APPENDIX D—LOWER SAN JOAQUIN RIVER WATER COMPREHENSIVE MONITORING GUIDE

Introduction

This appendix contains a summary of monitoring information for the Lower San Joaquin River Basin, focused primarily on downstream mainstem sites in the San Joaquin River to the Delta. Table D1 contains an overall summary of monitoring programs and agencies monitoring in this area of the basin. Table D2 contains a key to the sites indicated on the map in Figure D1, along with additional information about the sites and monitoring programs. Tables D3 through D10 contain constituent level information on general water quality parameters, pathogens, nutrients, organics, metals and trace elements, nutrients, pesticides and toxicity. A populated cell in a column representing a group of constituents (e.g. organics) means that at least one constituent in the group is monitored, but not necessarily all.

The information presented in this summary is based on data collected from best-known available resources. Since much of the information pertains to other programs and agencies, Central Valley Water Board staff does not guarantee the accuracy of the information contained in this summary. A full list of references used to create this summary is listed at the end of this appendix.

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List of Acronyms for Appendix D

CV	Central Valley
CV- Water Board	Central Valley Regional Water Quality Control Board
DCRT	Data Collection and Review Team
DDW	Division of Drinking Water
Diss	Dissolved
DS	Downstream
DWR	California Department of Water Resources
E	East
EC	Electrical Conductivity
EMP	Environmental Monitoring Program
GBP	Grasslands Bypass Project
IEP	Interagency Ecological Program
ILRP	Irrigated Lands Regulatory Program
MRP	Monitoring and Reporting Program
MWQI	Municipal Water Quality Investigations
N	North
NAWQA	National Water Quality Assessment Program
NPDES SMP	National Pollutant Discharge Elimination System Self-Monitoring Program
RMP	Regional Monitoring Program
S	South
SF	San Francisco
SFEI	San Francisco Estuary Institute
SMP	Self-Monitoring Plan
SJR	San Joaquin River
SPoT	Sediment Pollution Trends
SS	Special Study
State Water Board	State Water Resources Control Board
SWAMP	Surface Water Ambient Monitoring Program
US	Upstream
USBR	U.S. Bureau of Reclamation
USGS	U.S. Geological Survey
W	West
WDR	Waste Discharge Requirements
WQCF	Water Quality Control Facility
WRF	Water Recycling Facility
WWCF	Wastewater Control Facility
WWTF	Waste Water Treatment Facility

Table D - 1 Summary of Monitoring Programs in the Lower San Joaquin River Basin

Program	Agency	Monitoring Plan	Project Term	Data Stored	Field	General Chemistry	Organic Carbon	Bacteria/ Pathogen	Metals	Organics	Minerals	Nutrients	Pesticides/ Legacy Chemicals	Toxicity
ILRP (*regulatory*)	Westside SJR Watershed Coalition	WDR	Ongoing	CEDEN	X	X	X	X	X (TBD)		X	X	X (TBD)	X
	East SJ Water Quality Coalition	WDR	Ongoing										X	
	SJ County and Delta Coalition	WDR	Ongoing										X	
San Joaquin District Surface Water Monitoring	DWR	San Joaquin River Real-time Water Quality Management Program	Ongoing	CDEC	X									
Interagency Ecological Program		EMP: Real Time Monitoring	Ongoing		X									
		EMP: Discrete Water Quality Sampling	Ongoing		X	X	X				X	X		

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Table D - 1 Summary of Monitoring Programs in the Lower San Joaquin River Basin

Program	Agency	Monitoring Plan	Project Term	Data Stored	Field	General Chemistry	Organic Carbon	Bacteria/ Pathogen	Metals	Organics	Minerals	Nutrients	Pesticides/ Legacy Chemicals	Toxicity
MWQI	DWR	MWQI	Ongoing	WDL	X	X	X		X		X	X		
Continuous Recording Station		Continuous Recording Station	Ongoing		X									
SWAMP	State Water Board	Sediment Pollution Trends (SPoT)	Ongoing	CEDEN			X		X	X			X	X
GBP	DCRT	WDR/Various GBP Plans	Ongoing (some historic)	?	X	X			X			X		
Surface Water Monitoring	USGS	Surface Water Monitoring	Ongoing	NWIS	X	X			X					
NAWQA		NAWQA	Ongoing		X									
Delta Flows Network		Delta Flows Network	Ongoing		X									

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Table D - 1 Summary of Monitoring Programs in the Lower San Joaquin River Basin

Program	Agency	Monitoring Plan	Project Term	Data Stored	Field	General Chemistry	Organic Carbon	Bacteria/ Pathogen	Metals	Organics	Minerals	Nutrients	Pesticides/ Legacy Chemicals	Toxicity
Surface Water Monitoring	USBR	Surface Water Monitoring	Ongoing	WDL/CDEC	X									
Continuous Recording Station		Continuous Recording Station	Ongoing		X									
NPDES (*regulatory*)	City of Turlock WWCF	NPDES SMP	Ongoing	CIWQS	X	X			X	X	X	X	X	
	City of Modesto WWCF		Ongoing		X	X		X	X	X	X	X	X	
	City of Manteca and Dutra Farms		Ongoing		X	X			X	X	X	X	X	
	City of Stockton Regional WWCF		Ongoing		X	X	X		X	X	X	X	X	
	Stockton Port District Facility		Ongoing		X	X		X	X			X	X	X

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Table D - 1 Summary of Monitoring Programs in the Lower San Joaquin River Basin

Program	Agency	Monitoring Plan	Project Term	Data Stored	Field	General Chemistry	Organic Carbon	Bacteria/ Pathogen	Metals	Organics	Minerals	Nutrients	Pesticides/ Legacy Chemicals	Toxicity
NPDES (*regulatory*)	Lincoln Center Environmental Remedial Trust	NPDES SMP	Ongoing	CIWQS	X	X			X	X	X	X	X	
	Ironhouse Sanitary District WRF		Ongoing		X	X	X		X		X	X	X	
DDW Regulated Monitoring (*regulatory*)	City of Stockton	Title 22 Source Water Monitoring	Ongoing	EDT	X	X		X	X	X	X	X		
Delta RMP	CV Water Board	Delta RMP Monitoring Design	Ongoing	CEDEN	X			X	X			X	X	X
SFEI Regional Monitoring	SFEI	RMP for Water Quality in the SF Estuary	Ongoing	CD3	X	X	X		X		X	X	X	X

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Figure D - 1 Monitoring Sites in the Lower San Joaquin River Basin

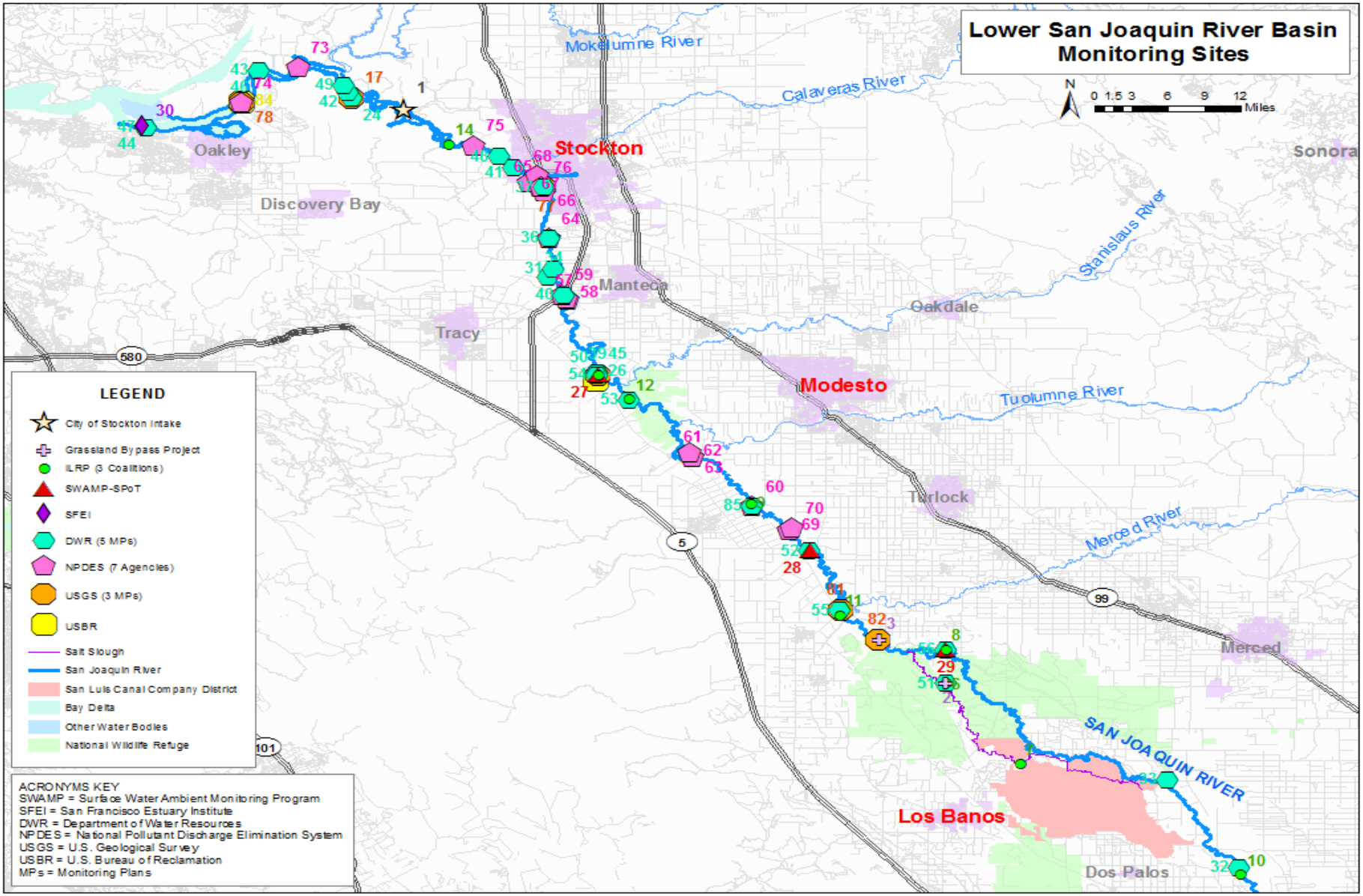

Table D - 2 Monitoring Sites

Map ID #	Site	Program	Agency	Monitoring Plan	Site Code	Latitude	Longitude	Monitoring Notes
10	SJR at Sack Dam	ILRP	Westside SJR Watershed Coalition	WDR	541XSJRSD	36.9835	-120.5005	TMDL monitoring: monthly for Chlorpyrifos and Diazinon.
32	SJR near Dos Palos	Continuous Recording Stations	DWR	Continuous Recording Stations	SDP	36.994	-120.5015	
33	SJR near Washington Road	Continuous Recording Stations	DWR	Continuous Recording Stations	SWA	37.11532	-120.587	
7	Salt Slough at Sand Dam	ILRP	Westside SJR Watershed Coalition	WDR	541XSSASD	37.1366	-120.76195	Tested during the irrigation period (Mar-Aug). The full constituent list will be tested for and evaluated twice per year on 2 separate rain events. TOC is tested in water and sediment during Assessment monitoring. Constituent and frequency varies year-to-year (refer to MRP No. R5-2014-0002 for details).
51	Salt Slough at Lander/Hwy 165	SJ District Surface Water Monitoring	DWR	SJR Real-time Water Quality Management Program	SSH	37.2486	-120.8511	
2	Salt Slough at Lander Avenue	GBP	DCRT	WDR/Various GBP Monitoring	541MER531	37.248611	-120.85111	Draft MRP is awaiting adoption. The most recent adopted MRP is MRP No. 5-01-234 from 2005. This site is a stormwater monitoring site, so the monitoring program shall be conducted at the channel immediately prior to diversion of stormwater, daily during water diversion, and for 1 week after diversion ceases.
6	Salt Slough at Lander/Hwy 165	ILRP	Westside SJR Watershed Coalition	WDR	541MER531	37.248611	-120.85111	Tested year-round, including irrigation periods, non-irrigation periods, and 2 rain events. The full constituent list will be tested for and evaluated twice per year on 2 separate rain events. TOC is tested in water and sediment during Assessment monitoring. Constituent and frequency varies year-to-year (refer to MRP No. R5-2014-0002 for details.)
56	SJR nr Stevinson	SJ District Surface Water Monitoring	DWR	SJR Real-time Water Quality Management Program	SJS	37.295	-120.851	

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Table D - 2 Monitoring Sites

Map ID #	Site	Program	Agency	Monitoring Plan	Site Code	Latitude	Longitude	Monitoring Notes
8	SJR at Lander Avenue	ILRP	Westside SJR Watershed Coalition	WDR	541MER522	37.295278	-120.85028	Tested year-round, including irrigation periods, non-irrigation periods, and 2 rain events. The full constituent list will be tested for and evaluated twice per year on 2 separate rain events. TOC is tested in water and sediment during Assessment monitoring. Constituent and frequency varies year-to-year (refer to MRP No. R5-2014-0002 for details). TMDL monitoring: monthly for Chlorpyrifos and Diazinon.
29	SJR at Lander Avenue	SWAMP	State Water Board	SPoT	541MER522	37.2953	-120.8503	Monitored every other year.
3	SJR at Fremont Ford	GBP	DCRT	WDR/Various GBP Monitoring	541MER538	37.3094	-120.9292	GBP is a collaborative monitoring effort between several agencies in which responsibility for testing a given constituent is rotated between the agencies. D/W sites are tested daily with a 24-hour composite sample and weekly with a grab sample. M/BW sites are sampled monthly during the non-irrigation season (Sept-Feb) and every other week during the irrigation season (Mar-Aug). Monitoring for constituents that are required for WDR 5-01-234 did not start until June 2011.
82	SJR at Fremont Ford Bridge	Surface Water Monitoring	USGS	Surface Water Monitoring	FFB	37.30994	-120.93104	
11	SJR at Hills Ferry	ILRP	East SJ Water Quality Coalition	WDR	541STC512	37.3425	-120.97722	TMDL monitoring: 1 storm event and monthly from May-Sep for Chlorpyrifos and Diazinon.
55	SJR nr Newman	SJ District Surface Water Monitoring	DWR	SJR Real-time Water Quality Management Program	NEW	37.35	-120.977	USGS site code: 11274000; as SJ R NR NEWMAN CA
81	SJR above Merced River near Newman	Surface Water Monitoring	USGS	Surface Water Monitoring	11274000	37.35056	-120.9761	Constituents with weekly sampling frequency were monitored for the Grassland Bypass Project.
28	SJR at Crows Landing	SWAMP	State Water Board	SPoT	535STC504	37.4319	-121.0117	Monitored every other year.
52	SJR near Crows Landing	SJ District Surface Water Monitoring	DWR	SJR Real-time Water Quality Management Program	SCL	37.431881	-121.01382	

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Table D - 2 Monitoring Sites

Map ID #	Site	Program	Agency	Monitoring Plan	Site Code	Latitude	Longitude	Monitoring Notes
69	SJR, 1800 ft. above discharge 001	NPDES	City of Turlock WQCF	NPDES SMP	RSW-001	37.460182	-121.03752	Constituents with weekly sampling frequency may be reduced to monthly when SJR is at "monitor stage" (river elevation is 48 ft.) and may be discontinued when SJR is at "flood stage" (river elevation is at 54.7 ft.) at the West Main Bridge near Patterson (SJP) gauging station. Discharger is allowed the choice to participate in the Delta RMP in lieu of conducting all or part of the individual receiving water monitoring. However, one representative ambient background characterization monitoring event for priority pollutants is required for permit renewal. The table currently reflects individual receiving water monitoring, not Delta RMP. Monthly (M) monitoring in 2017 is not required if Discharger participate in Delta RMP.
70	SJR, DS of discharge 001 and 50 ft. above confluence with Harding Drain	NPDES	City of Turlock WQCF	NPDES SMP	RSW-002	37.463886	-121.03321	
60	SJR, US at West Main Bridge	NPDES	City of Modesto WQCF	NPDES SMP	RSW-001	37.493888	-121.08056	Fecal coliform monitoring only required when discharging secondary treated wastewater; not required when discharging tertiary treated wastewater. Priority pollutants are monitored monthly for a one-year period during the third or fourth year of permit term. Dioxins and Furans are monitored semi-annually (one wet and one dry event). Priority Pollutants and other constituents of concern are defined with a frequency of MP.
85	SJR near Patterson	SJ District Surface Water Monitoring	DWR	SJR Real-time Water Quality Management Program	SJP	37.494	-121.081	
9	SJR at PID Pumps	ILRP	Westside SJR Watershed Coalition	WDR	541XSJRPP	37.4972	-121.0828	TMDL monitoring: monthly for Chlorpyrifos and Diazinon.

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Table D - 2 Monitoring Sites

Map ID #	Site	Program	Agency	Monitoring Plan	Site Code	Latitude	Longitude	Monitoring Notes
63	SJR, DS at Laird Park	NPDES	City of Modesto WQCF	NPDES SMP	RSW-004	37.561944	-121.15222	Fecal coliform monitoring only required when discharging secondary treated wastewater; not required when discharging tertiary treated wastewater.
61	SJR, 500 ft. DS from discharge point	NPDES	City of Modesto WQCF	NPDES SMP	RSW-002	37.562336	-121.15277	Fecal coliform monitoring only required when discharging secondary treated wastewater; not required when discharging tertiary treated wastewater.
62	SJR, 1 mile DS from discharge point into	NPDES	City of Modesto WQCF	NPDES SMP	RSW-003	37.568529	-121.15455	Fecal coliform monitoring only required when discharging secondary treated wastewater; not required when discharging tertiary treated wastewater.
12	SJR above Maze Boulevard	ILRP	East SJ Water Quality Coalition	WDR	541STC510	37.64194	-121.22778	TMDL monitoring: 1 storm event and monthly from May-Sep for Chlorpyrifos and Diazinon.
53	SJR at Maze Rd Bridge	SJ District Surface Water Monitoring	DWR	SJR Real-time Water Quality Management Program	MRB	37.6414	-121.2276	
83	SJR at Vernalis	Surface Water Monitoring Sites	USBR	Surface Water Monitoring Sites	VER	37.667	-121.267	
13	SJR at Airport Way near Vernalis	ILRP	East SJ Water Quality Coalition	WDR	541SJC501	37.67556	-121.26417	TMDL monitoring: 1 storm event and monthly from May-Sep for Chlorpyrifos and Diazinon.
27	SJR at Airport Way	SWAMP	State Water Board	SPoT	541SJC501	37.675556	-121.26417	Monitored every other year.
80	SJR near Vernalis	NAWQA	USGS	NAWQA	11303500	37.67611	-121.26417	
50	SJR near Vernalis	MWQI	DWR	MWQI	VERNALIS	37.6793	-121.2651	
54	SJR near Vernalis	SJ District Surface Water Monitoring	DWR/USGS	SJR Real-time Water Quality Management Program	VNS	37.676041	-121.26633	In place of TSS, this site is tested for Suspended Sediment Concentration (SSC).
45	SJR near Vernalis at SJR Club	IEP	DWR	EMP: Discrete Water Quality Sampling	C10A	37.67929	-121.26511	
39	SJR near Vernalis at SJR Club	IEP	DWR	EMP: Real Time Monitoring	C10A	37.67929	-121.26511	

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Table D - 2 Monitoring Sites

Map ID #	Site	Program	Agency	Monitoring Plan	Site Code	Latitude	Longitude	Monitoring Notes
26	SJR McCune Station nr Vernalis	Continuous Recording Stations	DWR	Continuous Recording Stations	SJR	37.67929	-121.26511	
57	SJR, mid-stream 100 ft. S of discharge 001	NPDES	City of Manteca and Dutra Farms WWTF	NPDES SMP	RSW-001	37.779107	-121.30092	Discharger is allowed the choice to participate in the Delta RMP in lieu of conducting all or part of the individual receiving water monitoring. However, one representative ambient background characterization monitoring event for priority pollutants is required for permit renewal. The table currently reflects individual receiving water monitoring, not Delta RMP. Monthly (M) monitoring in 2017 is not required if Discharger participate in Delta RMP.
58	SJR, mid-stream 500 ft. N of discharge 001	NPDES	City of Manteca and Dutra Farms WWTF	NPDES SMP	RSW-002	37.780429	-121.30172	
59	SJR, DWR's monitoring station at Mossdale Bridge	NPDES	City of Manteca and Dutra Farms WWTF	NPDES SMP	RSW-003	37.785931	-121.30725	
40	SJR at Mossdale Bridge (DWR's monitoring station)	IEP	DWR	EMP: Real Time Monitoring	C7A	37.786	-121.306	
34	SJR below O.R., near Lathrop	Continuous Recording Stations	DWR	Continuous Recording Stations	SJL	37.81111	-121.32417	
31	SJR above Dos Reis	Continuous Recording Stations	DWR	Continuous Recording Stations	SJD	37.82233	-121.31772	
64	SJR at Bowman Road, 8.0 miles S of discharge 001	NPDES	City of Stockton Regional WWCF	NPDES SMP	RSW-001	37.864516	-121.32302	Discharger is allowed the choice to participate in the Delta RMP in lieu of conducting all or part of the individual receiving water monitoring. However, one representative ambient background characterization monitoring event for priority pollutants is required for permit renewal. The table currently reflects individual receiving water monitoring, not Delta RMP. Every other month (BM) monitoring in 2017 is not required if Discharger participate in Delta RMP.

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Table D - 2 Monitoring Sites

Map ID #	Site	Program	Agency	Monitoring Plan	Site Code	Latitude	Longitude	Monitoring Notes
36	SJR at Brandt Bridge	Continuous Recording Stations	DWR	Continuous Recording Stations	BDT	37.865	-121.3231	
66	SJR at Hwy 4, 0.5 miles S of discharge 001	NPDES	City of Stockton Regional WWCF	NPDES SMP	RSW-002	37.928674	-121.32812	
77	SJR at Garwood Bridge	Delta Flows Network	USGS	Delta Flows Network	SJG	37.9351	-121.32945	
37	SJR at Garwood Bridge	Continuous Recording Stations	DWR	Continuous Recording Stations	SJG	37.935	-121.329	
76	SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge	NPDES	Stockton Port District Facility	NPDES SMP	R-1	37.935678	-121.33246	Each year, samples shall be collected coinciding with the three qualifying storm events and two monitoring events during the dry season in accordance with the Port's sampling and analysis plan. Samples for chlorpyrifos and diazinon shall be collected during ONE qualifying storm event and ONE dry weather event. For toxicity testing, sampling shall occur for 3 storm events separated by 7 days of dry weather, and 2 dry weather monitoring events (if a discharge is occurring), conducted during 2 non-consecutive years.
65	SJR, flow monitoring station located approx. 500 ft. S of Discharge Point 001	NPDES	City of Stockton Regional WWCF	NPDES SMP	RSW-001A	37.9364	-121.3337	Flow information is reported to the Discharger by the USGS, collected from the flow monitoring station. Flow will be recorded in 15-minute intervals and reported within self-monitoring report as a daily net flow value in units of cfs.
67	San Joaquin River at Burns Cutoff, 0.5 miles N of Discharge Point 001	NPDES	City of Stockton Regional WWCF	NPDES SMP	RSW-002A	37.941897	-121.34615	
68	SJR at Deep Water Channel, 1.5 miles N of discharge 001	NPDES	City of Stockton Regional WWCF	NPDES SMP	RSW-003	37.950768	-121.33656	
41	SJR at Rough and Ready Island	IEP	DWR	EMP: Real Time Monitoring	P8A	37.963	-121.365	

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Table D - 2 Monitoring Sites

Map ID #	Site	Program	Agency	Monitoring Plan	Site Code	Latitude	Longitude	Monitoring Notes
48	SJR at Buckley Cove	IEP	DWR	EMP: Discrete Water Quality Sampling	P8	37.97815	-121.38242	
75	SJR at Juggler's Island, approx. 6.4 miles downstream from the outfall from the storm drain system	NPDES	Lincoln Center Environmental Remedial Trust	NPDES SMP	RSW-004	37.9933	-121.4133	Discharger is allowed the choice to participate in the Delta RMP in lieu of conducting all or part of the individual receiving water monitoring. However, one representative ambient background characterization monitoring event for priority pollutants is required for permit renewal. The table currently reflects individual receiving water monitoring, not Delta RMP. Quarterly (Q) monitoring in 2019 is not required if Discharger participate in Delta RMP.
14	SJR at West Neugerbauer Rd	ILRP	SJ County and Delta Coalition	WDR	544SJCAWN	37.99493	-121.44173	TMDL monitoring: 1 storm event and monthly from May-Aug for Chlorpyrifos and Diazinon.
1	City of Stockton Intake	DDW Regulated Monitoring	City of Stockton	Title 22 Source Water Monitoring	PRI	38.043425	-121.49616	
17	SJR at Prisoner's Point near Terminous	Delta Flows Network	USGS	Delta Flows Network	PRI	38.0594	-121.5572	
24	SJR at Prisoner's Point near Terminous	Continuous Recording Stations	DWR	Continuous Recording Stations	PRI	38.0594	-121.5572	
42	SJR at Prisoner's Point	IEP	DWR	EMP: Real Time Monitoring	D29	38.066	-121.562	
49	SJR at Potato Point	IEP	DWR	EMP: Discrete Water Quality Sampling	D26	38.07664	-121.5669	
46	SJR at Twitchell Island	IEP	DWR	EMP: Discrete Water Quality Sampling	D16	38.09746	-121.66872	
43	SJR at Twitchell Island	IEP	DWR	EMP: Real Time Monitoring	D16	38.09746	-121.66872	

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Table D - 2 Monitoring Sites

Map ID #	Site	Program	Agency	Monitoring Plan	Site Code	Latitude	Longitude	Monitoring Notes
73	SJR, approx. 7 miles US of Discharge Point 001	NPDES	Ironhouse Sanitary District WRF	NPDES SMP	RSW-001	38.101311	-121.62084	Discharger is allowed the choice to participate in the Delta RMP in lieu of conducting all or part of the individual receiving water monitoring. However, one representative ambient background characterization monitoring event for priority pollutants is required for permit renewal. The table currently reflects individual receiving water monitoring, not Delta RMP. Quarterly (Q) monitoring in 2017 is not required if Discharger participate in Delta RMP.
78	SJR at Jersey Point	Delta Flows Network	USGS	Delta Flows Network	SJJ	38.051983	-121.68912	
84	SJR at Jersey Point	Surface Water Monitoring Sites	USBR	Surface Water Monitoring Sites	JER	38.05199	-121.6888	
74	SJR at Jersey Point	NPDES	Ironhouse Sanitary District WRF	NPDES SMP	RSW-002	38.051991	-121.6888	
44	SJR at Antioch Water Works	IEP	DWR	EMP: Real Time Monitoring	D12A	38.01783	-121.80296	
30	SJR	RMP for Water Quality in the SF Estuary	SFEI	RMP for Water Quality in the SF Estuary	BG30	38.020541	-121.80627	Constituents monitored BE are water samples. Constituents monitored 4x are sediment samples.
47	SJR at Antioch Ship Channel	IEP	DWR	EMP: Discrete Water Quality Sampling	D12	38.01783	-121.80296	

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
SJR at Sack Dam													
Westside SJR Watershed Coalition	ILRP	WDR	SJRSD	Ongoing, SS	O	O	O	O	O	O	O		
SJR near Dos Palos													
DWR	Continuous Recording Station	Continuous Recording Station	SDP	Ongoing	C	C	C	C	C	C			
SJR near Washington Road													
DWR	Continuous Recording Station	Continuous Recording Station	SWA	Ongoing	C	C	C	C	C	C			
Salt Slough at Sand Dam													
Westside SJR Watershed Coalition	ILRP	WDR	SSASD	Ongoing, SS	O[A]	O[A]	O[A]	O[A]	O[A]	O[A]	O[A]		
Salt Slough at Lander/Hwy 165													
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SSH	Ongoing	C	C			C				
DCRT	GBP	WDR/Various GBP Plans	541MER531	Ongoing	D	D		D	D				
Westside SJR Watershed Coalition	ILRP	WDR	SSALA	Ongoing, SS	O[A]	O[A]	O[A]	O[A]	O[A]	O[A]	O[A]		

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
SJR near Stevinson													
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJS	Ongoing	C	C	C	C	C	C			
SJR at Lander Ave													
Westside SJR Watershed Coalition	ILRP	WDR	SJRLA	Ongoing, SS	O[A]	O[A]	O[A]	O[A]	O[A]	O[A]	O[A]		
State Water Resources Control Board	SWAMP	SPoT	541MER522	Ongoing									
SJR at Fremont Ford													
DCRT	GBP	GBP/Various Studies	541MER538	Ongoing	D[R]	D/W[R]		W[R]	W[R]				
USGS	Surface Water Monitoring	Surface Water Monitoring	FFB	Ongoing	C	C			C				
SJR at Hills Ferry													
East SJ Water Quality Coalition	ILRP	WDR	541STC512	Ongoing									
SJR near Newman													
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	NEW	Ongoing	C								
SJR above Merced River near Newman CA													

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
USGS	Surface Water Monitoring	Surface Water Monitoring	11274000	Ongoing	C/M	C/W	C	C	C	C			
SJR at Crows Landing													
State Water Resources Control Board	SWAMP	SPoT	535STC504	Ongoing									
SJR near Crows Landing													
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SCL	Ongoing	C	C			C				
SJR, 1800 ft. above Discharge Point 001													
City of Turlock WQCF	NPDES	NPDES SMP	RSW-001	Ongoing	W/M	W	W	W/M	W/M	W			
SJR, DS of Discharge Point 001 and 50 ft. above confluence with Harding Drain													
City of Turlock WQCF	NPDES	NPDES SMP	RSW-002	Ongoing	W	W	W	W	W	W			
SJR, US at West Main Bridge													
City of Modesto WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	C	W	W	W	W	W		M	
SJR near Patterson													
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJP	Ongoing	C	C	C	C	C	C			
SJR at PID Pumps													

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
Westside SJR Watershed Coalition	ILRP	WDR	SJRPP	Ongoing	O	O	O	O	O	O	O		
SJR, DS at Laird Park													
City of Modesto WWCF	NPDES	NPDES SMP	RSW-004	Ongoing		W	W	W	W	W		M	
SJR, 500 ft. from Discharge Point													
City of Modesto WWCF	NPDES	NPDES SMP	RSW-002	Ongoing		W	W	W	W	W		M	
SJR, 1 mile DS from Discharge Point													
City of Modesto WWCF	NPDES	NPDES SMP	RSW-003	Ongoing		W	W	W	W	W		M	
SJR above Maze Boulevard													
East SJ Water Quality Coalition	ILRP	WDR	541STC510	Ongoing									
SJR at Maze Rd Bridge													
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	MRB	Ongoing	C	C	C	C	C	C			
SJR at Vernalis													
USBR	Surface Water Monitoring	Surface Water Monitoring	VER	Ongoing		D			D				
SJR at Airport Way													
East SJ Water Quality Coalition	ILRP	WDR	541SJC501	Ongoing									

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
State Water Resources Control Board	SWAMP	SPoT	541SJC501	Ongoing									
SJR near Vernalis													
USGS	NAWQA	NAWQA	11303500	Ongoing	D	D			D				
DWR	MWQI	MWQI	VERNALIS	Ongoing		BW				BW			
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	VNS	Ongoing	C				C				
SJR near Vernalis at SJR Club													
DWR	IEP	EMP: Discrete Water Quality Sampling	C10A	Ongoing		M	M	M	M	M			
DWR	IEP	EMP: Real Time Monitoring	C10A	Ongoing	C	C	C	C	C	C			
SJR McCune Station nr Vernalis													
DWR	Continuous Recording Station	Continuous Recording Station	SJR	Ongoing	C	C	C	C	C	C			
SJR, mid-stream approx. 100 ft. S of Discharge Point 001													
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-001	Ongoing	M	BW/ M	BW	BW/ M	BW/M	BW			

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
SJR, mid-stream approx. 500 ft. N of Discharge Point 001													
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-002	Ongoing		BW	BW	BW	BW	BW			
SJR at Mossdale Bridge (DWR's monitoring station)													
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-003	Ongoing	C								
DWR	IEP	EMP: Real Time Monitoring	C7A	Ongoing	C	C	C	C	C	C			
SJR below Old River near Lathrop													
DWR	Continuous Recording Stations	Continuous Recording Stations	SJL	Ongoing		C			C				
SJR above Dos Reis													
DWR	Continuous Recording Stations	Continuous Recording Stations	SJD	Ongoing	C	C			C				
SJR at Bowman Rd., 8.0 miles S of Discharge Point 001													
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	BM	W/BM	W	W/BM	W/BM	W			
SJR at Brandt Bridge													
DWR	Continuous Recording Station	Continuous Recording Station	BDT	Ongoing	C	C	C	C	C	C			
SJR at Hwy 4, 0.5 miles S of Discharge Point 001													

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002	Ongoing		W	W	W	W	W			
SJR at Garwood Bridge													
USGS	Delta Flows Network	Delta Flows Network	11304810		C								
DWR	Continuous Recording Station	Continuous Recording Station	SJG	Ongoing	C	C			C	C			
SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge													
Stockton Port District Facility	NPDES	NPDES SMP	R-1	Ongoing		O	O	O	O	O	O	O	
SJR, Flow Monitoring Station location approx. 500 ft. S of Discharge Point 001													
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001A	Ongoing	C								
SJR at Burns Cutoff, 0.5 miles N of Discharge Point 001													
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002A	Ongoing		W	W	W	W	W			
SJR at Deep Water Channel, 1.5 miles N of Discharge Point 001													
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-003	Ongoing		W	W	W	W	W			
SJR at Rough and Ready Island													
DWR	IEP	EMP: Real Time Monitoring	P8A	Ongoing	C	C	C	C	C	C			
SJR at Buckley Cove													

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
DWR	IEP	EMP: Discrete Water Quality Sampling	P8	Ongoing		M	M	M	M	M			
SJR at Juggler's Island, approx. 6.4 miles DS from the outfall from the storm drain system													
Lincoln Center Environmental Remedial Trust	NPDES	NPDES SMP	RSW-004	Ongoing	Q	Q		Q	Q				
SJR at West Neugerbauer Rd													
SJ County and Delta Coalition	ILRP	WDR	544SJCAWN	Ongoing									
City of Stockton Intake													
City of Stockton	DDW Regulated Monitoring	Title 22 Source Water Monitoring	Intake	Ongoing		A		A		A			
SJR at Prisoner's Point near terminous													
USGS	Delta Flows Network	Delta Flows Network	PRI	Ongoing	D								
DWR	Continuous Recording Station	Continuous Recording Station	PRI	Ongoing	C	C			C	C			
SJR at Prisoner's Point													
DWR	IEP	EMP: Real Time Monitoring	D29	Ongoing		C	C	C	C	C			
SJR at Potato Point													

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
DWR	IEP	EMP: Discrete Water Quality Sampling	D26	Ongoing		M	M	M	M	M			
SJR at Twitchell Island													
DWR	IEP	EMP: Discrete Water Quality Sampling	D16	Ongoing		M	M	M	M	M			
DWR	IEP	EMP: Real Time Monitoring	D16	Ongoing		C	C	C	C	C			
SJR, approx. 7 miles US of Discharge Point 001													
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-001	Ongoing	Q	Q		Q	Q				
SJR at Jersey Point, USBR Monitoring Location													
USGS	Delta Flows Network	Delta Flows Network	SJJ	Ongoing	C	C	C		C	C			
USBR	Continuous Recording Stations	Continuous Recording Stations	JER	Ongoing		C			C	C			
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-002	Ongoing					M				
SJR at Antioch Water Works													
DWR	IEP	EMP: Real Time Monitoring	D12A	Ongoing		C	C	C	C	C			
SJR													

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Table D - 3 Field & Bacteria/Pathogens

SITE INFORMATION					FIELD						BACTERIA		
Site Name			**Site ID**	**Project Term**	**Flow (cfs)**	**EC**	**DO**	**pH**	**Temp**	**Turbidity**	***E. coli***	**Total fecal coliforms**	**Bacteria (General)**
Agency	**Program**	**Monitoring Plan**											
SFEI	SFEI Regional Monitoring	RMP for Water Quality in the SF Estuary	BG30	Ongoing		M	M		M				
SJR at Antioch Ship Channel													
DWR	IEP	EMP: Discrete Water Quality Sampling	D12A	Ongoing		M	M	M	M	M			

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
SJR at Sack Dam																
Westside SJR Watershed Coalition	ILRP	WDR	SJRSD	Ongoing, SS				O		O						
SJR near Dos Palos																
DWR	Continuous Recording Station	Continuous Recording Station	SDP	Ongoing												
SJR near Washington Road																
DWR	Continuous Recording Station	Continuous Recording Station	SWA	Ongoing												
Salt Slough at Sand Dam																
Westside SJR Watershed Coalition	ILRP	WDR	SSASD	Ongoing, SS				O[A]		TBD					O[A]	
Salt Slough at Lander/Hwy 165																
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SSH	Ongoing												
DCRT	GBP	WDR/Various GBP Plans	541MER531	Ongoing						D						
Westside SJR Watershed Coalition	ILRP	WDR	SSALA	Ongoing, SS				O[A]		TBD					O[A]	
SJR near Stevinson																

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJS	Ongoing												
SJR at Lander Ave																
Westside SJR Watershed Coalition	ILRP	WDR	SJRLA	Ongoing, SS				O[A]		TBD					O[A]	
State Water Resources Control Board	SWAMP	SPoT	541MER522	Ongoing											O	
SJR at Fremont Ford																
DCRT	GBP	GBP/Various Studies	541MER538	Ongoing						D/WR						
USGS	Surface Water Monitoring	Surface Water Monitoring	FFB	Ongoing												
SJR at Hills Ferry																
East SJ Water Quality Coalition	ILRP	WDR	541STC512	Ongoing												
SJR near Newman																
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	NEW	Ongoing												
SJR above Merced River near Newman CA																

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
USGS	Surface Water Monitoring	Surface Water Monitoring	11274000	Ongoing						W						
SJR at Crows Landing																
State Water Resources Control Board	SWAMP	SPoT	535STC504	Ongoing											O	
SJR near Crows Landing																
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SCL	Ongoing												
SJR, 1800 ft. above Discharge Point 001																
City of Turlock WQCF	NPDES	NPDES SMP	RSW-001	Ongoing			M		M	M		M		M		
SJR, DS of Discharge Point 001 and 50 ft. above confluence with Harding Drain																
City of Turlock WQCF	NPDES	NPDES SMP	RSW-002	Ongoing												
SJR, US at West Main Bridge																
City of Modesto WWCF	NPDES	NPDES SMP	RSW-001	Ongoing			M		M^P			M^P		M^P		
SJR near Patterson																

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJP	Ongoing												
SJR at PID Pumps																
Westside SJR Watershed Coalition	ILRP	WDR	SJRPP	Ongoing				O		O						
SJR, DS at Laird Park																
City of Modesto WWCF	NPDES	NPDES SMP	RSW-004	Ongoing			M									
SJR, 500 ft. from Discharge Point																
City of Modesto WWCF	NPDES	NPDES SMP	RSW-002	Ongoing			M									
SJR, 1 mile DS from Discharge Point																
City of Modesto WWCF	NPDES	NPDES SMP	RSW-003	Ongoing			M									
SJR above Maze Boulevard																
East SJ Water Quality Coalition	ILRP	WDR	541STC510	Ongoing												
SJR at Maze Rd Bridge																

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	MRB	Ongoing												
SJR at Vernalis																
USBR	Surface Water Monitoring	Surface Water Monitoring	VER	Ongoing												
SJR at Airport Way																
East SJ Water Quality Coalition	ILRP	WDR	541SJC501	Ongoing												
State Water Resources Control Board	SWAMP	SPoT	541SJC501	Ongoing											O	
SJR near Vernalis																
USGS	NAWQA	NAWQA	11303500	Ongoing												
DWR	MWQI	MWQI	VERNALIS	Ongoing		BW	BW		C		BW	C		C	BW/C	BW/C
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	VNS	Ongoing												
SJR near Vernalis at SJR Club																
DWR	IEP	EMP: Discrete Water Quality Sampling	C10A	Ongoing			M	M	M						M	M

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
DWR	IEP	EMP: Real Time Monitoring	C10A	Ongoing												
SJR McCune Station nr Vernalis																
DWR	Continuous Recording Station	Continuous Recording Station	SJR	Ongoing												
SJR, mid-stream approx. 100 ft. S of Discharge Point 001																
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-001	Ongoing			Q/M		M	M				M		
SJR, mid-stream approx. 500 ft. N of Discharge Point 001																
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-002	Ongoing			Q									
SJR at Mossdale Bridge (DWR's monitoring station)																
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-003	Ongoing												
DWR	IEP	EMP: Real Time Monitoring	C7A	Ongoing												
SJR below Old River near Lathrop																
DWR	Continuous Recording Stations	Continuous Recording Stations	SJL	Ongoing												

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
SJR above Dos Reis																
DWR	Continuous Recording Stations	Continuous Recording Stations	SJD	Ongoing												
SJR at Bowman Rd., 8.0 miles S of Discharge Point 001																
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001	Ongoing			BM		BM	BM		BM		BM	BM	BM
SJR at Brandt Bridge																
DWR	Continuous Recording Station	Continuous Recording Station	BDT	Ongoing												
SJR at Hwy 4, 0.5 miles S of Discharge Point 001																
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002	Ongoing												
SJR at Garwood Bridge																
USGS	Delta Flows Network	Delta Flows Network	11304810													
DWR	Continuous Recording Station	Continuous Recording Station	SJG	Ongoing												
SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge																
Stockton Port District Facility	NPDES	NPDES SMP	R-1	Ongoing			O	O						O		
SJR, Flow Monitoring Station location approx. 500 ft. S of Discharge Point 001																
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001A	Ongoing												

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
SJR at Burns Cutoff, 0.5 miles N of Discharge Point 001																
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002A	Ongoing												
SJR at Deep Water Channel, 1.5 miles N of Discharge Point 001																
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-003	Ongoing												
SJR at Rough and Ready Island																
DWR	IEP	EMP: Real Time Monitoring	P8A	Ongoing												
SJR at Buckley Cove																
DWR	IEP	EMP: Discrete Water Quality Sampling	P8	Ongoing			M	M	M						M	M
SJR at Juggler's Island, approx. 6.4 miles DS from the outfall from the storm drain system																
Lincoln Center Environmental Remedial Trust	NPDES	NPDES SMP	RSW-004	Ongoing			Q		Q	Q		Q		Q		
SJR at West Neugerbauer Rd																
SJ County and Delta Coalition	ILRP	WDR	544SJCAWN	Ongoing												
City of Stockton Intake																
City of Stockton	DDW Regulated Monitoring	Title 22 Source Water Monitoring	Intake	Ongoing			A		A		A	A	A	A		
SJR at Prisoner's Point near terminous																

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
USGS	Delta Flows Network	Delta Flows Network	PRI	Ongoing												
DWR	Continuous Recording Station	Continuous Recording Station	PRI	Ongoing												
SJR at Prisoner's Point																
DWR	IEP	EMP: Real Time Monitoring	D29	Ongoing												
SJR at Potato Point																
DWR	IEP	EMP: Discrete Water Quality Sampling	D26	Ongoing			M	M	M						M	M
SJR at Twitchell Island																
DWR	IEP	EMP: Discrete Water Quality Sampling	D16	Ongoing												
DWR	IEP	EMP: Real Time Monitoring	D16	Ongoing												
SJR, approx. 7 miles US of Discharge Point 001																
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-001	Ongoing			Q		Q	Q		Q		Q	Q	Q
SJR at Jersey Point, USBR Monitoring Location																
USGS	Delta Flows Network	Delta Flows Network	SJJ	Ongoing												
USBR	Continuous Recording Stations	Continuous Recording Stations	JER	Ongoing												

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Table D - 4 General Chemistry & Organic Carbon

SITE INFORMATION					GENERAL CHEMISTRY										ORGANIC CARBON	
Site Name			**Site ID**	**Project Term**	**Alkalinity**	**UV (ABS 254 NM)**	**TDS**	**TSS**	**Cl**	**B**	**Na**	**Fl**	**ClO 4-**	**SO4**	**TOC**	**DOC**
Agency	**Program**	**Monitoring Plan**														
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-002	Ongoing												
SJR at Antioch Water Works																
DWR	IEP	EMP: Real Time Monitoring	D12A	Ongoing												
SJR																
SFEI	SFEI Regional Monitoring	RMP for Water Quality in the SF Estuary	BG30	Ongoing				C							4X	BE
SJR at Antioch Ship Channel																
DWR	IEP	EMP: Discrete Water Quality Sampling	D12A	Ongoing												

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag (Total)**	**Ag (Diss)**	**Al (Total)**	**Al (Diss)**	**As (Total)**	**As (Diss)**	**Ba (Total)**	**Ba (Diss)**	**Be (Total)**	**Be (Diss)**	**Br (Total)**	**Br (Diss)**	**Cd (Total)**	**Cd (Diss)**	**Co (Total)**	**Co (Diss)**
Agency	**Program**	**Monitoring Plan**																		
SJR at Sack Dam																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRSD	Ongoing, SS																
SJR near Dos Palos																				
DWR	Continuous Recording Station	Continuous Recording Station	SDP	Ongoing																
SJR near Washington Road																				
DWR	Continuous Recording Station	Continuous Recording Station	SWA	Ongoing																
Salt Slough at Sand Dam																				
Westside SJR Watershed Coalition	ILRP	WDR	SSASD	Ongoing, SS					TBD									TBD		
Salt Slough at Lander/Hwy 165																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SSH	Ongoing																
DCRT	GBP	WDR/Various GBP Plans	541MER531	Ongoing																

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag** (Total)	**Ag** (Diss)	**Al** (Total)	**Al** (Diss)	**As** (Total)	**As** (Diss)	**Ba** (Total)	**Ba** (Diss)	**Be** (Total)	**Be** (Diss)	**Br** (Total)	**Br** (Diss)	**Cd** (Total)	**Cd** (Diss)	**Co** (Total)	**Co** (Diss)
Agency	**Program**	**Monitoring Plan**																		
Westside SJR Watershed Coalition	ILRP	WDR	SSALA	Ongoing, SS					TBD									TBD		
SJR near Stevinson																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJS	Ongoing																
SJR at Lander Ave																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRLA	Ongoing, SS					TBD									TBD		
State Water Resources Control Board	SWAMP	SPoT	541MER522	Ongoing	O		O		O								O			
SJR at Fremont Ford																				
DCRT	GBP	GBP/Various Studies	541MER538	Ongoing																
USGS	Surface Water Monitoring	Surface Water Monitoring	FFB	Ongoing																
SJR at Hills Ferry																				

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag (Total)**	**Ag (Diss)**	**Al (Total)**	**Al (Diss)**	**As (Total)**	**As (Diss)**	**Ba (Total)**	**Ba (Diss)**	**Be (Total)**	**Be (Diss)**	**Br (Total)**	**Br (Diss)**	**Cd (Total)**	**Cd (Diss)**	**Co (Total)**	**Co (Diss)**
Agency	**Program**	**Monitoring Plan**																		
East SJ Water Quality Coalition	ILRP	WDR	541STC512	Ongoing																
SJR near Newman																				
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	NEW	Ongoing																
SJR above Merced River near Newman CA																				
USGS	Surface Water Monitoring	Surface Water Monitoring	11274000	Ongoing																
SJR at Crows Landing																				
State Water Resources Control Board	SWAMP	SPoT	535STC504	Ongoing	O		O		O								O			
SJR near Crows Landing																				
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SCL	Ongoing																

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag (Total)**	**Ag (Diss)**	**Al (Total)**	**Al (Diss)**	**As (Total)**	**As (Diss)**	**Ba (Total)**	**Ba (Diss)**	**Be (Total)**	**Be (Diss)**	**Br (Total)**	**Br (Diss)**	**Cd (Total)**	**Cd (Diss)**	**Co (Total)**	**Co (Diss)**
Agency	**Program**	**Monitoring Plan**																		
SJR, 1800 ft. above Discharge Point 001																				
City of Turlock WQCF	NPDES	NPDES SMP	RSW-001	Ongoing	M		M		M		M		M				M			
SJR, DS of Discharge Point 001 and 50 ft. above confluence with Harding Drain																				
City of Turlock WQCF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR, US at West Main Bridge																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	M^P		M^P		M^P		M^P		M^P				M^P			
SJR near Patterson																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJP	Ongoing																
SJR at PID Pumps																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRPP	Ongoing																

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag (Total)**	**Ag (Diss)**	**Al (Total)**	**Al (Diss)**	**As (Total)**	**As (Diss)**	**Ba (Total)**	**Ba (Diss)**	**Be (Total)**	**Be (Diss)**	**Br (Total)**	**Br (Diss)**	**Cd (Total)**	**Cd (Diss)**	**Co (Total)**	**Co (Diss)**
Agency	**Program**	**Monitoring Plan**																		
SJR, DS at Laird Park																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-004	Ongoing																
SJR, 500 ft. from Discharge Point																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR, 1 mile DS from Discharge Point																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-003	Ongoing																
SJR above Maze Boulevard																				
East SJ Water Quality Coalition	ILRP	WDR	541STC510	Ongoing																
SJR at Maze Rd Bridge																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	MRB	Ongoing																
SJR at Vernalis																				

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag** (Total)	**Ag** (Diss)	**Al** (Total)	**Al** (Diss)	**As** (Total)	**As** (Diss)	**Ba** (Total)	**Ba** (Diss)	**Be** (Total)	**Be** (Diss)	**Br** (Total)	**Br** (Diss)	**Cd** (Total)	**Cd** (Diss)	**Co** (Total)	**Co** (Diss)
Agency	**Program**	**Monitoring Plan**																		
USBR	Surface Water Monitoring	Surface Water Monitoring	VER	Ongoing																
SJR at Airport Way																				
East SJ Water Quality Coalition	ILRP	WDR	541SJC501	Ongoing																
State Water Resources Control Board	SWAMP	SPoT	541SJC501	Ongoing	O		O		O								O			
SJR near Vernalis																				
USGS	NAWQA	NAWQA	11303500	Ongoing																
DWR	MWQI	MWQI	VERNALIS	Ongoing											BW/C					
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	VNS	Ongoing																
SJR near Vernalis at SJR Club																				

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag** (Total)	**Ag** (Diss)	**Al** (Total)	**Al** (Diss)	**As** (Total)	**As** (Diss)	**Ba** (Total)	**Ba** (Diss)	**Be** (Total)	**Be** (Diss)	**Br** (Total)	**Br** (Diss)	**Cd** (Total)	**Cd** (Diss)	**Co** (Total)	**Co** (Diss)
Agency	**Program**	**Monitoring Plan**																		
DWR	IEP	EMP: Discrete Water Quality Sampling	C10A	Ongoing																
DWR	IEP	EMP: Real Time Monitoring	C10A	Ongoing																
SJR McCune Station nr Vernalis																				
DWR	Continuous Recording Station	Continuous Recording Station	SJR	Ongoing																
SJR, mid-stream approx. 100 ft. S of Discharge Point 001																				
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-001	Ongoing	M		M		M		M		M				M			
SJR, mid-stream approx. 500 ft. N of Discharge Point 001																				
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR at Mossdale Bridge (DWR's monitoring station)																				

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag** (Total)	**Ag** (Diss)	**Al** (Total)	**Al** (Diss)	**As** (Total)	**As** (Diss)	**Ba** (Total)	**Ba** (Diss)	**Be** (Total)	**Be** (Diss)	**Br** (Total)	**Br** (Diss)	**Cd** (Total)	**Cd** (Diss)	**Co** (Total)	**Co** (Diss)
Agency	**Program**	**Monitoring Plan**																		
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-003	Ongoing																
DWR	IEP	EMP: Real Time Monitoring	C7A	Ongoing																
SJR below Old River near Lathrop																				
DWR	Continuous Recording Stations	Continuous Recording Stations	SJL	Ongoing																
SJR above Dos Reis																				
DWR	Continuous Recording Stations	Continuous Recording Stations	SJD	Ongoing																
SJR at Bowman Rd., 8.0 miles S of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	BM		BM		BM		BM		BM				BM			
SJR at Brandt Bridge																				
DWR	Continuous Recording Station	Continuous Recording Station	BDT	Ongoing																
SJR at Hwy 4, 0.5 miles S of Discharge Point 001																				

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag** (Total)	**Ag** (Diss)	**Al** (Total)	**Al** (Diss)	**As** (Total)	**As** (Diss)	**Ba** (Total)	**Ba** (Diss)	**Be** (Total)	**Be** (Diss)	**Br** (Total)	**Br** (Diss)	**Cd** (Total)	**Cd** (Diss)	**Co** (Total)	**Co** (Diss)
Agency	**Program**	**Monitoring Plan**																		
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR at Garwood Bridge																				
USGS	Delta Flows Network	Delta Flows Network	11304810																	
DWR	Continuous Recording Station	Continuous Recording Station	SJG	Ongoing																
SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge																				
Stockton Port District Facility	NPDES	NPDES SMP	R-1	Ongoing	O		O		O		O		O				O		O	
SJR, Flow Monitoring Station location approx. 500 ft. S of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001A	Ongoing																
SJR at Burns Cutoff, 0.5 miles N of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002A	Ongoing																
SJR at Deep Water Channel, 1.5 miles N of Discharge Point 001																				

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag** (Total)	**Ag** (Diss)	**Al** (Total)	**Al** (Diss)	**As** (Total)	**As** (Diss)	**Ba** (Total)	**Ba** (Diss)	**Be** (Total)	**Be** (Diss)	**Br** (Total)	**Br** (Diss)	**Cd** (Total)	**Cd** (Diss)	**Co** (Total)	**Co** (Diss)
Agency	**Program**	**Monitoring Plan**																		
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-003	Ongoing																
SJR at Rough and Ready Island																				
DWR	IEP	EMP: Real Time Monitoring	P8A	Ongoing																
SJR at Buckley Cove																				
DWR	IEP	EMP: Discrete Water Quality Sampling	P8	Ongoing																
SJR at Juggler's Island, approx. 6.4 miles DS from the outfall from the storm drain system																				
Lincoln Center Environmental Remedial Trust	NPDES	NPDES SMP	RSW-004	Ongoing	Q		Q		Q		Q		Q				Q			
SJR at West Neugerbauer Rd																				
SJ County and Delta Coalition	ILRP	WDR	544SJCAWN	Ongoing																
City of Stockton Intake																				

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag** (Total)	**Ag** (Diss)	**Al** (Total)	**Al** (Diss)	**As** (Total)	**As** (Diss)	**Ba** (Total)	**Ba** (Diss)	**Be** (Total)	**Be** (Diss)	**Br** (Total)	**Br** (Diss)	**Cd** (Total)	**Cd** (Diss)	**Co** (Total)	**Co** (Diss)
Agency	**Program**	**Monitoring Plan**																		
City of Stockton	DDW Regulated Monitoring	Title 22 Source Water Monitoring	Intake	Ongoing	A		A		A		A		A				A			
SJR at Prisoner's Point near terminous																				
USGS	Delta Flows Network	Delta Flows Network	PRI	Ongoing																
DWR	Continuous Recording Station	Continuous Recording Station	PRI	Ongoing																
SJR at Prisoner's Point																				
DWR	IEP	EMP: Real Time Monitoring	D29	Ongoing																
SJR at Potato Point																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D26	Ongoing																
SJR at Twitchell Island																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D16	Ongoing																

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag** (Total)	**Ag** (Diss)	**Al** (Total)	**Al** (Diss)	**As** (Total)	**As** (Diss)	**Ba** (Total)	**Ba** (Diss)	**Be** (Total)	**Be** (Diss)	**Br** (Total)	**Br** (Diss)	**Cd** (Total)	**Cd** (Diss)	**Co** (Total)	**Co** (Diss)
Agency	**Program**	**Monitoring Plan**																		
DWR	IEP	EMP: Real Time Monitoring	D16	Ongoing																
SJR, approx. 7 miles US of Discharge Point 001																				
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-001	Ongoing	Q		Q		Q		Q		Q				Q			
SJR at Jersey Point, USBR Monitoring Location																				
USGS	Delta Flows Network	Delta Flows Network	SJJ	Ongoing																
USBR	Continuous Recording Stations	Continuous Recording Stations	JER	Ongoing																
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR at Antioch Water Works																				
DWR	IEP	EMP: Real Time Monitoring	D12A	Ongoing																
SJR																				

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Table D - 5 Metals & Trace Elements Part I

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Ag (Total)**	**Ag (Diss)**	**Al (Total)**	**Al (Diss)**	**As (Total)**	**As (Diss)**	**Ba (Total)**	**Ba (Diss)**	**Be (Total)**	**Be (Diss)**	**Br (Total)**	**Br (Diss)**	**Cd (Total)**	**Cd (Diss)**	**Co (Total)**	**Co (Diss)**
Agency	**Program**	**Monitoring Plan**																		
SFEI	SFEI Regional Monitoring	RMP for Water Quality in the SF Estuary	BG30	Ongoing	BE/4 X		BE/4 X		BE/4 X								BE/4 X		BE	
SJR at Antioch Ship Channel																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D12A	Ongoing																

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
SJR at Sack Dam																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRSD	Ongoing, SS						O										
SJR near Dos Palos																				
DWR	Continuous Recording Station	Continuous Recording Station	SDP	Ongoing																
SJR near Washington Road																				
DWR	Continuous Recording Station	Continuous Recording Station	SWA	Ongoing																
Salt Slough at Sand Dam																				
Westside SJR Watershed Coalition	ILRP	WDR	SSASD	Ongoing, SS						TBD										
Salt Slough at Lander/Hwy 165																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SSH	Ongoing																
DCRT	GBP	WDR/Various GBP Plans	541MER531	Ongoing																

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
Westside SJR Watershed Coalition	ILRP	WDR	SSALA	Ongoing, SS						TBD										
SJR near Stevinson																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJS	Ongoing																
SJR at Lander Ave																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRLA	Ongoing, SS						TBD										
State Water Resources Control Board	SWAMP	SPoT	541MER522	Ongoing		O			O					O					O	
SJR at Fremont Ford																				
DCRT	GBP	GBP/Various Studies	541MER538	Ongoing																
USGS	Surface Water Monitoring	Surface Water Monitoring	FFB	Ongoing																
SJR at Hills Ferry																				

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
East SJ Water Quality Coalition	ILRP	WDR	541STC512	Ongoing																
SJR near Newman																				
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	NEW	Ongoing																
SJR above Merced River near Newman CA																				
USGS	Surface Water Monitoring	Surface Water Monitoring	11274000	Ongoing																
SJR at Crows Landing																				
State Water Resources Control Board	SWAMP	SPoT	535STC504	Ongoing		O			O					O					O	
SJR near Crows Landing																				
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SCL	Ongoing																
SJR, 1800 ft. above Discharge Point 001																				

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
City of Turlock WQCF	NPDES	NPDES SMP	RSW-001	Ongoing	M			M	M		M		M	M					M	
SJR, DS of Discharge Point 001 and 50 ft. above confluence with Harding Drain																				
City of Turlock WQCF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR, US at West Main Bridge																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	M^P			M^P	M^P		M^P			M^P					M^P	
SJR near Patterson																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJP	Ongoing																
SJR at PID Pumps																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRPP	Ongoing						O										
SJR, DS at Laird Park																				

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
City of Modesto WWCF	NPDES	NPDES SMP	RSW-004	Ongoing																
SJR, 500 ft. from Discharge Point																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR, 1 mile DS from Discharge Point																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-003	Ongoing																
SJR above Maze Boulevard																				
East SJ Water Quality Coalition	ILRP	WDR	541STC510	Ongoing																
SJR at Maze Rd Bridge																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	MRB	Ongoing																
SJR at Vernalis																				

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
USBR	Surface Water Monitoring	Surface Water Monitoring	VER	Ongoing																
SJR at Airport Way																				
East SJ Water Quality Coalition	ILRP	WDR	541SJC501	Ongoing																
State Water Resources Control Board	SWAMP	SPoT	541SJC501	Ongoing		O			O					O					O	
SJR near Vernalis																				
USGS	NAWQA	NAWQA	11303500	Ongoing																
DWR	MWQI	MWQI	VERNALIS	Ongoing																
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	VNS	Ongoing																
SJR near Vernalis at SJR Club																				
DWR	IEP	EMP: Discrete Water Quality Sampling	C10A	Ongoing																

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
DWR	IEP	EMP: Real Time Monitoring	C10A	Ongoing																
SJR McCune Station nr Vernalis																				
DWR	Continuous Recording Station	Continuous Recording Station	SJR	Ongoing																
SJR, mid-stream approx. 100 ft. S of Discharge Point 001																				
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-001	Ongoing	M			M	M		M		M	M					M	
SJR, mid-stream approx. 500 ft. N of Discharge Point 001																				
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR at Mossdale Bridge (DWR's monitoring station)																				
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-003	Ongoing																

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
DWR	IEP	EMP: Real Time Monitoring	C7A	Ongoing																
SJR below Old River near Lathrop																				
DWR	Continuous Recording Stations	Continuous Recording Stations	SJL	Ongoing																
SJR above Dos Reis																				
DWR	Continuous Recording Stations	Continuous Recording Stations	SJD	Ongoing																
SJR at Bowman Rd., 8.0 miles S of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	BM			B M	BM		BM		BM	BM					BM	
SJR at Brandt Bridge																				
DWR	Continuous Recording Station	Continuous Recording Station	BDT	Ongoing																
SJR at Hwy 4, 0.5 miles S of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002	Ongoing																

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
SJR at Garwood Bridge																				
USGS	Delta Flows Network	Delta Flows Network	11304810																	
DWR	Continuous Recording Station	Continuous Recording Station	SJG	Ongoing																
SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge																				
Stockton Port District Facility	NPDES	NPDES SMP	R-1	Ongoing		O		O	O				O	O						
SJR, Flow Monitoring Station location approx. 500 ft. S of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001A	Ongoing																
SJR at Burns Cutoff, 0.5 miles N of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002A	Ongoing																
SJR at Deep Water Channel, 1.5 miles N of Discharge Point 001																				

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-003	Ongoing																
SJR at Rough and Ready Island																				
DWR	IEP	EMP: Real Time Monitoring	P8A	Ongoing																
SJR at Buckley Cove																				
DWR	IEP	EMP: Discrete Water Quality Sampling	P8	Ongoing																
SJR at Juggler's Island, approx. 6.4 miles DS from the outfall from the storm drain system																				
Lincoln Center Environmental Remedial Trust	NPDES	NPDES SMP	RSW-004	Ongoing	Q	Q		Q	Q		Q			Q					Q	
SJR at West Neugerbauer Rd																				
SJ County and Delta Coalition	ILRP	WDR	544SJCAWN	Ongoing																

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
City of Stockton Intake																				
City of Stockton	DDW Regulated Monitoring	Title 22 Source Water Monitoring	Intake	Ongoing		A		A	A		A			A					A	
SJR at Prisoner's Point near terminous																				
USGS	Delta Flows Network	Delta Flows Network	PRI	Ongoing																
DWR	Continuous Recording Station	Continuous Recording Station	PRI	Ongoing																
SJR at Prisoner's Point																				
DWR	IEP	EMP: Real Time Monitoring	D29	Ongoing																
SJR at Potato Point																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D26	Ongoing																
SJR at Twitchell Island																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D16	Ongoing																

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
DWR	IEP	EMP: Real Time Monitoring	D16	Ongoing																
SJR, approx. 7 miles US of Discharge Point 001																				
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-001	Ongoing	Q			Q	Q		Q		Q	Q					Q	
SJR at Jersey Point, USBR Monitoring Location																				
USGS	Delta Flows Network	Delta Flows Network	SJJ	Ongoing																
USBR	Continuous Recording Stations	Continuous Recording Stations	JER	Ongoing																
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR at Antioch Water Works																				
DWR	IEP	EMP: Real Time Monitoring	D12A	Ongoing																
SJR																				

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Table D - 6 Metals & Trace Elements Part II

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**CN-**	**Cr (Total)**	**Cr (Diss)**	**Cr (VI)**	**Cu (Total)**	**Cu (Diss)**	**Fe (Total)**	**Fe (Diss)**	**Hg (methyl)**	**Hg (Total)**	**Hg (Diss)**	**K (Total)**	**Li (Total)**	**Li (Diss)**	**Mn (Total)**	**Mn (Diss)**
Agency	**Program**	**Monitoring Plan**																		
SFEI	SFEI Regional Monitoring	RMP for Water Quality in the SF Estuary	BG30	Ongoing	BE				BE/4 X		BE/4 X		BE/4 X	BE/4 X					BE/4 X	
SJR at Antioch Ship Channel																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D12A	Ongoing																

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
SJR at Sack Dam																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRSD	Ongoing, SS				O												O
SJR near Dos Palos																				
DWR	Continuous Recording Station	Continuous Recording Station	SDP	Ongoing																
SJR near Washington Road																				
DWR	Continuous Recording Station	Continuous Recording Station	SWA	Ongoing																
Salt Slough at Sand Dam																				
Westside SJR Watershed Coalition	ILRP	WDR	SSASD	Ongoing, SS	TBD			TBD		TBD			TBD							TBD
Salt Slough at Lander/Hwy 165																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SSH	Ongoing																
DCRT	GBP	WDR/Various GBP Plans	541MER531	Ongoing	D								D							

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
Westside SJR Watershed Coalition	ILRP	WDR	SSALA	Ongoing, SS	TBD			TBD		TBD			TBD							TBD
SJR near Stevinson																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJS	Ongoing																
SJR at Lander Ave																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRLA	Ongoing, SS	TBD			TBD		TBD			TBD							TBD
State Water Resources Control Board	SWAMP	SPoT	541MER522	Ongoing			O		O										O	
SJR at Fremont Ford																				
DCRT	GBP	GBP/Various Studies	541MER538	Ongoing	M[R]								D/W[R]							
USGS	Surface Water Monitoring	Surface Water Monitoring	FFB	Ongoing																
SJR at Hills Ferry																				

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
East SJ Water Quality Coalition	ILRP	WDR	541STC512	Ongoing																
SJR near Newman																				
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	NEW	Ongoing																
SJR above Merced River near Newman CA																				
USGS	Surface Water Monitoring	Surface Water Monitoring	11274000	Ongoing									W							
SJR at Crows Landing																				
State Water Resources Control Board	SWAMP	SPoT	535STC504	Ongoing			O		O										O	
SJR near Crows Landing																				
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SCL	Ongoing																
SJR, 1800 ft. above Discharge Point 001																				

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
City of Turlock WQCF	NPDES	NPDES SMP	RSW-001	Ongoing	M		M		M		M		M				M		M	
SJR, DS of Discharge Point 001 and 50 ft. above confluence with Harding Drain																				
City of Turlock WQCF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR, US at West Main Bridge																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-001	Ongoing			M^P		M^P		M^P		M^P				M^P		M^P	
SJR near Patterson																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJP	Ongoing																
SJR at PID Pumps																				
Westside SJR Watershed Coalition	ILRP	WDR	SJRPP	Ongoing				O												O
SJR, DS at Laird Park																				

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
City of Modesto WWCF	NPDES	NPDES SMP	RSW-004	Ongoing																
SJR, 500 ft. from Discharge Point																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR, 1 mile DS from Discharge Point																				
City of Modesto WWCF	NPDES	NPDES SMP	RSW-003	Ongoing																
SJR above Maze Boulevard																				
East SJ Water Quality Coalition	ILRP	WDR	541STC510	Ongoing																
SJR at Maze Rd Bridge																				
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	MRB	Ongoing																
SJR at Vernalis																				
USBR	Surface Water Monitoring	Surface Water Monitoring	VER	Ongoing																

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
SJR at Airport Way																				
East SJ Water Quality Coalition	ILRP	WDR	541SJC501	Ongoing																
State Water Resources Control Board	SWAMP	SPoT	541SJC501	Ongoing			O		O										O	
SJR near Vernalis																				
USGS	NAWQA	NAWQA	11303500	Ongoing																
DWR	MWQI	MWQI	VERNALIS	Ongoing																
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	VNS	Ongoing																
SJR near Vernalis at SJR Club																				
DWR	IEP	EMP: Discrete Water Quality Sampling	C10A	Ongoing																
DWR	IEP	EMP: Real Time Monitoring	C10A	Ongoing																

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
SJR McCune Station nr Vernalis																				
DWR	Continuous Recording Station	Continuous Recording Station	SJR	Ongoing																
SJR, mid-stream approx. 100 ft. S of Discharge Point 001																				
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-001	Ongoing	M		M		M		M		M				M		M	
SJR, mid-stream approx. 500 ft. N of Discharge Point 001																				
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR at Mossdale Bridge (DWR's monitoring station)																				
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-003	Ongoing																
DWR	IEP	EMP: Real Time Monitoring	C7A	Ongoing																
SJR below Old River near Lathrop																				

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
DWR	Continuous Recording Stations	Continuous Recording Stations	SJL	Ongoing																
SJR above Dos Reis																				
DWR	Continuous Recording Stations	Continuous Recording Stations	SJD	Ongoing																
SJR at Bowman Rd., 8.0 miles S of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	BM		BM		BM		BM		BM				BM		BM	
SJR at Brandt Bridge																				
DWR	Continuous Recording Station	Continuous Recording Station	BDT	Ongoing																
SJR at Hwy 4, 0.5 miles S of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR at Garwood Bridge																				
USGS	Delta Flows Network	Delta Flows Network	11304810																	
DWR	Continuous Recording Station	Continuous Recording Station	SJG	Ongoing																
SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge																				

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
Stockton Port District Facility	NPDES	NPDES SMP	R-1	Ongoing			O		O		O		O				O		O	
SJR, Flow Monitoring Station location approx. 500 ft. S of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001A	Ongoing																
SJR at Burns Cutoff, 0.5 miles N of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002A	Ongoing																
SJR at Deep Water Channel, 1.5 miles N of Discharge Point 001																				
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-003	Ongoing																
SJR at Rough and Ready Island																				
DWR	IEP	EMP: Real Time Monitoring	P8A	Ongoing																
SJR at Buckley Cove																				

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
DWR	IEP	EMP: Discrete Water Quality Sampling	P8	Ongoing																
SJR at Juggler's Island, approx. 6.4 miles DS from the outfall from the storm drain system																				
Lincoln Center Environmental Remedial Trust	NPDES	NPDES SMP	RSW-004	Ongoing	Q		Q		Q		Q		Q				Q		Q	
SJR at West Neugerbauer Rd																				
SJ County and Delta Coalition	ILRP	WDR	544SJCAWN	Ongoing																
City of Stockton Intake																				
City of Stockton	DDW Regulated Monitoring	Title 22 Source Water Monitoring	Intake	Ongoing			A				A		A				A		A	
SJR at Prisoner's Point near terminous																				
USGS	Delta Flows Network	Delta Flows Network	PRI	Ongoing																
DWR	Continuous Recording Station	Continuous Recording Station	PRI	Ongoing																

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
SJR at Prisoner's Point																				
DWR	IEP	EMP: Real Time Monitoring	D29	Ongoing																
SJR at Potato Point																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D26	Ongoing																
SJR at Twitchell Island																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D16	Ongoing																
DWR	IEP	EMP: Real Time Monitoring	D16	Ongoing																
SJR, approx. 7 miles US of Discharge Point 001																				
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-001	Ongoing	Q		Q		Q		Q		Q				Q		Q	
SJR at Jersey Point, USBR Monitoring Location																				
USGS	Delta Flows Network	Delta Flows Network	SJJ	Ongoing																

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Table D - 7 Metals & Trace Elements Part III

SITE INFORMATION					METALS AND TRACE ELEMENTS															
Site Name			**Site ID**	**Project Term**	**Mo** (Total)	**Mo** (Diss)	**Ni** (Total)	**Ni** (Diss)	**Pb** (Total)	**Pb** (Diss)	**Sb** (Total)	**Sb** (Diss)	**Se** (Total)	**Se** (Diss)	**Sr** (Total)	**Sr** (Diss)	**Tl** (Total)	**Tl** (Diss)	**Zn** (Total)	**Zn** (Diss)
Agency	**Program**	**Monitoring Plan**																		
USBR	Continuous Recording Stations	Continuous Recording Stations	JER	Ongoing																
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-002	Ongoing																
SJR at Antioch Water Works																				
DWR	IEP	EMP: Real Time Monitoring	D12A	Ongoing																
SJR																				
SFEI	SFEI Regional Monitoring	RMP for Water Quality in the SF Estuary	BG30	Ongoing				BE/4 X	BE/4 X					BE/4 X						BE/4 X
SJR at Antioch Ship Channel																				
DWR	IEP	EMP: Discrete Water Quality Sampling	D12A	Ongoing																

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca** (Total)	**Ca** (Diss)	**Hardness As CaCO3**	**Mg** (Total)	**Mg** (Diss)	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phos phate**
Agency	**Program**	**Monitoring Plan**															
SJR at Sack Dam																	
Westside SJR Watershed Coalition	ILRP	WDR	SJRSD	Ongoing, SS				O									
SJR near Dos Palos																	
DWR	Continuous Recording Station	Continuous Recording Station	SDP	Ongoing													
SJR near Washington Road																	
DWR	Continuous Recording Station	Continuous Recording Station	SWA	Ongoing													
Salt Slough at Sand Dam																	
Westside SJR Watershed Coalition	ILRP	WDR	SSASD	Ongoing, SS				O[A]			O[A]		O[A]	O[A]			O[A]
Salt Slough at Lander/Hwy 165																	
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SSH	Ongoing													
DCRT	GBP	WDR/Various GBP Plans	541MER531	Ongoing													

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca** (Total)	**Ca** (Diss)	**Hardness As CaCO3**	**Mg** (Total)	**Mg** (Diss)	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phos phate**
Agency	**Program**	**Monitoring Plan**															
Westside SJR Watershed Coalition	ILRP	WDR	SSALA	Ongoing, SS				O^A			O^A		O^A	O^A			O^A
SJR near Stevinson																	
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJS	Ongoing													
SJR at Lander Ave																	
Westside SJR Watershed Coalition	ILRP	WDR	SJRLA	Ongoing, SS				O^A			O^A		O^A	O^A			O^A
State Water Resources Control Board	SWAMP	SPoT	541MER522	Ongoing	O												
SJR at Fremont Ford																	
DCRT	GBP	GBP/Various Studies	541MER538	Ongoing							M^R/BW		M^R/BW		M^R/BW	M^R/BW	M^R/BW
USGS	Surface Water Monitoring	Surface Water Monitoring	FFB	Ongoing													

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca (Total)**	**Ca (Diss)**	**Hardness As CaCO3**	**Mg (Total)**	**Mg (Diss)**	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phos phate**
Agency	**Program**	**Monitoring Plan**															
SJR at Hills Ferry																	
East SJ Water Quality Coalition	ILRP	WDR	541STC512	Ongoing													
SJR near Newman																	
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	NEW	Ongoing													
SJR above Merced River near Newman CA																	
USGS	Surface Water Monitoring	Surface Water Monitoring	11274000	Ongoing													
SJR at Crows Landing																	
State Water Resources Control Board	SWAMP	SPoT	535STC504	Ongoing	O												
SJR near Crows Landing																	
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SCL	Ongoing													
SJR, 1800 ft. above Discharge Point 001																	

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca** (Total)	**Ca** (Diss)	**Hardness As CaCO3**	**Mg** (Total)	**Mg** (Diss)	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phosphate**
Agency	**Program**	**Monitoring Plan**															
City of Turlock WQCF	NPDES	NPDES SMP	RSW-001	Ongoing	M			M/Q			M		M	M		M	
SJR, DS of Discharge Point 001 and 50 ft. above confluence with Harding Drain																	
City of Turlock WQCF	NPDES	NPDES SMP	RSW-002	Ongoing				Q			M						
SJR, US at West Main Bridge																	
City of Modesto WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	M^P			M			M^P		M^P	M^P		M^P	
SJR near Patterson																	
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJP	Ongoing													
SJR at PID Pumps																	
Westside SJR Watershed Coalition	ILRP	WDR	SJRPP	Ongoing				O									
SJR, DS at Laird Park																	

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca** (Total)	**Ca** (Diss)	**Hardness As CaCO3**	**Mg** (Total)	**Mg** (Diss)	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phos phate**
Agency	**Program**	**Monitoring Plan**															
City of Modesto WWCF	NPDES	NPDES SMP	RSW-004	Ongoing													
SJR, 500 ft. from Discharge Point																	
City of Modesto WWCF	NPDES	NPDES SMP	RSW-002	Ongoing													
SJR, 1 mile DS from Discharge Point																	
City of Modesto WWCF	NPDES	NPDES SMP	RSW-003	Ongoing													
SJR above Maze Boulevard																	
East SJ Water Quality Coalition	ILRP	WDR	541STC510	Ongoing													
SJR at Maze Rd Bridge																	
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	MRB	Ongoing													
SJR at Vernalis																	
USBR	Surface Water Monitoring	Surface Water Monitoring	VER	Ongoing													
SJR at Airport Way																	

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca (Total)**	**Ca (Diss)**	**Hardness As CaCO3**	**Mg (Total)**	**Mg (Diss)**	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phos phate**
Agency	**Program**	**Monitoring Plan**															
East SJ Water Quality Coalition	ILRP	WDR	541SJC501	Ongoing													
State Water Resources Control Board	SWAMP	SPoT	541SJC501	Ongoing	O												
SJR near Vernalis																	
USGS	NAWQA	NAWQA	11303500	Ongoing													
DWR	MWQI	MWQI	VERNALIS	Ongoing		BW			BW		BW		BW/C	BW		BW/C	
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	VNS	Ongoing													
SJR near Vernalis at SJR Club																	
DWR	IEP	EMP: Discrete Water Quality Sampling	C10A	Ongoing			M				M		M	M	M	M	M
DWR	IEP	EMP: Real Time Monitoring	C10A	Ongoing													

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca (Total)**	**Ca (Diss)**	**Hardness As CaCO3**	**Mg (Total)**	**Mg (Diss)**	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phos phate**
Agency	**Program**	**Monitoring Plan**															
SJR McCune Station nr Vernalis																	
DWR	Continuous Recording Station	Continuous Recording Station	SJR	Ongoing													
SJR, mid-stream approx. 100 ft. S of Discharge Point 001																	
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-001	Ongoing	M			Q/M			M		M	M		M	
SJR, mid-stream approx. 500 ft. N of Discharge Point 001																	
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-002	Ongoing				Q									
SJR at Mossdale Bridge (DWR's monitoring station)																	
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-003	Ongoing													
DWR	IEP	EMP: Real Time Monitoring	C7A	Ongoing													
SJR below Old River near Lathrop																	

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca** (Total)	**Ca** (Diss)	**Hardness As CaCO3**	**Mg** (Total)	**Mg** (Diss)	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phos phate**
Agency	**Program**	**Monitoring Plan**															
DWR	Continuous Recording Stations	Continuous Recording Stations	SJL	Ongoing													
SJR above Dos Reis																	
DWR	Continuous Recording Stations	Continuous Recording Stations	SJD	Ongoing													
SJR at Bowman Rd., 8.0 miles S of Discharge Point 001																	
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001	Ongoing	BM			M/BM			W/BM		BM	BM	BM	B M	
SJR at Brandt Bridge																	
DWR	Continuous Recording Station	Continuous Recording Station	BDT	Ongoing													
SJR at Hwy 4, 0.5 miles S of Discharge Point 001																	
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002	Ongoing				M			W						
SJR at Garwood Bridge																	
USGS	Delta Flows Network	Delta Flows Network	11304810														
DWR	Continuous Recording Station	Continuous Recording Station	SJG	Ongoing													
SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge																	

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca** (Total)	**Ca** (Diss)	**Hardness As CaCO3**	**Mg** (Total)	**Mg** (Diss)	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phosphate**
Agency	**Program**	**Monitoring Plan**															
Stockton Port District Facility	NPDES	NPDES SMP	R-1	Ongoing							O		O	O		O	
SJR, Flow Monitoring Station location approx. 500 ft. S of Discharge Point 001																	
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001A	Ongoing													
SJR at Burns Cutoff, 0.5 miles N of Discharge Point 001																	
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002A	Ongoing				M			W						
SJR at Deep Water Channel, 1.5 miles N of Discharge Point 001																	
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-003	Ongoing				M			W						
SJR at Rough and Ready Island																	
DWR	IEP	EMP: Real Time Monitoring	P8A	Ongoing													
SJR at Buckley Cove																	

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca (Total)**	**Ca (Diss)**	**Hardness As CaCO3**	**Mg (Total)**	**Mg (Diss)**	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phosphate**
Agency	**Program**	**Monitoring Plan**															
DWR	IEP	EMP: Discrete Water Quality Sampling	P8	Ongoing			M				M		M	M	M	M	M
SJR at Juggler's Island, approx. 6.4 miles DS from the outfall from the storm drain system																	
Lincoln Center Environmental Remedial Trust	NPDES	NPDES SMP	RSW-004	Ongoing	Q			Q			Q		Q	Q		Q	
SJR at West Neugerbauer Rd																	
SJ County and Delta Coalition	ILRP	WDR	544SJCAWN	Ongoing													
City of Stockton Intake																	
City of Stockton	DDW Regulated Monitoring	Title 22 Source Water Monitoring	Intake	Ongoing		A		A	A				A	T			
SJR at Prisoner's Point near terminous																	
USGS	Delta Flows Network	Delta Flows Network	PRI	Ongoing													
DWR	Continuous Recording Station	Continuous Recording Station	PRI	Ongoing													
SJR at Prisoner's Point																	

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca** (Total)	**Ca** (Diss)	**Hardness As CaCO3**	**Mg** (Total)	**Mg** (Diss)	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phosphate**
Agency	**Program**	**Monitoring Plan**															
DWR	IEP	EMP: Real Time Monitoring	D29	Ongoing													
SJR at Potato Point																	
DWR	IEP	EMP: Discrete Water Quality Sampling	D26	Ongoing			M				M		M	M	M	M	M
SJR at Twitchell Island																	
DWR	IEP	EMP: Discrete Water Quality Sampling	D16	Ongoing													
DWR	IEP	EMP: Real Time Monitoring	D16	Ongoing													
SJR, approx. 7 miles US of Discharge Point 001																	
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-001	Ongoing	Q			Q			Q		Q	Q		Q	
SJR at Jersey Point, USBR Monitoring Location																	
USGS	Delta Flows Network	Delta Flows Network	SJJ	Ongoing													

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Table D - 8 Organics, Minerals & Nutrients

SITE INFORMATION					ORGANICS	MINERALS					NUTRIENTS						
Site Name			**Site ID**	**Project Term**		**Ca** (Total)	**Ca** (Diss)	**Hardness As CaCO3**	**Mg** (Total)	**Mg** (Diss)	**Ammonia as N**	**Ammonia NH3**	**Nitrate as N**	**Nitrite as N**	**Total Nitrogen (Kjeldahl)**	**P**	**Ortho phos phate**
Agency	**Program**	**Monitoring Plan**															
USBR	Continuous Recording Stations	Continuous Recording Stations	JER	Ongoing													
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-002	Ongoing													
SJR at Antioch Water Works																	
DWR	IEP	EMP: Real Time Monitoring	D12A	Ongoing													
SJR																	
SFEI	SFEI Regional Monitoring	RMP for Water Quality in the SF Estuary	BG30	Ongoing		4X			BE				BE	BE	BE	4X	
SJR at Antioch Ship Channel																	
DWR	IEP	EMP: Discrete Water Quality Sampling	D12A	Ongoing													

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
SJR at Sack Dam											
Westside SJR Watershed Coalition	ILRP	WDR	SJRSD	Ongoing, SS	OPTIONAL		M				
SJR near Dos Palos											
DWR	Continuous Recording Station	Continuous Recording Station	SDP	Ongoing							
SJR near Washington Road											
DWR	Continuous Recording Station	Continuous Recording Station	SWA	Ongoing							
Salt Slough at Sand Dam											
Westside SJR Watershed Coalition	ILRP	WDR	SSASD	Ongoing, SS	TBD						
Salt Slough at Lander/Hwy 165											
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SSH	Ongoing							

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
DCRT	GBP	WDR/Various GBP Plans	541MER531	Ongoing							
Westside SJR Watershed Coalition	ILRP	WDR	SSALA	Ongoing, SS	TBD						
SJR near Stevinson											
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJS	Ongoing							
SJR at Lander Ave											
Westside SJR Watershed Coalition	ILRP	WDR	SJRLA	Ongoing, SS	TBD		M				

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
State Water Resources Control Board	SWAMP	SPoT	541MER522	Ongoing	O	O	O	O	O		
SJR at Fremont Ford											
DCRT	GBP	GBP/Various Studies	541MER538	Ongoing							
USGS	Surface Water Monitoring	Surface Water Monitoring	FFB	Ongoing							
SJR at Hills Ferry											
East SJ Water Quality Coalition	ILRP	WDR	541STC512	Ongoing			O				
SJR near Newman											
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	NEW	Ongoing							
SJR above Merced River near Newman CA											

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
USGS	Surface Water Monitoring	Surface Water Monitoring	11274000	Ongoing							
SJR at Crows Landing											
State Water Resources Control Board	SWAMP	SPoT	535STC504	Ongoing	O	O	O	O	O		
SJR near Crows Landing											
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SCL	Ongoing							
SJR, 1800 ft. above Discharge Point 001											
City of Turlock WQCF	NPDES	NPDES SMP	RSW-001	Ongoing		M	M		M	M	M
SJR, DS of Discharge Point 001 and 50 ft. above confluence with Harding Drain											

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
City of Turlock WQCF	NPDES	NPDES SMP	RSW-002	Ongoing							
SJR, US at West Main Bridge											
City of Modesto WWCF	NPDES	NPDES SMP	RSW-001	Ongoing		M^P	M^P		M^P	M^P	M^P
SJR near Patterson											
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJP	Ongoing							
SJR at PID Pumps											
Westside SJR Watershed Coalition	ILRP	WDR	SJRPP	Ongoing	OPTIONAL		M				
SJR, DS at Laird Park											

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
City of Modesto WWCF	NPDES	NPDES SMP	RSW-004	Ongoing							
SJR, 500 ft. from Discharge Point											
City of Modesto WWCF	NPDES	NPDES SMP	RSW-002	Ongoing							
SJR, 1 mile DS from Discharge Point											
City of Modesto WWCF	NPDES	NPDES SMP	RSW-003	Ongoing							
SJR above Maze Boulevard											
East SJ Water Quality Coalition	ILRP	WDR	541STC510	Ongoing			O				
SJR at Maze Rd Bridge											
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	MRB	Ongoing							

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
SJR at Vernalis											
USBR	Surface Water Monitoring	Surface Water Monitoring	VER	Ongoing							
SJR at Airport Way											
East SJ Water Quality Coalition	ILRP	WDR	541SJC501	Ongoing			O				
State Water Resources Control Board	SWAMP	SPoT	541SJC501	Ongoing	O	O	O	O	O		
SJR near Vernalis											
USGS	NAWQA	NAWQA	11303500	Ongoing							
DWR	MWQI	MWQI	VERNALIS	Ongoing							
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	VNS	Ongoing							

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
SJR near Vernalis at SJR Club											
DWR	IEP	EMP: Discrete Water Quality Sampling	C10A	Ongoing							
DWR	IEP	EMP: Real Time Monitoring	C10A	Ongoing							
SJR McCune Station nr Vernalis											
DWR	Continuous Recording Station	Continuous Recording Station	SJR	Ongoing							
SJR, mid-stream approx. 100 ft. S of Discharge Point 001											
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-001	Ongoing		M	M		M	M	M
SJR, mid-stream approx. 500 ft. N of Discharge Point 001											

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-002	Ongoing							
SJR at Mossdale Bridge (DWR's monitoring station)											
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-003	Ongoing							
DWR	IEP	EMP: Real Time Monitoring	C7A	Ongoing							
SJR below Old River near Lathrop											
DWR	Continuous Recording Stations	Continuous Recording Stations	SJL	Ongoing							
SJR above Dos Reis											

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
DWR	Continuous Recording Stations	Continuous Recording Stations	SJD	Ongoing							
SJR at Bowman Rd., 8.0 miles S of Discharge Point 001											
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001	Ongoing		BM	BM		BM	BM	BM
SJR at Brandt Bridge											
DWR	Continuous Recording Station	Continuous Recording Station	BDT	Ongoing							
SJR at Hwy 4, 0.5 miles S of Discharge Point 001											
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002	Ongoing							
SJR at Garwood Bridge											
USGS	Delta Flows Network	Delta Flows Network	11304810								

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
DWR	Continuous Recording Station	Continuous Recording Station	SJG	Ongoing							
SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge											
Stockton Port District Facility	NPDES	NPDES SMP	R-1	Ongoing	O		O				
SJR, Flow Monitoring Station location approx. 500 ft. S of Discharge Point 001											
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001A	Ongoing							
SJR at Burns Cutoff, 0.5 miles N of Discharge Point 001											
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002A	Ongoing							
SJR at Deep Water Channel, 1.5 miles N of Discharge Point 001											
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-003	Ongoing							

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
SJR at Rough and Ready Island											
DWR	IEP	EMP: Real Time Monitoring	P8A	Ongoing							
SJR at Buckley Cove											
DWR	IEP	EMP: Discrete Water Quality Sampling	P8	Ongoing							
SJR at Juggler's Island, approx. 6.4 miles DS from the outfall from the storm drain system											
Lincoln Center Environmental Remedial Trust	NPDES	NPDES SMP	RSW-004	Ongoing		Q	Q		Q	Q	Q
SJR at West Neugerbauer Rd											
SJ County and Delta Coalition	ILRP	WDR	544SJCAWN	Ongoing			O				
City of Stockton Intake											

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
City of Stockton	DDW Regulated Monitoring	Title 22 Source Water Monitoring	Intake	Ongoing							
SJR at Prisoner's Point near terminous											
USGS	Delta Flows Network	Delta Flows Network	PRI	Ongoing							
DWR	Continuous Recording Station	Continuous Recording Station	PRI	Ongoing							
SJR at Prisoner's Point											
DWR	IEP	EMP: Real Time Monitoring	D29	Ongoing							
SJR at Potato Point											
DWR	IEP	EMP: Discrete Water Quality Sampling	D26	Ongoing							

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
SJR at Twitchell Island											
DWR	IEP	EMP: Discrete Water Quality Sampling	D16	Ongoing							
DWR	IEP	EMP: Real Time Monitoring	D16	Ongoing							
SJR, approx. 7 miles US of Discharge Point 001											
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-001	Ongoing		Q	Q		Q	Q	Q
SJR at Jersey Point, USBR Monitoring Location											
USGS	Delta Flows Network	Delta Flows Network	SJJ	Ongoing							

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
USBR	Continuous Recording Stations	Continuous Recording Stations	JER	Ongoing							
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-002	Ongoing							
SJR at Antioch Water Works											
DWR	IEP	EMP: Real Time Monitoring	D12A	Ongoing							
SJR											
SFEI	SFEI Regional Monitoring	RMP for Water Quality in the SF Estuary	BG30	Ongoing	BE	4X	4X		4X	4X	
SJR at Antioch Ship Channel											

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Table D - 9 Pesticide

SITE INFORMATION					PESTICIDES/LEGACY CHEMICALS						
Site Name			**Site ID**	**Project Term**	**Other Pesticides/ Herbicides**	**Organo-chlorinated Pesticides**	**Organo-phosphorus Pesticides**	**Pyrethroids**	**PCBs**	**Carbamates**	**Herbicides**
Agency	**Program**	**Monitoring Plan**									
DWR	IEP	EMP: Discrete Water Quality Sampling	D12A	Ongoing							

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
SJR at Sack Dam										
Westside SJR Watershed Coalition	ILRP	WDR	SJRSD	Ongoing, SS						
SJR near Dos Palos										
DWR	Continuous Recording Station	Continuous Recording Station	SDP	Ongoing						
SJR near Washington Road										
DWR	Continuous Recording Station	Continuous Recording Station	SWA	Ongoing						
Salt Slough at Sand Dam										
Westside SJR Watershed Coalition	ILRP	WDR	SSASD	Ongoing, SS	O[A]	O[A]	O[A]	O[A]		
Salt Slough at Lander/Hwy 165										
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SSH	Ongoing						
DCRT	GBP	WDR/Various GBP Plans	541MER531	Ongoing						

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
Westside SJR Watershed Coalition	ILRP	WDR	SSALA	Ongoing, SS	O[A]	O[A]	O[A]	O[A]		
SJR near Stevinson										
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJS	Ongoing						
SJR at Lander Ave										
Westside SJR Watershed Coalition	ILRP	WDR	SJRLA	Ongoing, SS	O[A]	O[A]	O[A]	O[A]		
State Water Resources Control Board	SWAMP	SPoT	541MER522	Ongoing	O					O
SJR at Fremont Ford										
DCRT	GBP	GBP/Various Studies	541MER538	Ongoing						

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
USGS	Surface Water Monitoring	Surface Water Monitoring	FFB	Ongoing						
SJR at Hills Ferry										
East SJ Water Quality Coalition	ILRP	WDR	541STC512	Ongoing						
SJR near Newman										
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	NEW	Ongoing						
SJR above Merced River near Newman CA										
USGS	Surface Water Monitoring	Surface Water Monitoring	11274000	Ongoing						
SJR at Crows Landing										

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
State Water Resources Control Board	SWAMP	SPoT	535STC504	Ongoing	O					O
SJR near Crows Landing										
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SCL	Ongoing						
SJR, 1800 ft. above Discharge Point 001										
City of Turlock WQCF	NPDES	NPDES SMP	RSW-001	Ongoing						
SJR, DS of Discharge Point 001 and 50 ft. above confluence with Harding Drain										
City of Turlock WQCF	NPDES	NPDES SMP	RSW-002	Ongoing						
SJR, US at West Main Bridge										
City of Modesto WWCF	NPDES	NPDES SMP	RSW-001	Ongoing						

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
SJR near Patterson										
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	SJP	Ongoing						
SJR at PID Pumps										
Westside SJR Watershed Coalition	ILRP	WDR	SJRPP	Ongoing						
SJR, DS at Laird Park										
City of Modesto WWCF	NPDES	NPDES SMP	RSW-004	Ongoing						
SJR, 500 ft. from Discharge Point										
City of Modesto WWCF	NPDES	NPDES SMP	RSW-002	Ongoing						
SJR, 1 mile DS from Discharge Point										
City of Modesto WWCF	NPDES	NPDES SMP	RSW-003	Ongoing						
SJR above Maze Boulevard										

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
East SJ Water Quality Coalition	ILRP	WDR	541STC510	Ongoing						
SJR at Maze Rd Bridge										
DWR	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	MRB	Ongoing						
SJR at Vernalis										
USBR	Surface Water Monitoring	Surface Water Monitoring	VER	Ongoing						
SJR at Airport Way										
East SJ Water Quality Coalition	ILRP	WDR	541SJC501	Ongoing						
State Water Resources Control Board	SWAMP	SPoT	541SJC501	Ongoing	O					O
SJR near Vernalis										
USGS	NAWQA	NAWQA	11303500	Ongoing						
DWR	MWQI	MWQI	VERNALIS	Ongoing						

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
DWR and USGS	SJ District Surface Water Monitoring	SJR Real-time Water Quality Management Program	VNS	Ongoing						
SJR near Vernalis at SJR Club										
DWR	IEP	EMP: Discrete Water Quality Sampling	C10A	Ongoing						
DWR	IEP	EMP: Real Time Monitoring	C10A	Ongoing						
SJR McCune Station nr Vernalis										
DWR	Continuous Recording Station	Continuous Recording Station	SJR	Ongoing						
SJR, mid-stream approx. 100 ft. S of Discharge Point 001										
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-001	Ongoing						
SJR, mid-stream approx. 500 ft. N of Discharge Point 001										

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-002	Ongoing						
SJR at Mossdale Bridge (DWR's monitoring station)										
City of Manteca and Dutra Farms	NPDES	NPDES SMP	RSW-003	Ongoing						
DWR	IEP	EMP: Real Time Monitoring	C7A	Ongoing						
SJR below Old River near Lathrop										
DWR	Continuous Recording Stations	Continuous Recording Stations	SJL	Ongoing						
SJR above Dos Reis										
DWR	Continuous Recording Stations	Continuous Recording Stations	SJD	Ongoing						
SJR at Bowman Rd., 8.0 miles S of Discharge Point 001										

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001	Ongoing						
SJR at Brandt Bridge										
DWR	Continuous Recording Station	Continuous Recording Station	BDT	Ongoing						
SJR at Hwy 4, 0.5 miles S of Discharge Point 001										
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002	Ongoing						
SJR at Garwood Bridge										
USGS	Delta Flows Network	Delta Flows Network	11304810							
DWR	Continuous Recording Station	Continuous Recording Station	SJG	Ongoing						
SJR, US of the East Complex retention basin discharge, and S of the Santa Fe Railroad Bridge										

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
Stockton Port District Facility	NPDES	NPDES SMP	R-1	Ongoing			O	O	O	
SJR, Flow Monitoring Station location approx. 500 ft. S of Discharge Point 001										
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-001A	Ongoing						
SJR at Burns Cutoff, 0.5 miles N of Discharge Point 001										
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-002A	Ongoing						
SJR at Deep Water Channel, 1.5 miles N of Discharge Point 001										
City of Stockton Regional WWCF	NPDES	NPDES SMP	RSW-003	Ongoing						
SJR at Rough and Ready Island										
DWR	IEP	EMP: Real Time Monitoring	P8A	Ongoing						

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
SJR at Buckley Cove										
DWR	IEP	EMP: Discrete Water Quality Sampling	P8	Ongoing						
SJR at Juggler's Island, approx. 6.4 miles DS from the outfall from the storm drain system										
Lincoln Center Environmental Remedial Trust	NPDES	NPDES SMP	RSW-004	Ongoing						
SJR at West Neugerbauer Rd										
SJ County and Delta Coalition	ILRP	WDR	544SJCAWN	Ongoing						
City of Stockton Intake										
City of Stockton	DDW Regulated Monitoring	Title 22 Source Water Monitoring	Intake	Ongoing						
SJR at Prisoner's Point near terminous										
USGS	Delta Flows Network	Delta Flows Network	PRI	Ongoing						

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
DWR	Continuous Recording Station	Continuous Recording Station	PRI	Ongoing						
SJR at Prisoner's Point										
DWR	IEP	EMP: Real Time Monitoring	D29	Ongoing						
SJR at Potato Point										
DWR	IEP	EMP: Discrete Water Quality Sampling	D26	Ongoing						
SJR at Twitchell Island										
DWR	IEP	EMP: Discrete Water Quality Sampling	D16	Ongoing						
DWR	IEP	EMP: Real Time Monitoring	D16	Ongoing						
SJR, approx. 7 miles US of Discharge Point 001										
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-001	Ongoing						

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Table D - 10 Toxicity

SITE INFORMATION					TOXICITY					
Site Name			**Site ID**	**Project Term**	***Hyalella azteca***	***Ceriodaphnia dubia***	***Selenastrum capricornutum***	***Pimephales promelas***	**Amphipod (% survival)**	**Algae Toxicity**
Agency	**Program**	**Monitoring Plan**								
SJR at Jersey Point, USBR Monitoring Location										
USGS	Delta Flows Network	Delta Flows Network	SJJ	Ongoing						
USBR	Continuous Recording Stations	Continuous Recording Stations	JER	Ongoing						
Ironhouse Sanitary District WRF	NPDES	NPDES SMP	RSW-002	Ongoing						
SJR at Antioch Water Works										
DWR	IEP	EMP: Real Time Monitoring	D12A	Ongoing						
SJR										
SFEI	SFEI Regional Monitoring	RMP for Water Quality in the SF Estuary	BG30	Ongoing		4X	4X			BE
SJR at Antioch Ship Channel										
DWR	IEP	EMP: Discrete Water Quality Sampling	D12A	Ongoing						

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Monitoring Frequency Key for Tables D-3 to D-10

A	Assessment Testing
C	Core Testing
P	Monthly during the 3rd or 4th year of the permit term
R	Required for WDR 5-01-234
S	Special Study Site
A	Once a year
BA	Twice a Year
BE	Once every other year
BM	Once every other month
BW	Once every other week
C	Continuous
D	Daily
M	Monthly
OPTIONAL	
O	Other (refer to monitoring notes)
Q	Quarterly
T	Once every three years
TBD	To be determined by Water Boards staff
W	Weekly
	Sediment samples
	No monitoring

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