bond insurer as to such assignment or transfer. The Participant understands and acknowledges that the District may pledge amounts received and to be received hereunder and under the other Like-Contracts to a financial institution and/or Joint Exercise of Powers Authority as further support for the District's obligations under the Municipal Obligations.

ARTICLE 38:
INSPECTION OF BOOKS AND RECORDS

The authorized officers of the Participant shall have full and free access at all reasonable times to the account books and official records of the District insofar as the same pertain to the matters and services provided for in this Contract, with the right at any time during regular business hours of the District to make copies thereof at the Participant's expense, and the authorized officers of the District shall have similar rights in respect to the account books and records of the Participant for its Water Enterprise.

ARTICLE 39:
SEVERABILITY

Any provision of this Contract that is prohibited, unenforceable or not authorized in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition,

unenforceability or nonauthorization without invalidating the remaining provisions hereof affecting the validity, enforceability or legality of such provision in any other jurisdiction.

ARTICLE 40:
WATER RIGHTS

The parties hereto acknowledge and agree that this Contract is an agreement for service, and only contractual rights are created by this Contract. This Contract does not create an entitlement to nor does it convey to the Participant any property right or interest in the Master Water Contract. Except as to rights associated with imported water discussed in this Article, no provision of this Contract shall be considered, interpreted or applied in any fashion to derogate or otherwise diminish, reduce or detrimentally affect, in any fashion, any parties' existing or subsequently developed or acquired Water Rights. This Contract shall not be considered, interpreted nor applied in any fashion to result in any relinquishment or adjustment of any such Water Rights. In particular, no provision of this Contract shall be considered, interpreted or applied in any fashion to diminish, reduce or detrimentally affect, in any fashion, any party's rights pursuant to Water Code Section 1005.1 or Section 1005.2. Notwithstanding anything to the contrary set forth herein, the parties to this Contract acknowledge that the water delivered to the Participant pursuant to this Contract constitutes "imported water." The District agrees to support any effort of the Participant to establish that the water delivered to the Participant pursuant to this Contract constitutes "imported water." The parties further acknowledge that any rights to water which may arise from the importation and/or use by the Participant of the water delivered pursuant to this Contract (including, but not limited to the use, storage, capture, recapture and/or reuse of such water) are held exclusively by the Participant and no other party.

ARTICLE 41:
GOVERNING LAW

This contract shall be interpreted, governed and enforced in accordance with the laws of the State of California applicable to contracts made and performed in such State.

ARTICLE 42:
VALIDATION

Either the District, the Participant or any Other Participant may file and diligently prosecute to a final decree in a court of competent jurisdiction a proceeding in mandamus or other appropriate proceeding or action for the judicial examination, approval, and confirmation of the proceedings had for the organization of the District and for the participation of the Participant in the Nacimiento Facilities hereunder, or for the validation of the agreement(s) which is the basis for the Municipal Obligations, or any of them, or the proceedings of the governing body of the Participant leading up to and including the making of this Contract and the validity of the provisions thereof and hereof.

ARTICLE 43:
COUNTERPARTS

This Contract may be executed in several counterparts, each of which shall be regarded as an original and all of which shall constitute one and the same document.

IN WITNESS WHEREOF, the parties hereto have executed this Contract on the date first above written.

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

By _____
Chairperson, Board of Supervisors

APPROVED AS TO FORM:
COUNTY COUNSEL:

By _____
Deputy County Counsel
6/24/04

ATTEST:
JULIE L. RODEWALD, COUNTY CLERK

By _____
Deputy County Clerk

CITY OF PASO ROBLES

By _____
Authorized Representative

APPROVED AS TO FORM:
CITY ATTORNEY

By _____

By _____
City Clerk

ATTEST:
CITY CLERK

By _____
City Clerk

EXHIBIT A

UNIT DESCRIPTIONS

Unit A - Lake Nacimiento Intake and Pump Station to Camp Roberts West Property Line: Shall consist of the raw water intake structure including multiport tower, pumps, piping, surge control facilities, access road, screens, gates, valves, controls, electrical service, instrumentation, grounds, fencing, and appurtenances; and pipeline from the intake to the Camp Roberts west property line, including road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances

Unit A1 - Camp Roberts West Property Line to Camp Roberts Tank and Pump Station Inlet: Shall consist of the pipeline from the Camp Roberts west property line to the inlet connection of the Camp Roberts Pump Station including road crossings, the Nacimiento River crossing, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances; and Camp Roberts Tank including piping and valves, connections to the main pipeline, controls, instrumentation, corrosion control and coatings, access roads, grounds, fencing, and appurtenances.

Unit B – Camp Roberts Pump Station: Shall consist of the Camp Roberts Pump Station from the inlet connection to the discharge connection, including pumps, piping, connections to the main pipeline, surge control facilities, access road, valves, controls, instrumentation, grounds, fencing, and appurtenances.

Unit C – Camp Roberts Pump Station Discharge to Monterey Rd / Wellsona: Shall consist of the pipeline from the Camp Roberts Pump Station discharge connection to the intersection of Old Highway 101 and Monterey Road, including the highway crossing, road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit C1 – Monterey Rd / Wellsona to Paso Robles Turnout: Shall consist of the pipeline from the intersection of Old Highway 101 and Monterey Road to the mainline connection for the Paso Robles Turnout, including the Salinas River crossing, railroad crossing, road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit D – Paso Robles Turnout to Templeton CSD Turnout: Shall consist of the pipeline from the mainline connection for the Paso Robles Turnout to the mainline connection for the Templeton CSD turnout, including surge control, microtunneling through Santa Ysabel Ranch, road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit E – Templeton CSD Turnout to Atascadero MWC Turnout: Shall consist of the pipeline from the mainline connection for the Templeton CSD turnout to the mainline connection for the Atascadero MWC turnout, including road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit F – Atascadero MWC Turnout to Rocky Canyon Tank Inlet: Shall consist of the pipeline from the mainline connection for the Atascadero MWC turnout to the inlet flange of the Rocky Canyon Tank, including road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit F1 – Rocky Canyon Tank: Shall consist of the Rocky Canyon Tank from the inlet flange of the tank through to the inlet connection to the Rocky Canyon Pump Station, including piping and valves, connections to the main pipeline, controls, instrumentation, corrosion control and coatings, access roads, grounds, fencing, and appurtenances.

Unit F2 – Rocky Canyon Pump Station: Shall consist of the Rocky Canyon Pump Station from the pump station inlet connection through to the discharge connection, including pumps, piping, connections to the main pipeline, surge control facilities, access road, valves, controls, instrumentation, grounds, fencing, and appurtenances.

Unit G – Rocky Canyon Pump Station Discharge to Route 58/Maria Avenue: Shall consist of the pipeline from the discharge connection of the Rocky Canyon Pump Station to the intersection of Maria Avenue and Route 58 in Santa Margarita, including a Salinas River Crossing, road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit G1 – Route 58/Maria Avenue to Cuesta Tank Inlet: Shall consist of the pipeline from the intersection of Maria Avenue and Route 58 in Santa Margarita to the inlet flange of the Cuesta Tunnel Tank, including railroad and road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit G2 – Cuesta Tunnel Tank: Shall consist of the Cuesta Tunnel Tank from the inlet flange of the tank through the north portal inlet flange of the existing Cuesta Tunnel pipeline, including piping and valves, connections to the main pipeline, controls, instrumentation, corrosion control and coatings, access roads, grounds, fencing, and appurtenances.

Unit H – Cuesta Tunnel: Shall consist of the existing Nacimiento Pipeline in Cuesta Tunnel from the existing north portal inlet flange through the south portal outlet flange, including controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit H1 – Cuesta Tunnel to San Luis Obispo WTP: Shall consist of the pipeline from the south portal outlet flange of the Nacimiento Pipeline in Cuesta Tunnel to the San Luis Obispo City Water Treatment Plant on Stenner Creek Road, including railroad crossings, road crossings, controls, instrumentation, air release structures, blowoffs, valves, vaults, corrosion control, and appurtenances.

Unit T-2 – City of Paso Robles Turnout. Shall consist of the piping, instrumentation and appurtenant facilities connecting the Nacimiento Facilities to the City of Paso Robles water system facilities near the intersection of Charolais Road and South River Road.

EXHIBIT B

ENVIRONMENTAL IMPACT REPORT

ENTITIES

California Army National Guard

County of San Luis Obispo Service Area No. 10A, 22 and 23

Edna Valley Mutual Water Company

Fiero Lane Water Company

Lewis C. Pollard Family Trust

Morrow Rock Mutual Water Company

San Miguel Community Services District

Santa Margarita Ranch Mutual Water Company