

R 406

From: Stephan Orme <stephanorme@PANNA.org>
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Date: 6/29/01 9:27PM
Subject: new Locations file

Joe,

Enclosed is a new locations file that has the following information for each location in the DPR Surface Water database:

Year
number of samples
number of positive samples (i.e. conc>0)
number of samples that exceeded at least one exceedence value
percent of samples that were positive
percent of samples that were exceedences

I'd like to repeat my earlier critique of these statistics in that they are not representative nor can they be compared from year to year (or across locations) reliably. The data set is just not comprehensive enough to support that kind of general analysis. It is simple to skew these numbers by sampling when pollution is not common or the reverse.

This particular dataset is also skewed because it includes a disproportionate number of studies for DPR's Dormant Spray program. These tests are done during the winter and early spring when there is sufficient water to dilute many of the pesticides that flow off farmlands. A simple analysis of DPR's data shows that Summer samples are more likely to show high levels of pollution. However, there are relatively few samples in the summer months in this dataset.

These statistical problems aside, one thing I think would be reasonable to draw from these numbers is the simple demonstration of the existence of a problem. If direct testing shows that a chemical is present in concentrations high enough to harm aquatic life, that should be sufficient evidence to demonstrate impairment at least at that time and place. I am unsure what evidence the water board is looking for to make a judgement of impairment though our conversation indicated that you were looking for at least several incidents at each location. Most of the locations on this list have several exceedences.

Best,

-Stephan Orme
Pesticide Action Network

Location Descriptions from DPR Surface Water Database

Location Code	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
401	04 Butte		04M17N01E02	392144	1214924	39.36222	-121.8233	520.1
Main Drainage Canal at Colusa Hwy (trib to Cherokee Canal)								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 56 Hits: 49 Exceedences: 19 Hits: 87.5% Exceedences: 33.9%								
402	04 Butte	Sacramento River	04M22N01W20	394507	1215942	39.75194	0-121.995	504.2
Sacramento River at Hamilton at Hwy 32 Bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 7 Hits: 7 Exceedences: 5 Hits: 100% Exceedences: 71.4%								
601	06 Colusa		06M13N01W10	385931	1220224	38.99199	-121.9597	520.21
Clarks Ditch, trib. to Colusa Basin Drain								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 171 Hits: 10 Exceedences: 6 Hits: 5.8% Exceedences: 3.5%								
603	06 Colusa		06M15N02W02	391100	1220300	39.18333	00-122.05	520.21
Colusa Basin Drain #5								
Tests, Positive Results ('hits') and Exceedences at this location								
1995: Tests: 170 Hits: 85 Exceedences: 38 Hits: 50% Exceedences: 22.4%								
1996: Tests: 186 Hits: 96 Exceedences: 55 Hits: 51.6% Exceedences: 29.6%								
1997: Tests: 162 Hits: 78 Exceedences: 26 Hits: 48.1% Exceedences: 16%								
1998: Tests: 186 Hits: 101 Exceedences: 49 Hits: 54.3% Exceedences: 26.3%								
604	06 Colusa	Sacramento River	06M16N01W29	391251	1215957	39.21417	-121.9991	502.1
Sacramento River at Colusa, 60 ft. downstream from highway bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 111 Hits: 61 Exceedences: 37 Hits: 55% Exceedences: 33.3%								
704	07 Contra Costa	Delta	07M02N02E25	375929	1214229	37.99151	-121.7083	544
Marsh Creek at Cypress Rd bridge (trib to western Delta)								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 57 Hits: 2 Exceedences: 1 Hits: 3.5% Exceedences: 1.8%								
1101	11 Glenn	Sacramento River	11M19N01W32	392727	1215907	39.4575	-121.9852	520.4
Sacramento River at Butte City at Hwy 162 bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 4 Hits: 4 Exceedences: 2 Hits: 100% Exceedences: 50%								
1102	11 Glenn	Sacramento River	11M21N01W19	393739	1215929	39.6275	-121.9913	504.2
Sacramento River at Ord Bend Rd Bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 4 Hits: 3 Exceedences: 3 Hits: 75% Exceedences: 75%								
1301	13 Imperial	Alamo River	13S11S13E23	331157	1153547	33.19917	-115.5963	723.1
Alamo River at Outlet								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 492 Hits: 54 Exceedences: 32 Hits: 11% Exceedences: 6.5%								
1302	13 Imperial	Alamo River	13S12S14E29	330610	1153235	33.10278	-115.543	723.1
Alamo River at Albright Road (Nectarine Drain Area)								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 492 Hits: 43 Exceedences: 26 Hits: 8.7% Exceedences: 5.3%								

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
1303	13 Imperial	Alamo River	13S13S15E19	330005	1152803	33.00139	-115.4675	723.1
Alamo River at Shank Road (Magnolia Drain Area)								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 347 Hits: 33 Exceedences: 21 Hits: 9.5% Exceedences: 6.1%								
1304	13 Imperial	Alamo River	13S14S15E06	325832	1152748	32.97556	-115.4633	723.1
Alamo River downstream of Rose Drain								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 438 Hits: 45 Exceedences: 26 Hits: 10.3% Exceedences: 5.9%								
1305	13 Imperial	Alamo River	13S14S15E18	325553	1152723	32.93139	-115.4563	723.1
Alamo River downstream of Holtville Main Drain								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 347 Hits: 35 Exceedences: 21 Hits: 10.1% Exceedences: 6.1%								
1306	13 Imperial	Alamo River	13S14S15E32	325331	1152428	32.89194	-115.4077	723.1
Alamo River at Harris Street Bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 566 Hits: 55 Exceedences: 39 Hits: 9.7% Exceedences: 6.9%								
1994: Tests: 91 Hits: 8 Exceedences: 4 Hits: 8.8% Exceedences: 4.4%								
1307	13 Imperial	Alamo River	13S15S15E16	325050	1152600	32.84722	-115.4333	723.1
Alamo River at Worthington Road								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 347 Hits: 35 Exceedences: 25 Hits: 10.1% Exceedences: 7.2%								
1994: Tests: 91 Hits: 9 Exceedences: 4 Hits: 9.9% Exceedences: 4.4%								
1308	13 Imperial	Alamo River	13S15S15E21	324935	1152559	32.80639	-115.433	723.1
Alamo River at Holtville WTP								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 256 Hits: 28 Exceedences: 20 Hits: 10.9% Exceedences: 7.8%								
1994: Tests: 145 Hits: 11 Exceedences: 6 Hits: 7.6% Exceedences: 4.1%								
1309	13 Imperial	Alamo River	13S15S15E36	324826	1152328	32.80722	-115.3911	723.1
Alamo River at Holtville								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 347 Hits: 28 Exceedences: 19 Hits: 8.1% Exceedences: 5.5%								
1994: Tests: 145 Hits: 11 Exceedences: 6 Hits: 7.6% Exceedences: 4.1%								
1320	13 Imperial	Alamo River	13S16S16E18	324601	1152117	32.76694	-115.3547	723.1
Alamo River downstream of Verde Drain								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 256 Hits: 17 Exceedences: 14 Hits: 6.6% Exceedences: 5.5%								
1994: Tests: 145 Hits: 10 Exceedences: 5 Hits: 6.9% Exceedences: 3.4%								
1321	13 Imperial	Alamo River	13S17S15E18	324030	1152210	32.675	-115.3694	723.1
Alamo River at All American Canal								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 347 Hits: 4 Exceedences: 0 Hits: 1.2% Exceedences: 0%								
1994: Tests: 145 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%								
2401	24 Merced	Merced River	24M05S12E36	372708	1203542	37.45222	0-120.595	535.8
Merced River at Oakdale Road								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 74 Hits: 1 Exceedences: 1 Hits: 1.4% Exceedences: 1.4%								

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
2402	24 Merced	San Joaquin River	24M06S09E22	372407	1205731	37.40194	-120.9586	541.1
Turlock Irrig. Drain #6, 200 yds W of Central Ave (trib to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 78 Hits: 2 Exceedences: 2 Hits: 2.6% Exceedences: 2.6%								
1992: Tests: 280 Hits: 24 Exceedences: 24 Hits: 8.6% Exceedences: 8.6%								
2403	24 Merced	San Joaquin River	24M06S09E36	372217	1205547	37.3771	-120.9272	541.1
Stevinson Spillway (trib. to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 37 Hits: 2 Exceedences: 2 Hits: 5.4% Exceedences: 5.4%								
1994: Tests: 2 Hits: 2 Exceedences: 2 Hits: 100% Exceedences: 100%								
2404	24 Merced	San Joaquin River	24M06S10E25	372315	1204813	37.3875	-120.8036	541.1
Highline Spillway (trib. to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 37 Hits: 5 Exceedences: 3 Hits: 13.5% Exceedences: 8.1%								
1994: Tests: 2 Hits: 2 Exceedences: 2 Hits: 100% Exceedences: 100%								
2405	24 Merced	San Joaquin River	24M06S11E24	372414	1204316	37.40839	-120.7211	535.8
Livingston Spillway (trib. to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 78 Hits: 3 Exceedences: 3 Hits: 3.8% Exceedences: 3.8%								
1994: Tests: 2 Hits: 2 Exceedences: 2 Hits: 100% Exceedences: 100%								
2406	24 Merced	Merced River	24M07S09E03	372103	1205738	37.35083	-120.9605	535.7
Merced River at Hatfield State Park								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 66 Hits: 1 Exceedences: 1 Hits: 1.5% Exceedences: 1.5%								
1992: Tests: 374 Hits: 17 Exceedences: 15 Hits: 4.5% Exceedences: 4%								
1993: Tests: 85 Hits: 5 Exceedences: 5 Hits: 5.9% Exceedences: 5.9%								
1994: Tests: 1036 Hits: 2 Exceedences: 0 Hits: .2% Exceedences: 0%								
1995: Tests: 1012 Hits: 8 Exceedences: 3 Hits: .8% Exceedences: .3%								
2407	24 Merced	Merced River	24M07S09E04	372102	1205742	37.35056	-120.9616	541.1
Merced River at River Road Bridge near Newman								
Tests, Positive Results ('hits') and Exceedences at this location								
1993: Tests: 2985 Hits: 191 Exceedences: 66 Hits: 6.4% Exceedences: 2.2%								
1994: Tests: 20 Hits: 20 Exceedences: 20 Hits: 100% Exceedences: 100%								
2408	24 Merced	San Joaquin River	24M07S09E16	371917	1205852	37.32134	-120.9811	541.2
Newman Wasteway (trib. to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 43 Hits: 5 Exceedences: 3 Hits: 11.6% Exceedences: 7%								
1992: Tests: 191 Hits: 11 Exceedences: 8 Hits: 5.8% Exceedences: 4.2%								
1993: Tests: 116 Hits: 11 Exceedences: 10 Hits: 9.5% Exceedences: 8.6%								
2409	24 Merced	San Joaquin River	24M07S09E24	371837	1205546	37.31028	-120.9294	541.2
San Joaquin River at Fremont Ford								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 55 Hits: 8 Exceedences: 5 Hits: 14.5% Exceedences: 9.1%								
1992: Tests: 176 Hits: 6 Exceedences: 2 Hits: 3.4% Exceedences: 1.1%								
1993: Tests: 74 Hits: 1 Exceedences: 1 Hits: 1.4% Exceedences: 1.4%								

Location County			Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
2410	24	Merced	San Joaquin River	24M07S09E35	371636	1205716	37.27667	-120.9544	541.2
Los Banos Creek (trib. to SJR)									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 40 Hits: 3 Exceedences: 2 Hits: 7.5% Exceedences: 5%									
1992: Tests: 104 Hits: 1 Exceedences: 1 Hits: 1% Exceedences: 1%									
1993: Tests: 74 Hits: 1 Exceedences: 1 Hits: 1.4% Exceedences: 1.4%									
2411	24	Merced	San Joaquin River	24M07S10E26	371744	1205027	37.29556	-120.8408	541.2
San Joaquin River near Stevinson									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 43 Hits: 1 Exceedences: 1 Hits: 2.3% Exceedences: 2.3%									
1992: Tests: 172 Hits: 2 Exceedences: 2 Hits: 1.2% Exceedences: 1.2%									
1993: Tests: 74 Hits: 1 Exceedences: 1 Hits: 1.4% Exceedences: 1.4%									
2412	24	Merced	San Joaquin River	24M07S10E31	371633	1205511	37.27583	-120.9197	541.2
Mud Slough (trib. to SJR)									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 43 Hits: 2 Exceedences: 2 Hits: 4.7% Exceedences: 4.7%									
1992: Tests: 172 Hits: 3 Exceedences: 1 Hits: 1.7% Exceedences: .6%									
1993: Tests: 74 Hits: 1 Exceedences: 1 Hits: 1.4% Exceedences: 1.4%									
2413	24	Merced	San Joaquin River	24M08S10E10	371452	1205104	37.24778	-120.8511	541.2
Salt Slough (trib. to SJR) at Highway 165									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 52 Hits: 4 Exceedences: 3 Hits: 7.7% Exceedences: 5.8%									
1992: Tests: 353 Hits: 19 Exceedences: 15 Hits: 5.4% Exceedences: 4.2%									
1993: Tests: 2086 Hits: 276 Exceedences: 68 Hits: 13.2% Exceedences: 3.3%									
2701	27	Monterey	Salinas River	27M13S02E18	364904	1214711	36.81778	-121.7863	309.1
Salinas Lagoon									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 148 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1995: Tests: 296 Hits: 2 Exceedences: 1 Hits: .7% Exceedences: .3%									
2702	27	Monterey	Salinas River	27M16S04E10	363313	1213255	36.55361	-121.5486	309.1
Salinas River at Chualar River Rd. bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 925 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
2703	27	Monterey	Salinas River	27M17S05E06	362912	1212807	36.48667	-121.4686	309.1
Salinas River at Gonzales River Rd. bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 814 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1995: Tests: 222 Hits: 1 Exceedences: 1 Hits: .5% Exceedences: .5%									
3404	34	Sacramento	Sacramento River	34M07N04E14	382748	1213006	38.46333	-121.5016	519.12
Sump 34 urban stormwater pumping facility, discharges to Sacramento River upstream of Freeport									
Tests, Positive Results ('hits') and Exceedences at this location									
1990: Tests: 12 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1991: Tests: 272 Hits: 8 Exceedences: 5 Hits: 2.9% Exceedences: 1.8%									
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit	
3405	34	Sacramento	Sacramento River	34M07N04E24	382623	1212957	38.43972	-121.4991	519.11
Sacramento River at Freeport where stormwater pumping facility Sump 3 discharges									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1996: Tests: 124 Hits: 1 Exceedences: 0 Hits: .8% Exceedences: 0%									
1997: Tests: 1280 Hits: 47 Exceedences: 4 Hits: 3.7% Exceedences: .3%									
1998: Tests: 562 Hits: 18 Exceedences: 2 Hits: 3.2% Exceedences: .4%									
3406	34	Sacramento	Sacramento River	34M08N04E03	383405	1213104	38.56806	-121.5177	519.22
Sacramento River at Miller Park									
Tests, Positive Results ('hits') and Exceedences at this location									
1990: Tests: 12 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 245 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
3407	34	Sacramento	Sacramento River	34M08N04E22	383145	1213140	38.52916	-121.5277	519.12
Sump 104 stormwater pumping facility, Pocket Area, City of Sacramento, drains to Sacramento River									
Tests, Positive Results ('hits') and Exceedences at this location									
1990: Tests: 24 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1991: Tests: 272 Hits: 7 Exceedences: 3 Hits: 2.6% Exceedences: 1.1%									
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1995: Tests: 107 Hits: 10 Exceedences: 7 Hits: 9.3% Exceedences: 6.5%									
1996: Tests: 166 Hits: 20 Exceedences: 9 Hits: 12% Exceedences: 5.4%									
3408	34	Sacramento	American River	34M08N05E03	383505	1212458	38.58472	-121.4161	519.21
Chicken/Strong Ranch Slough, stormwater channel, City of Sacramento, drains to American River									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 272 Hits: 8 Exceedences: 5 Hits: 2.9% Exceedences: 1.8%									
1992: Tests: 135 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1995: Tests: 109 Hits: 11 Exceedences: 8 Hits: 10.1% Exceedences: 7.3%									
1996: Tests: 219 Hits: 25 Exceedences: 13 Hits: 11.4% Exceedences: 5.9%									
3409	34	Sacramento	American River	34M08N05E12	383357	1212255	38.56583	-121.3819	519.21
American River at Watt Avenue Bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1990: Tests: 12 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
3410	34	Sacramento	American River	34M09N04E25	383626	1213004	38.60722	-121.5011	519.21
American River at Discovery Park									
Tests, Positive Results ('hits') and Exceedences at this location									
1990: Tests: 24 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 325 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
3411	34	Sacramento	American River	34M09N04E25	383602	1212905	38.6005	-121.4847	519.21
Sump 111 stormwater pumping facility, City of Sacramento, drains to American River									
Tests, Positive Results ('hits') and Exceedences at this location									
1990: Tests: 12 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 325 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1995: Tests: 167 Hits: 6 Exceedences: 5 Hits: 3.6% Exceedences: 3%									
1996: Tests: 258 Hits: 12 Exceedences: 7 Hits: 4.7% Exceedences: 2.7%									

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit	
3412	34	Sacramento	Sacramento River	34M09N04E27	383618	1213130	38.605	0-121.525	519.21
Sacramento River at Village Marina/Crawdads Cantina									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1995: Tests: 76 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1996: Tests: 85 Hits: 2 Exceedences: 0 Hits: 2.4% Exceedences: 0%									
1997: Tests: 85 Hits: 4 Exceedences: 0 Hits: 4.7% Exceedences: 0%									
1998: Tests: 87 Hits: 3 Exceedences: 0 Hits: 3.4% Exceedences: 0%									
3413	34	Sacramento	Sacramento River	34M09N04E35	383511	1213018	38.58639	0-121.505	519.12
Sacramento River at I Street Bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 1032 Hits: 54 Exceedences: 1 Hits: 5.2% Exceedences: .1%									
1992: Tests: 2478 Hits: 58 Exceedences: 21 Hits: 2.3% Exceedences: .8%									
1993: Tests: 4450 Hits: 169 Exceedences: 34 Hits: 3.8% Exceedences: .8%									
1994: Tests: 1600 Hits: 71 Exceedences: 26 Hits: 4.4% Exceedences: 1.6%									
3414	34	Sacramento	Sacramento River	34M09N04E35	383510	1213019	38.58611	-121.5052	519.12
Sacramento River at Tower Bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 41 Hits: 26 Exceedences: 26 Hits: 63.4% Exceedences: 63.4%									
3415	34	Sacramento		34M09N05E13	383728	1212728	38.62444	-121.4577	519.21
Arcade Creek at Norwood									
Tests, Positive Results ('hits') and Exceedences at this location									
1996: Tests: 160 Hits: 16 Exceedences: 5 Hits: 10% Exceedences: 3.1%									
1997: Tests: 1882 Hits: 179 Exceedences: 58 Hits: 9.5% Exceedences: 3.1%									
1998: Tests: 312 Hits: 40 Exceedences: 11 Hits: 12.8% Exceedences: 3.5%									
3416	34	Sacramento	American River	34M09N07E10	383850	1211130	38.64722	-121.1916	514.23
American River at Lake Natomas									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
3417	34	Sacramento	American River	34M09N07E16	383808	1211328	38.63556	-121.2244	514.23
American River at Nimbus Fish Hatchery									
Tests, Positive Results ('hits') and Exceedences at this location									
1990: Tests: 12 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
3418	34	Sacramento	Sacramento River	34M10N03E34	384028	1213743	38.67444	-121.6286	518.21
Sacramento River at Alamar Marina Dock, 9 mi below confluence of Feather River									
Tests, Positive Results ('hits') and Exceedences at this location									
1997: Tests: 84 Hits: 11 Exceedences: 0 Hits: 13.1% Exceedences: 0%									
1998: Tests: 608 Hits: 27 Exceedences: 13 Hits: 4.4% Exceedences: 2.1%									
1999: Tests: 593 Hits: 12 Exceedences: 0 Hits: 2% Exceedences: 0%									
2000: Tests: 570 Hits: 18 Exceedences: 2 Hits: 3.2% Exceedences: .4%									
3419	34	Sacramento	American River	34M10N07E24	384223	1210927	38.70639	-121.1575	514.23
American River at Folsom Dam outlet									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%									
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
3420	34	Sacramento	34M10N07E35	384040	1211040	38.67778	-121.1777	514.23
City of Folsom, urban runoff site btwn Riley and Wool streets								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 272 Hits: 6 Exceedences: 3 Hits: 2.2% Exceedences: 1.1%								
1992: Tests: 190 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%								
3901	39	San Joaquin	39M01N06E06	375800	1211840	37.96667	-121.3111	531.3
Smith Canal at Pershing.								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 2 Hits: 2 Exceedences: 2 Hits: 100% Exceedences: 100%								
3902	39	San Joaquin	39M01N06E11	375452	1211623	37.91444	-121.273	531.4
Duck Creek at El Dorado Street								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 2 Hits: 2 Exceedences: 2 Hits: 100% Exceedences: 100%								
3903	39	San Joaquin	39M01N06E11	375443	1211725	37.91194	-121.2902	531.4
French Camp Slough at Manthey Bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 259 Hits: 15 Exceedences: 11 Hits: 5.8% Exceedences: 4.2%								
3904	39	San Joaquin	39M01N06E22	375513	1211748	37.92039	-121.2967	544
Walker Slough at Manthey								
Tests, Positive Results ('hits') and Exceedences at this location								
1998: Tests: 1 Hits: 1 Exceedences: 1 Hits: 100% Exceedences: 100%								
3905	39	San Joaquin Delta	39M01S05E28	374906	1212530	37.81845	-121.4251	544
Paradise Cut north of MacArthur Rd and Delta Ave (north of Tracy, inside Delta)								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 150 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%								
3906	39	San Joaquin Delta	39M01S05E29	374950	1212636	37.81823	-121.4435	544
Old River at Tracy Road (inside Delta)								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 66 Hits: 1 Exceedences: 1 Hits: 1.5% Exceedences: 1.5%								
3907	39	San Joaquin San Joaquin River	39M01S06E09	375147	1211854	37.86321	-121.3151	544
San Joaquin River at Bowman Rd								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 207 Hits: 13 Exceedences: 8 Hits: 6.3% Exceedences: 3.9%								
3908	39	San Joaquin	39M01S06E30	374909	1212105	37.81927	-121.3514	544
Old River off Cohen Road								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 152 Hits: 9 Exceedences: 6 Hits: 5.9% Exceedences: 3.9%								
3909	39	San Joaquin	39M01S07E10	375149	1211126	37.86385	-121.1907	531.4
Lone Tree Creek at Austin Rd trib to French Camp Slough								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 285 Hits: 14 Exceedences: 7 Hits: 4.9% Exceedences: 2.5%								
3910	39	San Joaquin Delta	39M02N05E03	380306	1212419	38.05192	-121.4054	544
Bishop Tract Main Drain (in Delta)								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 150 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%								

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
3911	39	San Joaquin	39M02N06E05	375903	1211833	37.98417	-121.3091	531.3
Calaveras River at Pacific Avenue.								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 2 Hits: 1 Exceedences: 1 Hits: 50% Exceedences: 50%								
3912	39	San Joaquin	39M02N06E07	380145	1212130	38.02917	-121.3583	531.3
Mosher Slough at Mariners Drive, 100 yards from City of Stockton outfall								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 2 Hits: 2 Exceedences: 2 Hits: 100% Exceedences: 100%								
1997: Tests: 4 Hits: 4 Exceedences: 4 Hits: 100% Exceedences: 100%								
1998: Tests: 1 Hits: 1 Exceedences: 1 Hits: 100% Exceedences: 100%								
3913	39	San Joaquin	39M02N06E18	380050	1212058	38.01389	-121.3494	531.3
Five Mile Slough at Plymouth (southwest corner of golf course)								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 2 Hits: 2 Exceedences: 2 Hits: 100% Exceedences: 100%								
1997: Tests: 2 Hits: 2 Exceedences: 2 Hits: 100% Exceedences: 100%								
1998: Tests: 2 Hits: 1 Exceedences: 1 Hits: 50% Exceedences: 50%								
3916	39	San Joaquin Delta	39M03N05E34	380259	1212502	38.04972	-121.4172	544
Bishop Cut at Eight Mile Rd (in Delta)								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 58 Hits: 3 Exceedences: 3 Hits: 5.2% Exceedences: 5.2%								
3917	39	San Joaquin San Joaquin River	39M03S06E13	374034	1211555	37.67611	-121.2652	541.1
San Joaquin River near Vernalis								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 1698 Hits: 69 Exceedences: 23 Hits: 4.1% Exceedences: 1.4%								
1992: Tests: 2505 Hits: 79 Exceedences: 47 Hits: 3.2% Exceedences: 1.9%								
1993: Tests: 4468 Hits: 358 Exceedences: 104 Hits: 8% Exceedences: 2.3%								
1994: Tests: 2092 Hits: 184 Exceedences: 94 Hits: 8.8% Exceedences: 4.5%								
1995: Tests: 598 Hits: 48 Exceedences: 17 Hits: 8% Exceedences: 2.8%								
1996: Tests: 30 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%								
1997: Tests: 285 Hits: 19 Exceedences: 9 Hits: 6.7% Exceedences: 3.2%								
1998: Tests: 595 Hits: 61 Exceedences: 11 Hits: 10.3% Exceedences: 1.8%								
1999: Tests: 579 Hits: 48 Exceedences: 9 Hits: 8.3% Exceedences: 1.6%								
2000: Tests: 520 Hits: 53 Exceedences: 4 Hits: 10.2% Exceedences: .8%								
3918	39	San Joaquin Stanislaus River	39M03S07E09	374143	1211210	37.69528	-121.2027	535.3
Stanislaus River at Caswell State Park								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 118 Hits: 6 Exceedences: 5 Hits: 5.1% Exceedences: 4.2%								
1992: Tests: 320 Hits: 4 Exceedences: 4 Hits: 1.3% Exceedences: 1.3%								
1993: Tests: 74 Hits: 1 Exceedences: 1 Hits: 1.4% Exceedences: 1.4%								
1994: Tests: 1 Hits: 1 Exceedences: 1 Hits: 100% Exceedences: 100%								
3919	39	San Joaquin Delta	39M04N05E34	381414	1212523	38.23736	-121.4233	544
Mokelumne River at New Hope Rd Bridge (in Delta)								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 169 Hits: 2 Exceedences: 2 Hits: 1.2% Exceedences: 1.2%								
3920	39	San Joaquin	39M02N06E26	375935	1211709	37.99306	-121.2858	531.3
Calaveras River at West Lane, Stockton								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 24 Hits: 3 Exceedences: 3 Hits: 12.5% Exceedences: 12.5%								

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit	
3921	39	San Joaquin	39M01N06E24	375500	1211613	37.91667	-121.2702	531.2	
Duck Creek and West Pacific Industrial Park, Stockton									
Tests, Positive Results ('hits') and Exceedences at this location									
1996: Tests: 24 Hits: 4 Exceedences: 4 Hits: 16.7% Exceedences: 16.7%									
3922	39	San Joaquin	39M02N06E27	375928	1211755	37.99111	-121.2986	531.3	
Calaveras River at Sutter Street, Stockton									
Tests, Positive Results ('hits') and Exceedences at this location									
1996: Tests: 24 Hits: 6 Exceedences: 6 Hits: 25% Exceedences: 25%									
3923	39	San Joaquin	39M02N06E07	380200	1212143	38.03333	-121.3619	531.2	
Mosher Slough at Kelley Drive, Stockton									
Tests, Positive Results ('hits') and Exceedences at this location									
1996: Tests: 24 Hits: 9 Exceedences: 8 Hits: 37.5% Exceedences: 33.3%									
3924	39	San Joaquin	39M02N06E09	380142	1211951	38.02833	-121.3308	531.2	
Mosher Slough at Thorton Road, Stockton									
Tests, Positive Results ('hits') and Exceedences at this location									
1996: Tests: 24 Hits: 7 Exceedences: 5 Hits: 29.2% Exceedences: 20.8%									
4805	48	Solano	48M05N02W17	381651	1220620	38.28085	-122.1057	207.23	
Ledgewood Creek in City of Fairfield									
Tests, Positive Results ('hits') and Exceedences at this location									
1992: Tests: 57 Hits: 3 Exceedences: 2 Hits: 5.3% Exceedences: 3.5%									
4806	48	Solano	48M06N01W20	382110	1215944	38.35302	-121.9956	511.1	
Ulati Creek at Brown Road									
Tests, Positive Results ('hits') and Exceedences at this location									
1992: Tests: 148 Hits: 3 Exceedences: 1 Hits: 2% Exceedences: .7%									
4902	49	Sonoma	Russian River	49M08N10W26	383032	1225535	38.50889	-122.9216	114.25
Russian River at Hacienda Bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 592 Hits: 1 Exceedences: 0 Hits: .2% Exceedences: 0%									
4903	49	Sonoma	Russian River	49M08N10W28	383048	1225848	38.51333	00-122.98	114.25
Russian River at Midway Beach									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 740 Hits: 1 Exceedences: 1 Hits: .1% Exceedences: .1%									
1995: Tests: 555 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
5001	50	Stanislaus	Stanislaus River	50M02S08E29	374347	1210634	37.7299	-121.1094	535.1
Stanislaus River at Ripon									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 20 Hits: 20 Exceedences: 20 Hits: 100% Exceedences: 100%									
5002	50	Stanislaus	San Joaquin River	50M03S07E29	373827	1211340	37.64083	-121.2277	535.3
San Joaquin River at Maze Blvd.									
Tests, Positive Results ('hits') and Exceedences at this location									
1991: Tests: 37 Hits: 2 Exceedences: 2 Hits: 5.4% Exceedences: 5.4%									
1992: Tests: 172 Hits: 7 Exceedences: 2 Hits: 4.1% Exceedences: 1.2%									
1993: Tests: 74 Hits: 4 Exceedences: 3 Hits: 5.4% Exceedences: 4.1%									

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit	
5003	50	Stanislaus	50M03S09E23	373910	1205706	37.65278	-120.9516	535.3	
Sonoma stormdrain at Scenic Dr, Modesto									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 46 Hits: 12 Exceedences: 3 Hits: 26.1% Exceedences: 6.5%									
5004	50	Stanislaus	50M03S09E24	373925	1205507	37.65694	-120.9186	535.3	
Dry Creek at Claus Rd, Modesto									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 368 Hits: 33 Exceedences: 13 Hits: 9% Exceedences: 3.5%									
5005	50	Stanislaus	50M03S09E28	373847	1205908	37.64638	-120.9855	535.3	
McHenry stormdrain at Bodem St, Modesto									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 276 Hits: 63 Exceedences: 18 Hits: 22.8% Exceedences: 6.5%									
1998: Tests: 120 Hits: 6 Exceedences: 4 Hits: 5% Exceedences: 3.3%									
1999: Tests: 192 Hits: 13 Exceedences: 6 Hits: 6.8% Exceedences: 3.1%									
5006	50	Stanislaus	50M03S09E32	373749	1205937	37.63028	-120.9936	535.3	
Ninth St stormdrain at 7th St Bridge, Modesto									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 46 Hits: 10 Exceedences: 3 Hits: 21.7% Exceedences: 6.5%									
5007	50	Stanislaus	Tuolumne River	50M03S09E33	373738	1205911	37.6272	-120.9863	535.3
Tuolumne River at Modesto									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 910 Hits: 96 Exceedences: 48 Hits: 10.5% Exceedences: 5.3%									
1995: Tests: 230 Hits: 9 Exceedences: 3 Hits: 3.9% Exceedences: 1.3%									
5008	50	Stanislaus	50M03S09E33	373811	1205900	37.63639	-120.9833	535.3	
Dry Creek at Gallo Rd near Modesto									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 276 Hits: 55 Exceedences: 19 Hits: 19.9% Exceedences: 6.9%									
5009	50	Stanislaus	50M03S10E19	373948	1205504	37.66333	-120.9177	535.3	
Farabuindo Stormdrain, Modesto									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 46 Hits: 14 Exceedences: 4 Hits: 30.4% Exceedences: 8.7%									
1998: Tests: 32 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1999: Tests: 32 Hits: 1 Exceedences: 1 Hits: 3.1% Exceedences: 3.1%									
5010	50	Stanislaus	50M03S11E13	374027	1204242	37.67417	-120.7116	535.3	
Dry Creek at Leask Bridge nr Waterford									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 46 Hits: 2 Exceedences: 1 Hits: 4.3% Exceedences: 2.2%									
5011	50	Stanislaus	50M03S11E20	374024	1204624	37.67333	-120.7733	535.3	
Oakdale Irr Dist at Ellenwood Rd nr Waterford									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 46 Hits: 6 Exceedences: 2 Hits: 13% Exceedences: 4.3%									
5012	50	Stanislaus	50M03S11E34	373753	1204411	37.63139	-120.7363	535.3	
Turlock Irr Dist Hickman Spillway									
Tests, Positive Results ('hits') and Exceedences at this location									
1995: Tests: 46 Hits: 4 Exceedences: 2 Hits: 8.7% Exceedences: 4.3%									

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
5013	50 Stanislaus	Tuolumne River	50M03S12E35	373809	1203702	37.63583	-120.6172	535.3
Tuolumne River at Roberts Ferry Bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1995: Tests: 46 Hits: 1 Exceedences: 0 Hits: 2.2% Exceedences: 0%								
5014	50 Stanislaus	San Joaquin River	50M04S07E04	373657	1211215	37.61583	-121.2041	541.1
Ingram/Hospital Creek (trib. to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 286 Hits: 35 Exceedences: 27 Hits: 12.2% Exceedences: 9.4%								
1992: Tests: 487 Hits: 53 Exceedences: 40 Hits: 10.9% Exceedences: 8.2%								
1993: Tests: 74 Hits: 2 Exceedences: 2 Hits: 2.7% Exceedences: 2.7%								
5015	50 Stanislaus	San Joaquin River	50M04S07E25	373342	1210906	37.56167	-121.1516	541.1
San Joaquin River at Laird Park								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 1668 Hits: 100 Exceedences: 21 Hits: 6% Exceedences: 1.3%								
1992: Tests: 2127 Hits: 97 Exceedences: 63 Hits: 4.6% Exceedences: 3%								
1993: Tests: 592 Hits: 22 Exceedences: 20 Hits: 3.7% Exceedences: 3.4%								
5016	50 Stanislaus	Tuolumne River	50M04S08E07	373612	1210750	37.60333	-121.1305	535.5
Tuolumne River at Shiloh								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 26 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%								
1992: Tests: 348 Hits: 15 Exceedences: 15 Hits: 4.3% Exceedences: 4.3%								
1993: Tests: 74 Hits: 2 Exceedences: 1 Hits: 2.7% Exceedences: 1.4%								
1994: Tests: 1 Hits: 1 Exceedences: 1 Hits: 100% Exceedences: 100%								
5017	50 Stanislaus	Tuolumne River	50M04S08E12	373632	1210147	37.60889	-121.0297	535.5
Tuolumne River at Carpenter Rd Bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1995: Tests: 736 Hits: 56 Exceedences: 27 Hits: 7.6% Exceedences: 3.7%								
5018	50 Stanislaus	San Joaquin River	50M04S08E31	373221	1210714	37.53917	-121.1205	541.1
Del Puerto Creek (trib. to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 222 Hits: 25 Exceedences: 24 Hits: 11.3% Exceedences: 10.8%								
1992: Tests: 441 Hits: 43 Exceedences: 35 Hits: 9.8% Exceedences: 7.9%								
1993: Tests: 116 Hits: 1 Exceedences: 1 Hits: .9% Exceedences: .9%								
5019	50 Stanislaus		50M04S08E34	373213	1210358	37.53694	-121.0661	541.1
Turlock Irrig. Dist. Drain #3 at Jennings Rd Bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 78 Hits: 8 Exceedences: 8 Hits: 10.3% Exceedences: 10.3%								
1992: Tests: 256 Hits: 25 Exceedences: 25 Hits: 9.8% Exceedences: 9.8%								
5020	50 Stanislaus	Tuolumne River	50M04S09E02	373701	1205616	37.61694	-120.9377	535.6
Tuolumne River at Mitchell Rd Bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1995: Tests: 230 Hits: 12 Exceedences: 4 Hits: 5.2% Exceedences: 1.7%								
5021	50 Stanislaus		50M04S09E05	373731	1205954	37.62528	-120.9983	535.3
Westside stormdrain at Neece Dr, Modesto								
Tests, Positive Results ('hits') and Exceedences at this location								
1995: Tests: 46 Hits: 8 Exceedences: 3 Hits: 17.4% Exceedences: 6.5%								

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
5022	50 Stanislaus	Turlock Irr Dist Ceres Main Spillway	50M04S09E12	373639	1205510	37.61083	-120.9194	535.3
Tests, Positive Results ('hits') and Exceedences at this location								
1995: Tests: 46 Hits: 5 Exceedences: 2 Hits: 10.9% Exceedences: 4.3%								
5023	50 Stanislaus	San Joaquin River	50M05S08E16	372936	1210446	37.49333	-121.0794	535.3
San Joaquin River at West Main								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 918 Hits: 56 Exceedences: 5 Hits: 6.1% Exceedences: .5%								
1992: Tests: 493 Hits: 25 Exceedences: 6 Hits: 5.1% Exceedences: 1.2%								
1993: Tests: 74 Hits: 4 Exceedences: 3 Hits: 5.4% Exceedences: 4.1%								
5024	50 Stanislaus	Turlock Irrig. Dist. Drain #5	50M05S09E30	372752	1210148	37.46444	00-121.03	535.5
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 144 Hits: 12 Exceedences: 12 Hits: 8.3% Exceedences: 8.3%								
1992: Tests: 442 Hits: 38 Exceedences: 31 Hits: 8.6% Exceedences: 7%								
1993: Tests: 74 Hits: 4 Exceedences: 4 Hits: 5.4% Exceedences: 5.4%								
5025	50 Stanislaus	San Joaquin River	50M06S08E01	372608	1210156	37.43556	-121.0322	541.1
Spanish Grant Drain (trib. to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 156 Hits: 19 Exceedences: 16 Hits: 12.2% Exceedences: 10.3%								
1992: Tests: 316 Hits: 36 Exceedences: 28 Hits: 11.4% Exceedences: 8.9%								
1993: Tests: 95 Hits: 4 Exceedences: 4 Hits: 4.2% Exceedences: 4.2%								
5026	50 Stanislaus	Orestimba Creek	50M06S08E26	372238	1210325	37.37722	-121.0569	541
Orestimba Creek at State Hwy. 33 bridge								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 649 Hits: 399 Exceedences: 345 Hits: 61.5% Exceedences: 53.2%								
1997: Tests: 356 Hits: 170 Exceedences: 168 Hits: 47.8% Exceedences: 47.2%								
5027	50 Stanislaus	Orestimba Creek	50M06S08E35	372217	1210342	37.37139	-121.0616	541
Orestimba Creek above Crow Creek Drain								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 653 Hits: 348 Exceedences: 308 Hits: 53.3% Exceedences: 47.2%								
1997: Tests: 360 Hits: 140 Exceedences: 133 Hits: 38.9% Exceedences: 36.9%								
5028	50 Stanislaus	Orestimba Creek	50M06S09E18	372449	1210054	37.41361	0-121.015	541.1
Orestimba Creek at River Road (trib. to SJR)								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 198 Hits: 15 Exceedences: 14 Hits: 7.6% Exceedences: 7.1%								
1992: Tests: 404 Hits: 45 Exceedences: 32 Hits: 11.1% Exceedences: 7.9%								
1993: Tests: 3672 Hits: 456 Exceedences: 122 Hits: 12.4% Exceedences: 3.3%								
1996: Tests: 764 Hits: 451 Exceedences: 405 Hits: 59% Exceedences: 53%								
1997: Tests: 598 Hits: 230 Exceedences: 203 Hits: 38.5% Exceedences: 33.9%								
1998: Tests: 342 Hits: 17 Exceedences: 6 Hits: 5% Exceedences: 1.8%								
1999: Tests: 387 Hits: 31 Exceedences: 1 Hits: 8% Exceedences: .3%								
2000: Tests: 342 Hits: 38 Exceedences: 8 Hits: 11.1% Exceedences: 2.3%								
5029	50 Stanislaus	San Joaquin River	50M07S09E04	372058	1205831	37.34944	-120.9752	541.1
San Joaquin River at Hills Ferry								
Tests, Positive Results ('hits') and Exceedences at this location								
1991: Tests: 950 Hits: 49 Exceedences: 6 Hits: 5.2% Exceedences: .6%								
1992: Tests: 635 Hits: 35 Exceedences: 19 Hits: 5.5% Exceedences: 3%								
1993: Tests: 74 Hits: 3 Exceedences: 3 Hits: 4.1% Exceedences: 4.1%								

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit	
5101	51	Sutter	Sacramento River	51M11N02E14	384807	1214306	38.80194	-121.7183	520.21
Sacramento River at Knights Landing Br. on Hwy. 113									
Tests, Positive Results ('hits') and Exceedences at this location									
1992: Tests: 48 Hits: 2 Exceedences: 0 Hits: 4.2% Exceedences: 0%									
5102	51	Sutter	Feather River	51M11N03E04	384930	1213822	38.825	-121.6394	519.22
Feather River approx. 6 km upstream from confluence of Sacto. River									
Tests, Positive Results ('hits') and Exceedences at this location									
1992: Tests: 45 Hits: 1 Exceedences: 1 Hits: 2.2% Exceedences: 2.2%									
5103	51	Sutter		51M11N03E20	384706	1213912	38.785	-121.6533	520.1
Sacramento Slough near Karnak									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 202 Hits: 156 Exceedences: 61 Hits: 77.2% Exceedences: 30.2%									
5104	51	Sutter		51M11N03E21	384706	1213912	38.785	-121.6533	520.1
Sutter Bypass at Karnak Pumping Sta.									
Tests, Positive Results ('hits') and Exceedences at this location									
1992: Tests: 49 Hits: 9 Exceedences: 5 Hits: 18.4% Exceedences: 10.2%									
1996: Tests: 20 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1997: Tests: 117 Hits: 13 Exceedences: 5 Hits: 11.1% Exceedences: 4.3%									
1998: Tests: 60 Hits: 4 Exceedences: 2 Hits: 6.7% Exceedences: 3.3%									
1999: Tests: 159 Hits: 9 Exceedences: 4 Hits: 5.7% Exceedences: 2.5%									
2000: Tests: 228 Hits: 9 Exceedences: 4 Hits: 3.9% Exceedences: 1.8%									
5105	51	Sutter	Sacramento River	51M11N03E36	384538	1213529	38.76056	-121.5913	520.3
Sacramento River 2.5 mi downstream of confluence of Sacramento and Feather rivers									
Tests, Positive Results ('hits') and Exceedences at this location									
1993: Tests: 259 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
1994: Tests: 1661 Hits: 2 Exceedences: 2 Hits: .1% Exceedences: .1%									
5106	51	Sutter		51M12N03E09	385434	1213818	38.90944	-121.6383	520.1
Sutter Bypass at Kirkville Road									
Tests, Positive Results ('hits') and Exceedences at this location									
1997: Tests: 79 Hits: 3 Exceedences: 2 Hits: 3.8% Exceedences: 2.5%									
1998: Tests: 332 Hits: 5 Exceedences: 4 Hits: 1.5% Exceedences: 1.2%									
1999: Tests: 236 Hits: 7 Exceedences: 6 Hits: 3% Exceedences: 2.5%									
2000: Tests: 152 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
5107	51	Sutter	Feather River	51M12N03E14	385326	1213612	38.89056	-121.6033	520.3
Feather River near Nicolaus at Hwy 99 Bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 89 Hits: 50 Exceedences: 26 Hits: 56.2% Exceedences: 29.2%									
1996: Tests: 209 Hits: 4 Exceedences: 1 Hits: 1.9% Exceedences: .5%									
1997: Tests: 228 Hits: 10 Exceedences: 1 Hits: 4.4% Exceedences: .4%									
1998: Tests: 76 Hits: 1 Exceedences: 0 Hits: 1.3% Exceedences: 0%									
5108	51	Sutter	Sacramento River	51M13N01E01	390003	1214546	39.00083	-121.7627	520.1
Sacramento River approx. 2.8 km downstream from Wilkens Slough									
Tests, Positive Results ('hits') and Exceedences at this location									
1992: Tests: 48 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									
5109	51	Sutter		51M13N03E31	385554	1214049	38.93182	-121.6804	520.1
Gilsizer Slough at G. Washington Rd (trib to Butte Slough)									
Tests, Positive Results ('hits') and Exceedences at this location									
1992: Tests: 285 Hits: 15 Exceedences: 12 Hits: 5.3% Exceedences: 4.2%									

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit	
5110	51	Sutter	51M13N03E33	385558	1213803	38.93278	-121.6341	520.3	
Sacramento Outfall at DWR PP on Sacramento Road									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 95 Hits: 87 Exceedences: 35 Hits: 91.6% Exceedences: 36.8%									
5111	51	Sutter	51M14N02E26	390133	1214338	39.02583	-121.7272	520.3	
Obanion Outfall at DWR PP on Obanion Road									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 51 Hits: 47 Exceedences: 21 Hits: 92.2% Exceedences: 41.2%									
5112	51	Sutter	Feather River	51M14N03E11	390446	1213610	39.07944	-121.6027	515.2
Feather River near Olivehurst at Lee Rd and Garden Hwy									
Tests, Positive Results ('hits') and Exceedences at this location									
1992: Tests: 55 Hits: 1 Exceedences: 1 Hits: 1.8% Exceedences: 1.8%									
5113	51	Sutter	51M15N02E28	390740	1214520	39.12778	-121.7555	520.3	
Wadsworth Canal at Franklin Rd									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 74 Hits: 56 Exceedences: 24 Hits: 75.7% Exceedences: 32.4%									
1998: Tests: 38 Hits: 2 Exceedences: 0 Hits: 5.3% Exceedences: 0%									
1999: Tests: 395 Hits: 47 Exceedences: 18 Hits: 11.9% Exceedences: 4.6%									
2000: Tests: 380 Hits: 53 Exceedences: 15 Hits: 13.9% Exceedences: 3.9%									
5114	51	Sutter	51M15N02E30	390742	1214738	39.12833	-121.7938	520.3	
Sutter Bypass 1 mi. south Hwy. 20									
Tests, Positive Results ('hits') and Exceedences at this location									
1997: Tests: 3 Hits: 3 Exceedences: 1 Hits: 100% Exceedences: 33.3%									
5115	51	Sutter	51M16N01E31	391115	1215400	39.1875	000-121.9	520.3	
Butte Slough at Lower Pass Road-									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 173 Hits: 108 Exceedences: 46 Hits: 62.4% Exceedences: 26.6%									
1995: Tests: 77 Hits: 23 Exceedences: 15 Hits: 29.9% Exceedences: 19.5%									
1996: Tests: 91 Hits: 28 Exceedences: 12 Hits: 30.8% Exceedences: 13.2%									
1997: Tests: 84 Hits: 27 Exceedences: 12 Hits: 32.1% Exceedences: 14.3%									
1998: Tests: 85 Hits: 15 Exceedences: 7 Hits: 17.6% Exceedences: 8.2%									
5201	52	Tehama	Sacramento River	52M24N02W28	395435	1220527	39.90972	-122.0908	504.2
Sacramento River at Vina at Woodson Bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 12 Hits: 9 Exceedences: 5 Hits: 75% Exceedences: 41.7%									
5203	52	Tehama	Sacramento River	52M28N03W15	401719	1221108	40.28861	-122.1855	504.2
Sacramento River at Red Bluff above Bend Bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 1 Hits: 1 Exceedences: 1 Hits: 100% Exceedences: 100%									
5204	52	Tehama	Sacramento River	52M28N03W20	401552	1221320	40.26444	-122.2222	508.1
Sacramento River at Bend Ferry Rd Bridge									
Tests, Positive Results ('hits') and Exceedences at this location									
1994: Tests: 3 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%									

Location	County	Drainage	MTRS	Lat	Long	ddlat	ddlong	HydroUnit
5701	57 Yolo	Sacramento River	57M09N04E33	383854	1213257	38.64833	-121.5491	511.2
Sacramento River at Bryte								
Tests, Positive Results ('hits') and Exceedences at this location								
1996: Tests: 30 Hits: 0 Exceedences: 0 Hits: 0% Exceedences: 0%								
1997: Tests: 212 Hits: 5 Exceedences: 4 Hits: 2.4% Exceedences: 1.9%								
5702	57 Yolo		57M11N02E08	384845	1214623	38.8125	-121.773	520.1
Colusa Basin Drain at Rd. 99E, near Knights Landing								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 48 Hits: 20 Exceedences: 11 Hits: 41.7% Exceedences: 22.9%								
1994: Tests: 339 Hits: 230 Exceedences: 57 Hits: 67.8% Exceedences: 16.8%								
1996: Tests: 154 Hits: 7 Exceedences: 0 Hits: 4.5% Exceedences: 0%								
1997: Tests: 1176 Hits: 200 Exceedences: 42 Hits: 17% Exceedences: 3.6%								
1998: Tests: 304 Hits: 52 Exceedences: 9 Hits: 17.1% Exceedences: 3%								
5703	57 Yolo	Sacramento River	57M11N02E14	384814	1214320	38.80389	-121.7222	520.1
Sacramento River approximately 0.4 km upstream from confluence of Colusa Basin Drain								
Tests, Positive Results ('hits') and Exceedences at this location								
1992: Tests: 48 Hits: 2 Exceedences: 0 Hits: 4.2% Exceedences: 0%								
5801	58 Yuba		58M13N04E17	385823	1213004	38.97305	-121.5416	515.1
Bear River at Berry Road								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 18 Hits: 12 Exceedences: 6 Hits: 66.7% Exceedences: 33.3%								
5802	58 Yuba		58M15N03E14	390919	1213553	39.15528	-121.598	515.4
Jack Slough at Marysville								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 60 Hits: 55 Exceedences: 27 Hits: 91.7% Exceedences: 45%								
5803	58 Yuba	Feather River	58M15N03E23	390820	1213618	39.13889	0-121.605	515.3
Feather River at Yuba City								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 51 Hits: 23 Exceedences: 15 Hits: 45.1% Exceedences: 29.4%								
5804	58 Yuba	Yuba River	58M15N04E13	390832	1213428	39.14222	-121.5744	515.3
Yuba River at Marysville								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 16 Hits: 4 Exceedences: 2 Hits: 25% Exceedences: 12.5%								
5805	58 Yuba		58M17N03E26	391805	1213702	39.30139	-121.6172	515.4
Honcut Creek at Chandler Road								
Tests, Positive Results ('hits') and Exceedences at this location								
1994: Tests: 15 Hits: 10 Exceedences: 7 Hits: 66.7% Exceedences: 46.7%								