SACRAMENTO VALLEY WATER QUALITY COALITION

Management of Chlorpyrifos and Diazinon Discharges to the Sacramento and Feather Rivers and the Sacramento-San Joaquin Delta: 2022 TMDL Compliance Monitoring Report

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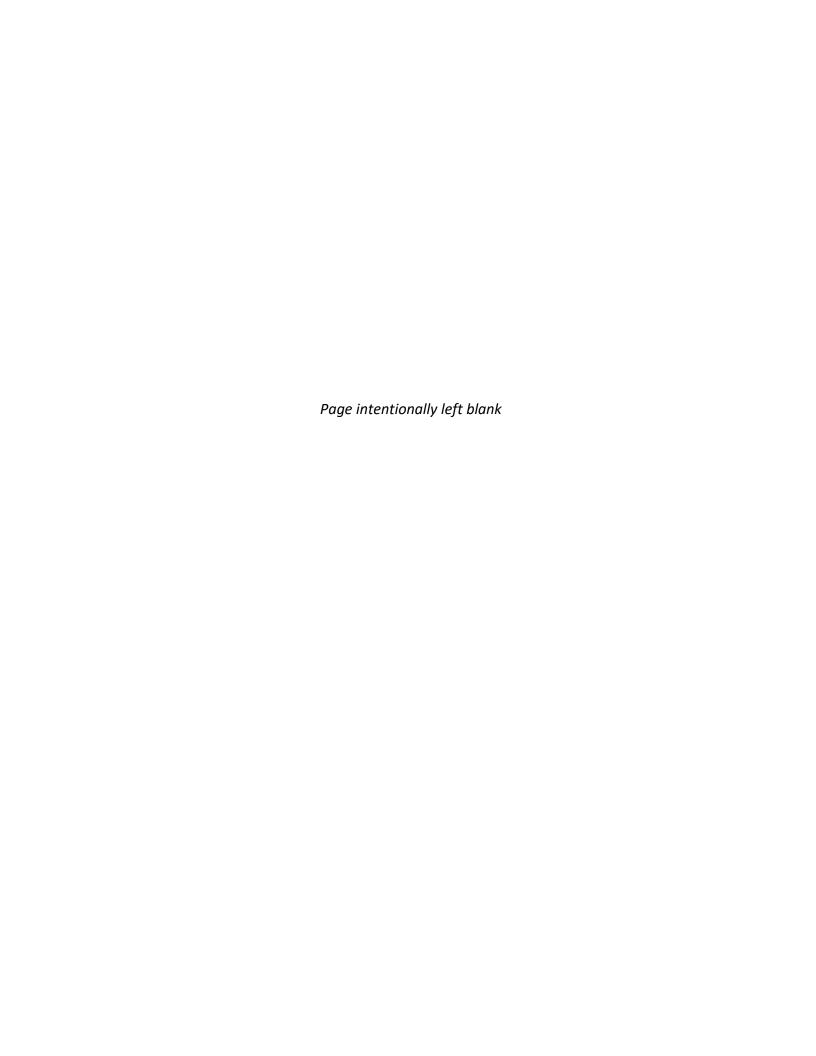


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Introduction

In December 2008, the Sacramento Valley Water Quality Coalition (Coalition or SVWQC) submitted a Management Plan to address specific water quality impairments within the Coalition area. A requirement of the Management Plan is to document monitoring and management activities conducted on behalf of members of the Coalition and required by the Central Valley Regional Water Quality Control Board's (Regional Water Board) Basin Plan Amendments for the Control of Diazinon and Chlorpyrifos Runoff into the Sacramento and Feather Rivers (Resolution No. R5-2007-0034) and the Sacramento-San Joaquin Delta (Delta) (R5-2006-0061). The Basin Plan Amendments set forth Total Maximum Daily Load (TMDL) requirements for dischargers and require that dischargers comply with the monitoring and management criteria defined in the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins (Basin Plan). An Addendum² to the Coalition's approved Management Plan addresses the Coalition's planned activities to comply with the TMDL requirements specific to two organophosphate (OP) pesticides, chlorpyrifos and diazinon. Beginning in 2009, the Addendum for TMDL compliance monitoring was developed in collaboration with Irrigated Lands Regulatory Program (ILRP) staff and was formally submitted to the Regional Water Board on April 30, 2010, as part of the Management Plan Progress Report. At the request of ILRP staff, the Addendum was resubmitted as a separate document on December 7, 2010.

In fulfillment of the requirements set forth in the Management Plan and an agreement with the Regional Water Board which now allows submittal of this report every two years, the Coalition is submitting this biennial TMDL Compliance Report summarizing the monitoring objectives, locations of sampling sites, and compliance monitoring results covering the period October 2020 through September 2022 (i.e., 2021 and 2022 Monitoring Years). It should be noted that the agricultural use of chlorpyrifos was essentially eliminated as of December 31, 2020, after which it became illegal for growers to possess or use chlorpyrifos products in California. This cancellation of the use of chlorpyrifos by agriculture should act to further reduce concentrations of the OP pesticide in receiving waters of the Sacramento Valley and Delta.

¹ On March 28, 2014, the Regional Water Board adopted Resolution R5-2014-0041, Amendment to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins for the Control of Diazinon and Chlorpyrifos Discharges. Before becoming fully effective, the Amendment must be approved by the State Water Resources Control Board (State Water Board), the Office of Administrative Law (OAL), and U.S. Environmental Protection Agency (U.S. EPA). The State Water Board approved the Basin Plan amendment on June 16, 2015 with Resolution No. 2015-0043. On March 8, 2017, the OAL provided notice of approval of this regulatory action (OAL File No. 2017-0124-04S). The U.S. EPA provided approval on August 16,2017.

http://www.waterboards.ca.gov/centralvalley/water issues/tmdl/central valley projects/central valley pesticides/index.shtml

² Addendum to Sacramento Valley Water Quality Coalition Management Plan: Chlorpyrifos and Diazinon TMDLs. Sacramento Valley Water Quality Coalition, Sacramento, California. April 2010.

³ A few products that apply chlorpyrifos in granular form, representing less than one percent of agricultural use of chlorpyrifos, will be allowed to remain on the market. These products are not associated with detrimental health effects (https://www.cdpr.ca.gov/docs/pressrls/2019/100919.htm)

Background

The federal Clean Water Act requires each state to identify waters within its boundaries that are not currently meeting or maintaining water quality standards (33 U.S. Code § 1313 (d)(1)). Water quality standards consist of the beneficial uses for which waterways are used, as well as water quality objectives set at specified levels to maintain the beneficial uses. In 1994, the Sacramento and Feather Rivers were listed as impaired by diazinon by the Regional Water Board. As a result of the 303(d) listings, the Regional Water Board adopted a TMDL in accordance with the federal Clean Water Act (33 U.S. Code § 1313 (d)(1)). Loads established in a TMDL are required to implement the applicable water quality standards, considering seasonal variations and a margin of safety (*Id.*). In addition to adopting a TMDL, the Regional Water Board also prepared and adopted a Basin Plan Amendment that included new water quality objectives for diazinon, as well as an implementation plan. The Basin Plan Amendment was intended to establish an orchard runoff control program that focused on protecting the Sacramento and Feather Rivers from the impacts of diazinon.

More specifically, the Regional Water Board adopted (and the State Water Board and U.S. EPA approved) diazinon water quality objectives of 0.080 µg/L as a 1-hour average (i.e., acute objective) and 0.050 μg/L as a 4-day average (i.e., chronic objective). At the time of adoption (and subsequently), questions were raised about the validity of the objectives and the studies from which the objectives were derived. As a result of subsequent litigation, the Regional Water Board committed to reviewing the objectives by July 1, 2007, and potentially amending the objectives by July 1, 2008. The Regional Water Board adopted new amendments to revise the diazinon objectives to 0.16 µg/L, as a 1-hour average, and 0.10 µg/L, as a 4-day average (Basin Plan Amendments to the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins for the Control of Diazinon and Chlorpyrifos Runoff into the Sacramento and San Joaquin River Basins). The revised Basin Plan Amendment also included acute (1-hour average) and chronic (4-day average) water quality objectives for chlorpyrifos, another OP pesticide that was used extensively throughout the Sacramento Valley. 4 The previously approved Basin Plan Amendment contained requirements for an Orchard Pesticide Runoff and Diazinon Runoff Control Program. As part of the Control Program, the Regional Water Board required dischargers of diazinon to submit a management plan that "describes actions that the discharger will take to reduce diazinon discharges and meet the applicable allocations by the required compliance date." In lieu of individual discharger plans, the Basin Plan Amendment allows a discharger group or coalition to submit management plans.

The Basin Plan Amendments (R5-2007-0034 and R5-2006-0061) require dischargers, either individually or as a coalition, to submit a management plan that describes the actions that they will take to reduce chlorpyrifos and diazinon discharges and meet the applicable allocations by the required compliance dates. The Coalition's Management Plan (SVWQC 2009) includes a process for source identification and identification of additional management practices that may be needed to achieve additional reductions in chlorpyrifos and diazinon discharges. Quarterly meetings are held with the Regional Water Board in order to evaluate progress in

⁴The 2007 Basin Plan Amendment also included objectives for chlorpyrifos: **0.025 μg/L** as a 1-hour average and **0.015 μg/L** as a 4-day average.

meeting these reductions, and revisions to the Management Plan will be made if sufficient progress is not being achieved.

The Coalition continues to monitor chlorpyrifos and diazinon according to the Coalition's approved monitoring schedules (i.e., annual Monitoring Plan Updates) and the SVWQC Monitoring and Reporting Program (MRP) Order⁵. The monitoring locations are representative of agricultural discharges to the Sacramento River, Feather River, and other Delta waterways. This monitoring will continue to provide information on the wide range of discharges and hydrologic conditions likely to occur in the Sacramento Valley watershed and Delta. The Coalition's approved 2010 Addendum to the Management Plan presents the technical rationale for selecting the representative monitoring locations for the TMDL compliance monitoring and for the schedule for chlorpyrifos and diazinon monitoring.

Monitoring to augment the routine ILRP Core and Assessment monitoring is conducted at existing Coalition monitoring sites in water bodies where at least one chlorpyrifos and/or diazinon exceedance has occurred and that are directly tributary to the affected TMDL water bodies. Coalition efforts in these subwatersheds include, but are not limited to: (1) continued monitoring during time periods when peak pesticide application use occurs, (2) analysis of California Department of Pesticide Regulation Pesticide Use Reporting (PUR) data, (3) holding subwatershed grower meetings, (4) continuing to encourage and evaluate implementation of management practices that reduce or prevent the movement of pesticides from their site of application to receiving waters, and (5) addressing the seven compliance components described in the Basin Plan and listed below in conjunction with other entities identified as potential sources of discharges. Additional activities addressing Basin Plan and MRP Order requirements for source identification, outreach, and management practice evaluation are described in the Coalition's 2016 Comprehensive Surface Water Quality Management Plan (CSQMP).

The Coalition's monitoring frequency and locations are evaluated and updated annually for the Monitoring Plan Updates, subject to approval by the Executive Officer of the Regional Water Board. These annual updates are required by the WDR. The CSQMP was most recently updated and approved by the Regional Water Board in November 2016. Site-specific Management Plans are included as addenda to the CSQMP as they are developed by the Coalition and approved by the Central Valley Water Board. Implementation of the approved 2016 CSQMP is the primary mechanism for addressing exceedances observed in the Coalition's surface water monitoring. Beginning with the 2018 Monitoring Year (October 2017 – September 2018), the Coalition was required to schedule its pesticide monitoring according to the requirements set forth in the Regional Water Board's 2016 Pesticides Evaluation Protocol (PEP). The PEP requires the Coalition to monitor specific registered pesticides, including chlorpyrifos and diazinon, based on (1) their rate of application in a given Coalition drainage (lb applied per drainage) and (2) a pesticide-specific relative risk (the ratio of the amount of chemical applied to a reference value with a specific averaging period).

⁵ The WDR was initially adopted in 2014 (R5-2014-0030-11) and has been revised multiple times, most recently in February 2023.. Prior to adoption of the WDR, the Coalition was subject to a Conditional Waiver of Waste Discharge Requirements for the Irrigated Lands Regulatory Program (ILRP) and subsequent amendments to the ILRP requirements (WQO-2004-0003, SWRCB 2004, R5-2005-0833, R5-2008-0005, R5-2009-0005, R5-2009-0005, R5-2008-0005, R5-200 0875).

On May 6, 2015, the California Department of Pesticide Regulation (CDPR) filed the final documentation to add chlorpyrifos to the list of State Restricted Use Pesticides. This rule, which became effective on July 1, 2015, affected all products containing chlorpyrifos as an active ingredient (AI) when labeled for production of an agricultural commodity. The state-restricted⁶ status required that all chlorpyrifos products registered for production agricultural use must adhere to additional requirements for all California restricted materials. As noted in the introduction, CDPR restricted the sale of chlorpyrifos on February 6, 2020, and banned its use and possession after December 31, 2020.

MONITORING OBJECTIVES

The purpose of the TMDL monitoring is to determine whether numeric water quality objectives for chlorpyrifos and diazinon contained in the Basin Plan are continuing to be met in the Sacramento and Feather Rivers, as well as other Sacramento-San Joaquin Delta waterways. Specifically, the Basin Plan identifies the goals listed in Table 1 (Chapter V. Surveillance and Monitoring, page V-4.00) for compliance monitoring for the TMDL. These goals are addressed in the Compliance Monitoring Report.

Table 1. Basin Plan Amendment TMDL Compliance Monitoring Goals

	Compliance Monitoring Goal	Report Section Heading(s)	Page(s)
1.	Determine compliance with established water quality objectives and loading capacity for chlorpyrifos and diazinon in the Sacramento and Feather Rivers and the Sacramento-San Joaquin Delta	Monitoring Results	8-12
2.	Determine compliance with established waste load allocations and load allocations for chlorpyrifos and diazinon	Discussion	13-24
3.	Determine the degree of implementation of management practices to reduce off-site migration of chlorpyrifos and diazinon	Outreach and Follow-Up Regarding TMDL Exceedances	25
4.	Determine the effectiveness of management practices and strategies to reduce off-site migration of chlorpyrifos and diazinon	Outreach and Follow-Up Regarding TMDL Exceedances	25
5.	Determine whether alternatives to chlorpyrifos and diazinon are causing surface water quality impacts	Toxicity and Additional Pesticide Results	25-26

⁶ State-restricted materials include pesticides deemed to have a higher potential to cause harm to public health, farm workers, domestic animals, honeybees, the environment, wildlife, or other crops compared to other pesticides. Additional information is available at: http://www.cdpr.ca.gov/docs/enforce/permitting.htm

	Compliance Monitoring Goal	Report Section Heading(s)	Page(s)
6.	Determine whether the discharge causes or contributes to a toxicity impairment due to additive or synergistic effects of multiple pollutants	Compliance with Load Allocations in the TMDL Receiving Water Bodies; Toxicity and Additional Pesticide Results	18-24; 25-26
7.	Demonstrate that management practices are achieving the lowest pesticide levels technically and economically achievable	Summary	27

SAMPLING SITES

A map of the Coalition's original 2010 TMDL compliance monitoring sites for chlorpyrifos and diazinon is presented in Figure 1. Locations within the Coalition area for monitoring of chlorpyrifos and diazinon to satisfy the TMDL requirements are presented in Table 2. Compliance with TMDL objectives and loading capacity concentrations are assessed at the 14 sites identified as compliance monitoring sites, when sites are monitored. These specific sites were selected because they are within the TMDL watersheds, are tributary to the TMDL water bodies, and have minimal non-agricultural influences. The schedule of monitoring for OP pesticides at these compliance sites is documented in the Coalition's annual Monitoring Plan Updates. The seasonal timing of the Coalition's ILRP pesticide monitoring at individual sites is based on pesticide use patterns in each drainage, as characterized in the Coalition's approved 2009 Monitoring and Reporting Program Plan (MRPP). These monitoring schedules were retained for any TMDL monitoring performed through the 2017 Monitoring Year, but were revised beginning in the 2018 Monitoring Year, following (1) the new requirement for the Coalition to develop its Monitoring Plan Update using the Regional Water Board's Pesticides Evaluation Protocol and (2) TMDL compliance monitoring reductions approved by Regional Water Board management related to the Coalition's participation in the Delta Regional Monitoring Program (Delta RMP). The approved monitoring reductions include the elimination of chlorpyrifos/diazinon TMDL compliance monitoring for the Coalition's non-Representative, Representative, and Integration sites that do not possess an active Management Plan for chlorpyrifos or diazinon.

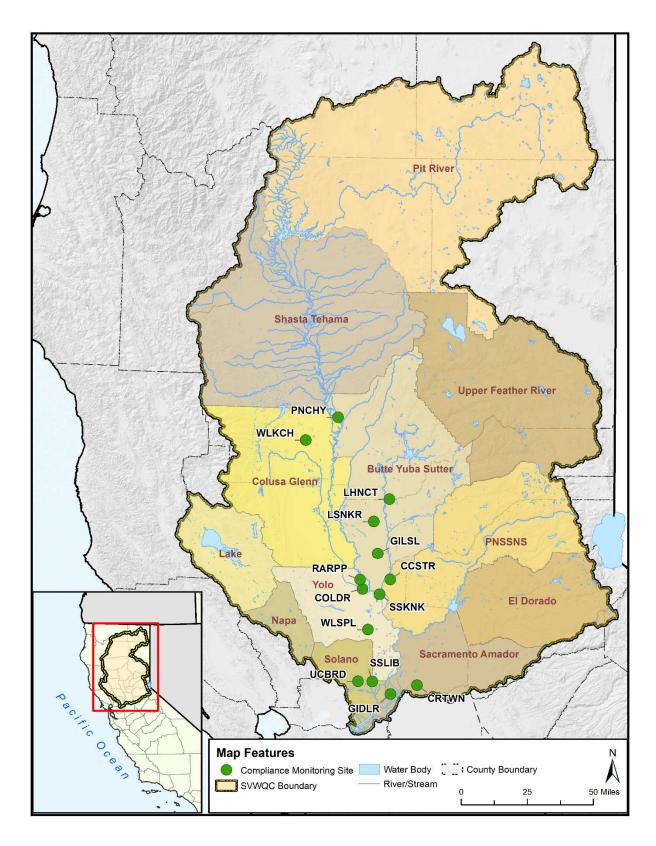


Figure 1. Coalition 2010 Compliance Monitoring Sites for Chlorpyrifos and Diazinon Runoff Management Plan

Table 2. Coalition 2010 Compliance Monitoring Sites for Chlorpyrifos and Diazinon Runoff Management Plan

Subwatershed	Location	Site ID	Latitude	Longitude	Delta, Sacramento, or Feather River Basin Subarea
Butte Yuba Sutter	Gilsizer Slough at George Washington Road	GILSL	39.0090	-121.6716	Lower Feather River, Sac. River
Butte-Yuba-Sutter	Lower Honcut Creek at Hwy 70	LHNCT	39.30915	-121.59542	Feather River
Butte-Yuba-Sutter	Lower Snake River at Nuestro Road	LSNKR	39.18531	-121.70358	Feather River
Butte-Yuba-Sutter	Pine Creek at Highway 32	PNCHY	39.75338	-121.97124	Sac. River
Butte-Yuba-Sutter	Sacramento Slough Bridge near Karnak	SSKNK	38.7850	-121.6533	Sac. River, Northern Delta
Colusa-Glenn	Colusa Basin Drain above Knight's Landing	COLDR	38.8121	-121.7741	Sac. River
Colusa-Glenn	Rough and Ready Pumping Plant (RD 108)	RARPP	38.86209	-121.7927	Sac. River, NW Delta
Colusa-Glenn	Walker Creek near 99W and CR33	WLKCH	39.62423	-122.19652	Sac. River
PNSSNS	Coon Creek at Striplin Road	CCSTR	38.8661	-121.5803	Sac. River
Sacramento-Amador	Cosumnes River at Twin Cities Road	CRTWN	38.29098	-121.38044	Eastern Delta
Sacramento-Amador	Grand Island Drain near Leary Road	GIDLR	38.2399	-121.5649	Northern Delta
Solano	Shag Slough at Liberty Island Bridge	SSLIB	38.30677	-121.69337	NW Delta
Solano	Ulatis Creek at Brown Road	UCBRD	38.3070	-121.7940	NW Delta
Yolo	Willow Slough Bypass at Pole Line	WLSPL	38.59015	-121.73058	NW Delta

Monitoring Results

All TMDL monitoring data through September 2022 have been previously submitted to the Regional Water Board as required by the ILRP. A complete set of relevant monitoring data for Coalition compliance sites collected from January 2009 through September 2022 is also provided in Appendix A.

DATA INTERPRETATION

Assessment of Data Quality Objectives

The data quality objectives for the TMDL monitoring effort are described in the Coalition's Quality Assurance Project Plan (QAPP) for the ILRP. All quality assurance (QA) samples for TMDL compliance monitoring are integrated into the Coalition's ILRP monitoring program. As required by the ILRP, the results of these QA samples have been submitted to the Regional Water Board on a quarterly basis along with targeted environmental monitoring results.

Representativeness of the data collected was assured by selection of appropriate sampling and analytical methods. There was no deviation from the standard operating procedures specified in the QAPP, and the data are considered adequately representative for the purpose of the compliance monitoring program. Analytical precision is assessed by analyzing laboratoryprepared matrix spike duplicates, and sampling precision is evaluated by analyzing fieldcollected sample replicates. Analytical accuracy is assessed by routine calibration and analysis of a laboratory-prepared matrix and by addition of surrogate organic compounds to sample matrices. Based on the results of field and laboratory QA analyses, precision and accuracy tests met program data quality objectives and were adequate for the purposes of the monitoring compliance program.

Completeness is defined as the percent of planned data that were successfully collected and analyzed. All of the samples planned for October 2020 through September 2022, except for six samples at Gilsizer Slough at George Washington Road, were successfully collected and analyzed. The samples at Gilsizer Slough were not collected by Coalition field staff due to the completion of the Chlorpyrifos Management Plan and the cessation of its required monitoring. Additional chlorpyrifos and diazinon samples were collected at several sites, due to the need to pair them with QA samples. These extra samples contributed to the total collected samples exceeding total planned samples for October 2020 through September 2022 (i.e., four additional samples were collected beyond the 23 scheduled water column samples for a total of 27 samples). Based on the total number of planned and analyzed samples, overall completeness for planned chlorpyrifos and diazinon analyses from January 2009 through September 2022 is 100% (Table 3). It should be noted that several TMDL compliance sites were not monitored during the October 2020 through September 2022 period because of the approved compliance monitoring reductions related to the Coalition's participation in the Delta RMP, as described in an approval letter from the Central Valley Water Board provided in Appendix B. Compliance sites that were not monitored during the past two years are noted with "---" in Table 3.

Table 3. TMDL Compliance Sampling Completeness Summary

	JAN 2	009 –	OCT 2	.020 –	JAN 2	009 –
	SEP 2020		SEP 2022 ¹		SEP 2022	
Compliance Site	Planned	Collected	Planned	Collected	Planned	Collected
Colusa Basin Drain above Knight's Landing	60	61			60	61
Coon Creek at Striplin Road	25	25			25	25
Cosumnes River at Twin Cities Road	31	20			31	20
Gilsizer Slough at George Washington Road	44	46	16	10 ²	60	56
Grand Island Drain near Leary Road	45	48	1	2	46	50
Lower Honcut Creek at Hwy 70	42	43	3	3	45	46
Lower Snake River at Nuestro Road	44	46			44	46
Pine Creek ³	66	65			66	65
Rough and Ready Pumping Plant (RD 108)	36	37			36	37
Sacramento Slough bridge near Karnak	37	38	2	8	39	46
Shag Slough at Liberty Island Bridge	44	44	1	4	45	48
Ulatis Creek at Brown Road	76	77			76	77
Walker Creek near 99W and CR33	42	35			42	35
Willow Slough Bypass at Pole Line	50	52			50	52
Totals	642	637	23	27	665	664
Percent Completeness		99%		117%		100%

^{1.} Monitoring was not conducted at sites noted with "---" during the 2021 Monitoring Year (October 1, 2020-September 30, 2021) and 2022 Monitoring Year (October 1, 2021-September 30, 2022) based on approved TMDL compliance monitoring reductions related to the Coalition's participation in the Delta Regional Monitoring Program (Delta RMP).

^{2.} Six samples were not collected due to the cessation of Management Plan monitoring with the completion of the Gllsizer Slough Chlorpyrifos Management Plan as approved by the Regional Water Board's Executive Officer on 7 July 2022.

^{3.} Beginning with Event 96 (February 2014), the Pine Creek monitoring site was moved from Nord-Gianella Road (PNCGR) to Highway 32 (PNCHY).

Comparison with TMDL Objectives and Discussion of Exceedances

A summary of the number of analyses of water quality samples collected from January 2009 through September 2022 for TMDL compliance monitoring is presented in Table 4 and Table 5 for chlorpyrifos and diazinon, respectively. The number of results that exceeded water quality objectives at a given monitoring site is also indicated in each table.

Table 4. Summary of 2009-2022 TMDL Monitoring Results for Chlorpyrifos

<u> </u>		*	•	•		
		2009 – 2020		2020 – 2022		2009 – 2022
Compliance Site	>WQO	# of Samples	>WQO	# of Samples	Total >WQO	Fotal Samples
Colusa Basin Drain above Knight's Landing	Ô	56			0	56
Coon Creek at Striplin Road	1	25			1	25
Cosumnes River at Twin Cities Road	0	19			0	19
Gilsizer Slough at George Washington Road	5	55	0	5	5	60
Grand Island Drain near Leary Road	2	51			2	51
Lower Honcut Creek at Hwy 70	0	43			0	43
Lower Snake River at Nuestro Road	0	44			0	44
Pine Creek ¹	8	58			8	58
Rough and Ready Pumping Plant (RD 108)	0	37			0	37
Sacramento Slough bridge near Karnak	0	37	0	1	0	38
Shag Slough at Liberty Island Bridge	1	43			1	43
Ulatis Creek at Brown Road	5	76			5	76
Walker Creek near 99W and CR33	1	34			1	34
Willow Slough Bypass at Pole Line	2	52			2	52
Totals	25	630	0	6	25	636
1. Paginning with Event 06 (Eabruary 2014), the Dine Creak manitoring site was moved from Nord Gianella Boad (DNCCD) to						

^{1.} Beginning with Event 96 (February 2014), the Pine Creek monitoring site was moved from Nord-Gianella Road (PNCGR) to Highway 32 (PNCHY).

Table 5. Summary of 2009-2022 TMDL Monitoring Results for Diazinon

JAN 2009 – OCT 2020			2020 –	- JAN 2009 –	
SEP	2020	SEP	2022	SEP	2022
>WQO	# of Samples	>WQO	# of Samples	Total >WQO	Total Samples
0	56			0	56
0	25			0	25
0	17			0	17
4	55	0	5	4	60
3	49	0	2	3	51
0	38	0	3	0	41
0	41			0	41
0	46			0	46
0	37			0	37
0	36	0	3	0	39
0	42	0	2	0	44
0	76			0	76
0	31			0	31
0	52			0	52
7	601	0	15	7	616
	SEP OOM O O O O O O O O O O O	SEP 2020 Sep 20	SEP 2020 SEP 20	SEP 2020 SEP 2022 Sep 2020 SEP 2022 Sep 2022 Sep 2022 Sep 2024 Sep 2022 Sep 2024 Sep 2024 Sep 2025 Sep 2024 Sep 2025 Sep 2024 Sep 2026 Sep 2024 Sep 2026 Sep 2024 Sep 2027 Sep 2025 Sep 2027 Sep 2025 Sep 2027 Sep 2025 Sep 2025 Sep 2025<	SEP 2020 SEP 2022 SEP 2022 OOM Sep 2022 Sep 2022

^{1.} Beginning with Event 96 (February 2014), the Pine Creek monitoring site was moved from Nord-Gianella Road (PNCGR) to Highway 32 (PNCHY).

Compliance with Concentration-Based and Load-Based TMDL Objectives

Concentrations of chlorpyrifos and diazinon were compared to the Basin Plan objectives for the Sacramento and Feather Rivers and Delta.

Chlorpyrifos

Between October 2020 through September 2022, chlorpyrifos was not detected in any of the six samples (0% detection rate) collected at the two (2) compliance monitoring locations that were monitored during this time period. No samples exceeded the Basin Plan 4-day chronic objective (0.015 μ g/L) nor the 1-hour acute objective (0.025 μ g/L) for chlorpyrifos.

Diazinon

Between October 2020 through September 2022, diazinon was not detected in any of the 15 samples (0% detection rate) collected at five (5) compliance monitoring locations that were

monitored during this period. No samples exceeded the Basin Plan 4-day chronic objective (0.10 μ g/L) nor the 1-hour acute objective (0.16 μ g/L) for diazinon.

As no samples collected showed detectable concentrations of chlorpyrifos or diazinon between October 2020 and September 2022, load estimates are not calculated. Loads for detected concentrations, if measured, would be calculated using the following method.

Load Estimates

When detectable concentrations of chlorpyrifos and diazinon are measured in water quality samples, instantaneous loads were calculated for all compliance sites. Loads were calculated as:

$$Load = Q \times C \times UCF$$

Where, Load is the instantaneous load expressed in g/day,

Q = instantaneous discharge in cubic feet per second (cfs)

C = sample chlorpyrifos or diazinon concentration in μ g/L, and

UCF = a unit conversion factor of 2.45 (g*second*L/ μ g*day*cubic feet)⁷.

The Basin Plan TMDL amendments also implement measures designed to address the additive toxicity of chlorpyrifos and diazinon. Compliance with the TMDL Load Allocations for non-point sources was determined using the methodology outlined in the Basin Plan Amendments for the Control of Diazinon and Chlorpyrifos Runoff (Resolutions R5-2007-0034 and R5-2006-0061). This methodology takes into account the additive effects of chlorpyrifos and diazinon.

Compliance was calculated using the following equation:

$$S = \frac{C_D}{WOO_D} + \frac{C_C}{WOO_C} \le 1.0$$

Where the loading concentration may not exceed the Sum(S) of one (1.0):

 C_D = diazinon concentration in μ g/L; analytical results reported as "non-detected" concentrations are considered to be zero

 C_C = chlorpyrifos concentration in μ g/L; analytical results reported as "non-detected" concentrations are considered to be zero

 $WQO_D = 1$ -hour (0.10 µg/L) or 4-day average (0.16 µg/L) diazinon water quality objective in μg/L

 WQO_C = 1-hour or 4-day average chlorpyrifos water quality objective in $\mu g/L$

⁷ Unit conversion factor: [1 g/ 1,000,000 μg]*[86,400 seconds/day]*[28.32 liter/cubic foot]

Discussion

The California Department of Pesticide Regulation (CDPR) has documented the decline in use of insecticide organophosphate chemicals, including chlorpyrifos and diazinon, for nearly every year since 1995. Irrigated agricultural PUR data from the five most recent years available, 2017 through 2021, show continued reductions in statewide use of both pesticides (see **Table 6**). The significant decrease in the use of chlorpyrifos over the 4-year period was likely caused by the pesticide being designated as a state-restricted material on July 1, 2015. This decreasing trend in chlorpyrifos use was expected to reach zero use by January 2021 due to the use prohibition by agriculture that went into effect on December 31, 2020. In the six Coalition subwatersheds within the TMDL compliance region (Butte-Yuba-Sutter; Glenn-Colusa; Placer-Nevada-South Sutter-North Sacramento (PNSSNS); Sacramento-Amador; Solano; Yolo), a substantial (100%) decrease in the application of chlorpyrifos also occurred between 2017 and 2021. A slightly more modest (46%) decrease in diazinon use was observed among the six subwatersheds over the same period.

As illustrated in Figure 2, agriculture's use of chlorpyrifos has shown upswings and downturns in use over the years until the noticeable decrease observed beginning in 2016. The steady decrease dropped dramatically in 2019, where use became nearly non-existent up until the chlorpyrifos ban at the end of 2020. In contrast, diazinon use in the region showed a steady decrease from 2003 to 2011, before stabilizing in 2012 (see Figure 3). With the exception of a sharp increase in 2017, diazinon use has remained relatively steady since 2016.

Table 6. Irrigated Agricultural Chlorpyrifos and Diazinon Use in California and the Six Coalition Subwatersheds: 2017 – 2021

Year	Area	Pesticide	Pounds Applied	% Annual Change	% Five-Year Change	
2017			945,769	N/A		
2018			600,381	-37%		
2019	Statewide	Chlorpyrifos	10,430	-98%	-99	
2020			12,685	22%		
2021			5,307	-58%		
2017			78,602	N/A		
2018	Six Coalition Subwatersheds		53,331	-32%		
2019			Chlorpyrifos	240	-100%	-100
2020			665	177%		
2021			0 -100%		1	
2017			72,435	N/A		
2018			33,430	-54%		
2019	Statewide	Diazinon	40,009	20%	-50	
2020			45,435	14%		
2021			36,343	-20%		
2017			52,403	N/A		
2018	Six Coalition Subwatersheds		19,779	-62%		
2019		Diazinon	30,068	52%	-46	
2020			36,742	22%		
2021			28,199	-23%		

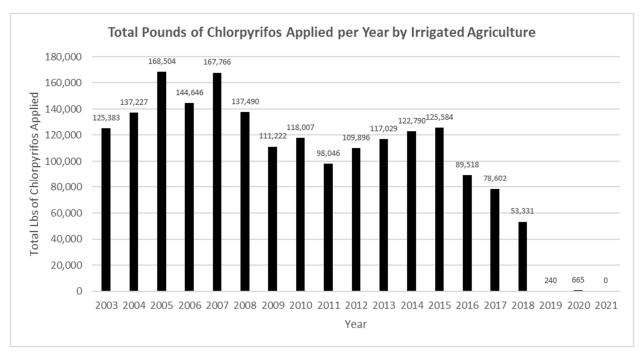


Figure 2. Trends in Agricultural Use of Chlorpyrifos (2003 - 2021)

The data plotted above are for the six Coalition subwatersheds in the TMDL compliance region (Butte-Yuba-Sutter; Colusa-Glenn; Placer-Nevada-South Sutter-North Sacramento; Sacramento-Amador; Solano; Yolo) and were taken from the California Department of Pesticide Regulation PUR Database.

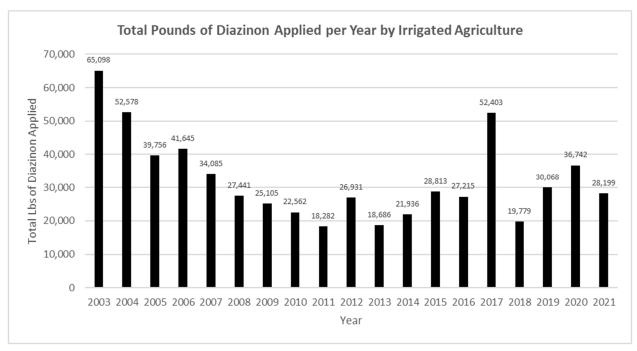


Figure 3. Trends in Agricultural Use of Diazinon (2003 – 2021)

The data plotted above are for the six Coalition subwatersheds in the TMDL compliance region (Butte-Yuba-Sutter; Colusa-Glenn; Placer-Nevada-South Sutter-North Sacramento; Sacramento-Amador; Solano; Yolo) and were taken from the California Department of Pesticide Regulation PUR Database.

From the beginning of the Coalition's monitoring efforts (January 2005) through September 2022, there have been 827 samples collected and analyzed for chlorpyrifos and 804 samples collected and analyzed for diazinon under the ILRP at the 14 compliance sites. Results for Coalition monitoring at TMDL compliance sites are summarized in **Table 7**.

Table 7. Summary of Chlorpyrifos and Diazinon Exceedances in Coalition Monitoring at TMDL Compliance Sites, 2005-2022

Constituent	Exceedances ¹	Non-Exceedances ¹	Total Samples ¹
Chlorpyrifos	35	792	827
Diazinon	10	794	804
Total	45	1,586	1,631

^{1.} Data for the six Coalition subwatersheds in the TMDL compliance region (Butte-Yuba-Sutter, Colusa-Glenn, Placer-Nevada-South Sutter-North Sacramento, Sacramento-Amador, Solano; Yolo)

There has been a total of 45 combined exceedances of chlorpyrifos and diazinon (approximately 2% of all samples) observed in Coalition monitoring at the TMDL compliance sites from January 2005 through September 2022. Of the 45 total exceedances, 35 have been for chlorpyrifos (~4% of total samples analyzed for chlorpyrifos) and ten have been for diazinon (~1% of total samples analyzed for diazinon). These exceedances have been observed at nine of the 14 compliance sites, with seven sites having more than one exceedance. At six of the compliance sites (Colusa Basin Drain, Cosumnes River, Lower Honcut Creek, Lower Snake River, Rough and Read Pumping Plant, Sacramento Slough), there have been no exceedances observed in Coalition monitoring since January 2009. With respect to the 21 samples collected and analyzed from October 2020 through September 2022 for TMDL compliance monitoring, there were no exceedences at any of the sites monitored. The rates of exceedance have been decreasing since the 2016 Monitoring Year (Figure 4).

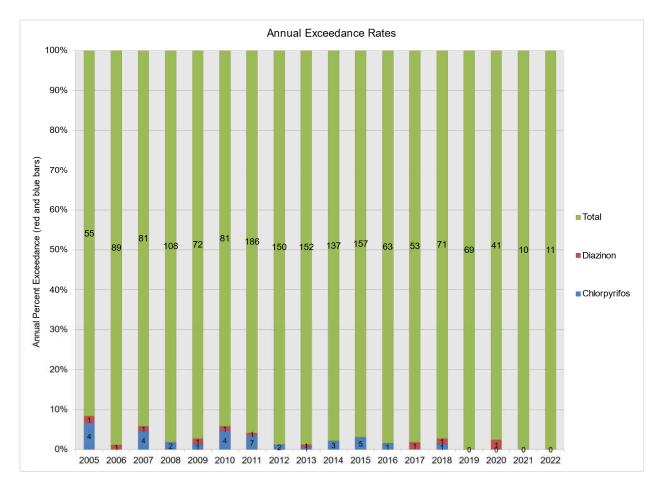


Figure 4: Annual Exceedance Rates at TMDL Compliance Sites, 2005-2022.

Annual exceedance rates are calculated as the sum of exceedances for each pesticide divided by the total number of samples of both pesticides analyzed for the year. Numeric labels indicate actual number of samples in compliance or in exceedance for each pesticide.

COMPLIANCE WITH LOAD ALLOCATIONS IN THE TMDL RECEIVING WATER **BODIES**

In separate TMDL monitoring conducted by the Coalition from 2006 to 2008, there were two diazinon exceedances observed at one of the compliance sites (Colusa Basin Drain) in 2008,8 and no exceedances observed in 2006 and 2007. Chlorpyrifos was not detected in any TMDL samples collected from the five TMDL monitoring locations sampled from 2006 to 2008 (Sacramento River at Colusa, Colusa Basin Drain, Sacramento Slough, Feather River above Yuba City, and Feather River near Verona). Although two diazinon exceedances were observed in 2008, the majority of the 95 samples collected from 2006 through 2008 and all 21 concentrations estimated at the Sacramento River at Verona monitoring location were in compliance with the TMDL objectives. The overall monitoring results for the TMDL indicate that the combination of outreach and education, the increased awareness and the resulting changes in diazinon use patterns and management practices, and the modifications to pesticide labeling have been successful in reducing instream ambient chlorpyrifos and diazinon concentrations and loads below the historically observed levels that resulted in listing the Sacramento River and Feather River as impaired for chlorpyrifos and diazinon. The relatively low rate of exceedances observed in the current TMDL compliance monitoring of the tributaries to these water bodies further indicates that the TMDL objectives will continue to be met.

The TMDL compliance monitoring conducted from 2006-2008 in the named TMDL water bodies indicated that conditions have improved and that these water bodies are generally in compliance with the TMDL. After 2008, continued compliance with the TMDL in the named TMDL water bodies has been assessed indirectly through analysis of monitoring conducted primarily in tributary water bodies (see **Table 2**). The TMDL compliance monitoring from 2009 through 2022 was conducted at Coalition monitoring sites that were selected to be representative of the larger drainage areas that contribute flows and pollutant loads to the receiving water bodies specifically identified for compliance in the TMDL.

Data from the compliance sites monitored from 2009 through September 2022 can be used in a number of ways to evaluate whether compliance in named TMDL water bodies is continuing and/or improving. The three following scenarios are evaluated for TMDL receiving waters for all cases where compliance monitoring site concentrations exceeded or equaled the 1.0 TUc (4day average) concentration-based Load Allocation. As no concentrations exceeded or equaled the 1.0 TUc (4-day average) concentration-based Load Allocation for 2020 – 2022 compliance monitoring sites, this evaluation was not conducted.

Scenario 1: No Upstream Receiving Water Loads

The first level of evaluation is to determine whether the loads observed in the individual monitored water bodies were sufficient to directly cause exceedances in the named TMDL receiving water bodies. This was accomplished by simple mass load calculations based on the measured loads at the compliance sites and a conservative estimate of the receiving water

⁸ Diazinon Runoff Management Plan for Orchard Growers in the Sacramento Valley: 2008 Annual Report. Sacramento Valley Water Quality Coalition. June 2008.

discharge volume. The receiving water discharges were based on measured flows in Delta tributaries and tidal fluxes for the Delta (Liberty Island) reported by the Department of Water Resources California Data Exchange Center (CDEC)⁹. The relationship between all monitoring sites and receiving water flow sites is illustrated in Figure 5.

This initial evaluation assumes no chlorpyrifos or diazinon loads (TUc = 0) in the upstream receiving water.

⁹ CDEC Historical Data Selector available at: http://cdec.water.ca.gov/selectQuery.html

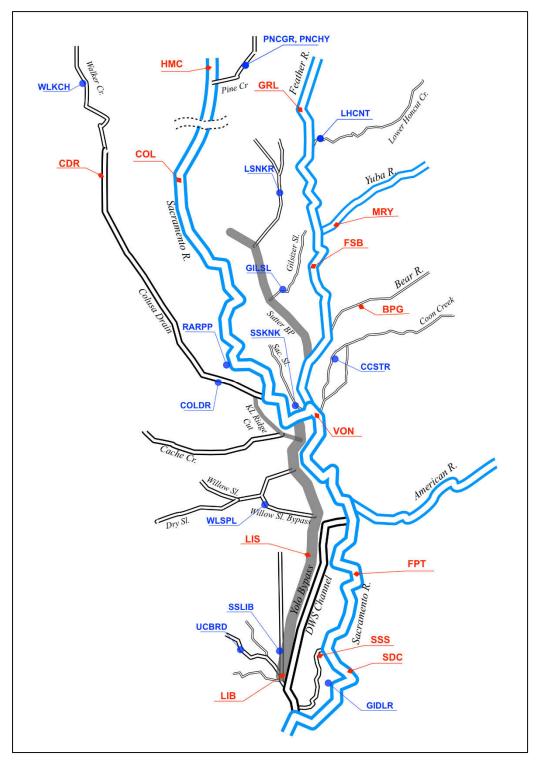


Figure 5. Compliance and Flow Monitoring Sites used for Analysis of Receiving Water Impacts. (Key for sites on following page)

Table 8. Key to Compliance and Flow Monitoring Sites Shown in Figure 5

Feature	Key	Description
Compliance Monitoring Sites	WLKCH	Walker Creek near 99W and CR33
	PNCGR	Pine Creek at Nord Gianella Road (retired)
	PNCHY	Pine Creek at Highway 32
	LHCNT	Lower Honcut Creek at Hwy 70
	LSNKR	Lower Snake River at Nuestro Road
	GILSL	Gilsizer Slough at George Washington Road
	CCSTR	Coon Creek at Striplin Road
	RARPP	Rough and Ready Pumping Plant (RD 108)
	SSKNK	Sacramento Slough Bridge near Karnak
	COLDR	Colusa Basin Drain above Knight's Landing
	WLSPL	Willow Slough Bypass at Pole Line
	SSLIB	Shag Slough at Liberty Island Bridge
	UCBRD	Ulatis Creek at Brown Road
	GIDLR	Grand Island Drain near Leary Road
	CRTWN	Cosumnes River at Twin Cities Road (offscale, not included in figure)
Flow Monitoring Sites	НМС	Sacramento River at Hamilton City
	COL	Sacramento River at Colusa
	VON	Sacramento River at Verona
	FPT	Sacramento River at Freeport
	SDC	Sacramento River at the Delta Cross- Channel
	CDR	Colusa Drain at Highway 20
	LIS	Yolo Bypass at Lisbon
	LIB	Liberty Island at South Center End
	SSS	Steamboat Slough between Sutter Slough and Sacramento River
	GRL	Feather River at Gridley
	MRY	Yuba River at Marysville
	FSB	Feather River above Star Bend
	BPG	Bear River at Pleasant Grove

Scenario 2: Upstream Receiving Water Loads Equivalent to Additional Represented Loads Extrapolated from Compliance Sites

This evaluation uses the same methods as Scenario 1 above but assumes that the loads in the upstream receiving waters are equal to the additional loads from the irrigated acreage represented by the compliance site where an exceedance was observed. The additional loads from the represented irrigated acres were extrapolated from the compliance site loads using the following extrapolation factor:

$$\left(\frac{Represented\ Irrigated\ Acres}{Compliance\ Drainage\ Irrigated\ Acres}\right)$$
x Compliance Site Frequency of Exceedance

Where the ratio of irrigated acres accounts for that additional represented acreage, and the frequency of exceedance (for 2009 through the current reporting year) accounts for the probability of individual represented drainages exceeding the concentration-based Load Allocation.

Scenario 3: Reasonable "Worst Case", Upstream Receiving Water Loads Approaching Load Allocation

This evaluation also uses the same methods as Scenarios 1 and 2 but assumes that the cumulative loads in the upstream receiving waters are 90% of the TMDL concentration-based Load Allocation (i.e., 0.9 TUc). This scenario represents a reasonable "worst case" scenario for receiving water conditions coinciding with exceedances at the compliance sites.

Summary of Evaluation of Compliance with Load Allocations

Continued compliance in the TMDL-named water bodies with the TMDL concentration-based Load Allocations can also be inferred from several lines of evidence:

- Past compliance in TMDL water bodies has been demonstrated through direct monitoring of the named TMDL water bodies.
- Use of diazinon and chlorpyrifos in the Sacramento Valley watersheds that drain to these TMDL water bodies continues to decrease with chlorpyrifos reaching zero use in 2021 due to its use prohibition by agriculture going into effect on December 31, 2020.
- There is a decreasing trend in the frequency of exceedances for chlorpyrifos and diazinon at the currently monitored TMDL compliance monitoring sites.
- In 2010, the Feather River was removed from the 303(d) list for impairment due to diazinon.
- Loads represented by exceedances observed at individual Coalition TMDL compliance monitoring sites are not sufficient to directly cause an exceedance in the named TMDL water bodies under reasonably expected receiving water conditions.
- Loads and exceedance rates extrapolated from representative compliance sites to larger represented regions are also extremely unlikely to cause exceedances in the named TMDL water bodies.

Loads represented by exceedances observed at individual Coalition TMDL compliance monitoring sites are not sufficient to directly cause an exceedance in the named TMDL water bodies under reasonably worst-case upstream receiving water conditions.

Additional qualitative evidence supporting continued compliance is represented by the ongoing outreach and education efforts to warn of and/or address chlorpyrifos and diazinon exceedances throughout the Coalition area, when such occur. As these efforts continue, it is reasonable to assume that management of pesticide applications and runoff will continue to improve and that exceedances in contributing tributaries and named TMDL receiving waters will continue to decrease in frequency and magnitude.

Historically, changes that were implemented in Yolo County to classify chlorpyrifos and diazinon as restricted materials also have proven successful in further increasing compliance. Coalition monitoring conducted at Yolo County sites since the 2007 implementation of these additional label and use restrictions have resulted in only five additional exceedances in a total of 136 samples at the compliance site sampled in the Yolo subwatershed (Willow Slough). There has never been a diazinon exceedance observed in Willow Slough and there hasn't been a chlorpyrifos exceedance observed at this site since August 2010.

Beginning on July 1, 2015, chlorpyrifos began to be regulated statewide as a restricted material, with similar restrictions to those implemented years earlier in Yolo County. The new staterestricted material status required that all chlorpyrifos products registered for production agricultural use must adhere to three additional requirements for all California restricted materials:

- Applications must be made or supervised by a certified applicator.
- Purchase, possession, or use requires the property operator to obtain a permit from the County Agricultural Commissioner.
- Businesses require a recommendation from a California Department of Pesticide Regulation (CDPR) licensed pest control adviser.

The Coalition submitted formal requests to the Executive Officer of the Regional Water Board for completion of chlorpyrifos management plans in two drainages (Walker Creek and Lower Snake River) in 2013 on the basis that these drainages were meeting and continue to meet water quality objectives. The Walker Creek management plan was approved as complete in January 2014, and the Lower Snake River management plan was approved as complete in March 2015. Additionally, a request for completion of the management plan at Gilsizer Slough for diazinon and Willow Slough for chlorpyrifos were submitted in December 2015. Both were approved for completion in July 2016. The most recent Management Plans for OP pesticides to be deemed complete by the Regional Water Board are those for chlorpyrifos in Ulatis Creek, which received approval on April 2, 2019, chlorpyrifos in Pine Creek, which was approved for completion on August 28, 2020, and chlorpyrifos in Gilsizer Slough, which was approved on July 7, 2022. The Coalition submitted a request to complete the last remaining active OP pesticide Management Plan, diazinon in Gilsizer Slough, in March 2023 and is awaiting its approval. A

summary of the Coalition's active Management Plans for chlorpyrifos and diazinon during the period covered by this report is included in Table 9.

Table 9. Active Management Plans for Chlorpyrifos and Diazinon during October 2020 through September 2022

Subwatershed	Waterbody	Analyte	Management Plan Status ¹
Butte-Yuba-Sutter	Gilsizer Slough	Chlorpyrifos	Request for Completion approved July 7, 2022
	Gilsizer Slough	Diazinon	Request for Completion approved April 12, 2023

^{1.} A Management Plan is triggered when a monitoring result exceeds water quality objectives twice within a 3-year period. To complete the Management Plan, no exceedances may be observed during a 3-year period and growers/applicators must be provided outreach and education specific to management practices known to avoid or limit future agricultural discharges of the subject pesticide to surface waters.

OUTREACH AND FOLLOW-UP REGARDING TMDL EXCEEDANCES

Follow-up actions and source evaluations for exceedances in the TMDL water bodies and tributaries have been reported in past Annual Monitoring Reports and Management Plan Progress Reports and will be reported in future versions of these reports. Typically, the first step taken is to analyze the pesticide application data from the California Department of Pesticide Regulation (CDPR) Pesticide Use Reporting (PUR) database. All users that were considered to have the potential to contribute to the observed chlorpyrifos or diazinon exceedance are contacted directly to inform them of the exceedances and appropriate management practices to reduce the risk of future exceedances.

Descriptions of all outreach and education activities conducted by the Coalition's subwatersheds during October 2020 through September 2022 are provided in Appendix F (SVWQC Outreach Materials) of the Coalition's 2021 and 2022 Annual Monitoring Reports (AMR). The AMR appendices contains chlorpyrifos and diazinon outreach for Management Plans at Gilsizer Slough that were active during the 2021 and 2022 monitoring years, but there was no outreach for any specific exceedances, since none occurred.

The results of pesticide monitoring from October 2020 through September 2022 are reported in the Coalition's 2021 and 2022 AMRs. There were 1,467 individual pesticide results analyzed in 162 water column samples collected from 19 different sites, including those classified as Representative or Special Study sites. Analyses were conducted for organophosphates, carbamates, organochlorines, benzophenyls, pyrethroids, and a variety of herbicides. Greater than 91.5% of all pesticide results were below detection during the two years covered by this report.

Determine Whether the Discharge Causes or Contributes to a Toxicity Impairment Due to Additive or Synergistic Effects of Multiple Pollutants (TMDL Monitoring Goal 6)

Pesticides that have modes of action that are potentially additive to chlorpyrifos and/or diazinon include carbaryl, malathion, methomyl, naled, and dichlorvos (cholinesterase inhibitors). These pesticides are typically detected much less frequently than chlorpyrifos or diazinon. However, none of these pesticides were detected between October 2020 and September 2022.

Reviewing the results of the past five monitoring years indicates that toxicity due to additive or synergistic effects with chlorpyrifos or diazinon is extremely rare. There were 250 individual toxicity results analyzed in water column and sediment samples collected from 17 different sites during the 2020 and 2022 Coalition Monitoring Years. Toxicity analyses were conducted for *Selenastrum capricornutum*, *Ceriodaphnia dubia*, and *Hyalella azteca*. Toxicity to *Ceriodaphnia* was tested 78 times during these two monitoring years and there was never any observed toxicity. The last time that Coalition monitoring observed *Ceriodaphnia* toxicity that was determined to be caused solely by chlorpyrifos, based on measured concentration, was during the 2015 Monitoring Year. With respect to the last ten years of Coalition monitoring, the Coalition can reasonably and definitively conclude that 598 out of 599 samples collected since 2013 did not have additive or synergistic *Ceriodaphnia* toxicity associated with chlorpyrifos or

diazinon (99.8%) and only one sample (0.2%) had toxicity that may potentially have been attributable to additive or synergistic effects with chlorpyrifos and diazinon.

Determine Whether Alternatives to Diazinon and Chlorpyrifos are Causing **Surface Water Quality Impacts (TMDL Monitoring Goal 5)**

Based on our evaluation of the relative risks of current use pesticides, most potential alternatives to chlorpyrifos and diazinon have a much lower risk of causing adverse impacts to surface waters and have not been prioritized for monitoring. One exception to this finding is the category of pyrethroid pesticides, which have been identified as having significant potential to cause toxicity in sediments. The potential current impacts of pyrethroid pesticides are being assessed by the Coalition through toxicity and chemical monitoring of sediment and water column samples, initially driven by the requirement for the Coalition to implement the Regional Water Board's 2016 Pesticides Evaluation Protocol and more recently by the approved Central Valley Pyrethroid Pesticides Total Maximum Daily Load and Basin Plan Amendment¹⁰. Prior to the recent pyrethroid pesticides monitoring effort, the Coalition observed several cases of pyrethroid-caused sediment toxicity and addressed these cases through Management Plans and other targeted outreach mechanisms. However, our longer-term monitoring indicates that sediment toxicity is not a widespread or common problem in the Coalition's subwatersheds. Out of 364 sediment toxicity sample events, there have been only 27 cases (7.4%) of significant toxicity with *Hyalella azteca* survival less than 80% compared to laboratory controls.

¹⁰ Pyrethroid pesticides considered in the 2017 Central Valley Pyrethroid Pesticides Total Maximum Daily Load and Basin Plan Amendment (Amendment) include the following: Bifenthrin, Cyfluthrin, Cypermethrin, Esfenvalerate, Lambda-Cyhalothrin, and Permethrin (The Amendment was adopted by the Central Valley Water Board on June 8, 2017, approved by the State Water Resources Control Board on July 10, 2018, and approved by the Office of Administrative Law on February 19, 2019.)

Summary

Based on the results of the Coalition's routine and TMDL monitoring, compliance with the TMDL water quality objectives and load allocations is achieved in the overwhelming percentage of samples. These results demonstrate that outreach and education, the resulting changes in use patterns and changes in management practices, and modifications to pesticide labeling have been successful in reducing in-stream ambient concentrations of chlorpyrifos and diazinon to the degree required by the TMDL. The relatively low rate of exceedances since the beginning of the ILRP suggests that many of the changes were successfully implemented prior to or soon after 2005. The overall trend from 2005 through September 2022 has been a decrease in the rate of annual exceedances (**Figure 4**). No exceedences were observed in the TMDL tributaries monitored for compliance during the 2021 and 2022 Monitoring Years and therefore, concentrations were determined unlikely to cause exceedances of the TMDL Load Allocations in the named TMDL receiving water bodies under any reasonably probable scenario.

Continuing efforts to further reduce exceedances are being implemented through the Coalition's Management Plans for sites that have triggered Management Plan requirements for these two pesticides. Although a request for completion of the last remaining active OP pesticide Management Plan, diazinon in Gilsizer Slough, was submitted for approval by the Regional Water Board's Executive Officer in March 2023. Additionally, the Coalition aggressively investigates all exceedances and conducts follow-up contact with growers reporting applications that have the potential to cause specific observed exceedances. These combined efforts, along with the implementation of the state-restricted material status for chlorpyrifos in July 2015 and the prohibition of use in December 2020, have resulted in a continuation of the observed decreasing trend in the number of exceedances for these pesticides.

Demonstrating that management practices are achieving the lowest "technically and economically achievable" pesticide concentrations is fundamentally addressed through the TMDL compliance monitoring (Goal 7). The high level of compliance discussed extensively within this Compliance Report is empirical evidence that this goal is being achieved on a broad geographic scale through the practices employed in the Coalition's subwatersheds. Further evidence is provided by the progress toward completion of the Coalition's Management Plans for chlorpyrifos and diazinon. Furthermore, achieving the level of compliance required for completion of the Management Plans is direct evidence that the combination of practices employed are effective at reducing and eliminating discharges of chlorpyrifos and diazinon. Eight Management Plans have already been approved for completion: Lower Coon Creek in the Placer-Nevada-South Sutter-North Sacramento Subwatershed (chlorpyrifos), Walker Creek in the Colusa-Glenn Subwatershed (chlorpyrifos), Willow Slough in the Yolo Subwatershed (chlorpyrifos), Gilsizer Slough in Butte-Yuba-Sutter Subwatershed (diazinon and chlorpyrifos), Lower Snake River in the Butte-Yuba-Sutter Subwatershed (chlorpyrifos), Pine Creek in the Butte-Yuba-Sutter Subwatershed (chlorpyrifos) and Ulatis Creek in the Solano Subwatershed (chlorpyrifos).

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Appendices

Appendix A: Sacramento Valley Sacramento Valley Water Quality Coalition Chlorpyrifos and Diazinon TMDL Monitoring Results, January 2009 – September 2022

Appendix B: Delta Regional Monitoring Program
Participation Approval Letter for Reduced Individual
Monitoring (February 26, 2016)

APPENDIX A

Sacramento Valley Water Quality Coalition Chlorpyrifos and Diazinon TMDL Monitoring Results, January 2009 – September 2022

SiteID	Site Name	Latitude	Longitude	Replicate	Bonort Voor	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
Siteid	Site Name	Latitude	Longitude	Replicate	Report Tear	Sample Date	Category	Wethou	Analyte	Fraction	Result Qual Code	MDL	KL	Unit	Exceedance, 1	
							Category								Exceedance, 1	dav
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	1/20/2010	Physical	FieldMeasure	Discharge	NA	2255.21 =	-88	-88	CFS	NA	NA NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	1/20/2010		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	1/20/2010		EPA 625	Diazinon	UNFILTERED	0.0572 =	0.002	0.004		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		2/17/2010		FieldMeasure	Discharge	NA	-88 NM (high flows)	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	2/17/2010	,	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	2/17/2010		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	3/17/2010		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		3/17/2010		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	3/17/2010		FieldMeasure	Discharge	NA	638 J	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	4/21/2010	Physical	FieldMeasure	Discharge	NA	775 J	-88	-88	CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	4/21/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	4/21/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	5/18/2010	Physical	FieldMeasure	Discharge	NA	0 J	-88	-88	CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	6/16/2010	Physical	FieldMeasure	Discharge	NA	0 J	-88	-88	CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	6/16/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	6/16/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	7/20/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.00103 ND	0.00103	0.00205	μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	7/20/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.00205 ND	0.00205	0.0041	μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	7/20/2010	Physical	FieldMeasure	Discharge	NA	183 =	-88	-88	CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	8/24/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.00103 ND	0.00103	0.00205		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	8/24/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.00205 ND	0.00205	0.0041	μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	8/24/2010	Physical	FieldMeasure	Discharge	NA	548 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2010	9/21/2010	Physical	FieldMeasure	Discharge	NA	1591 J	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	10/20/2010		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	11/10/2010		FieldMeasure	Velocity	NA	0.5 =	-88		ft/s	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	12/8/2010		FieldMeasure	Discharge	NA	699 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		1/18/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.0026 ND	0.0026	0.015		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	1/18/2011		EPA 625	Diazinon	UNFILTERED	-0.004 ND	0.004		μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		1/18/2011		FieldMeasure	Velocity	NA	0.2 =	-88		ft/s	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	2/15/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	2/15/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	2/15/2011	,	FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	3/15/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	3/15/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	3/15/2011		FieldMeasure	Discharge	NA LINEIL TERER	0 =	-88 0.001		CFS	NA	NA Carratianas
COLDR	Colusa Basin Drain above KL	38.8121 38.8121	-121.7741 -121.7741	1	2011 2011	4/20/2011		EPA 625	Chlorpyrifos Diazinon	UNFILTERED UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	4/20/2011		EPA 625 FieldMeasure		-	-0.002 ND 0.5 =	-88	0.004		Compliance	Compliance
COLDR	Colusa Basin Drain above KL Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	4/20/2011 5/12/2011		EPA 625	Velocity Chlorpyrifos	NA UNFILTERED	-0.001 ND	0.001	0.002	ft/s	NA	NA
COLDR	Colusa Basin Drain above KL Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	5/12/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND -0.002 ND	0.001	0.002		Compliance Compliance	Compliance Compliance
COLDR	Colusa Basin Drain above KL Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	5/12/2011		FieldMeasure	Discharge	NA	9.75 =	-88		μg/L CFS	NA	NA Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	6/14/2011	,	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	<u>'</u> 1		6/14/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND -0.002 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	6/14/2011		FieldMeasure	Discharge	NA	89.6 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	7/19/2011	,	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	7/19/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	7/19/2011		FieldMeasure	Discharge	NA	463.98 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	8/17/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.0032 =	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2011	8/17/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		8/17/2011		FieldMeasure	Discharge	NA	497 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	2		8/17/2011		FieldMeasure	Discharge	NA	497 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		11/8/2011		FieldMeasure	Discharge	NA	-88 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		12/7/2011	,	FieldMeasure	Discharge	NA	-88 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1	2012	1/23/2012		FieldMeasure	Velocity	NA	0.1	-88		ft/s	NA	NA
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	2		2/23/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		2/23/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
COLDR	Colusa Basin Drain above KL	38.8121	-121.7741	1		2/23/2012		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance

COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 2/23/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.002 ND	0.002 -88 0.002 -88 0.002 -88 0.002 -88 0.000 0.002 -88 0.000 0.002 -88	3 0. 1 0.002 2 0.004 3 0. 1 0.002 2 0.004 3 0. 1 0.002 2 0.004 3 0. 1 0.002	Unit 4 μg/L 1 ft/s 2 μg/L 4 μg/L 1 ft/s 2 μg/L 4 μg/L 0 CFS 2 μg/L 4 μg/L 4 μμg/L 0 L 0 L 0 L 0 L 0 L 0 L 0 L 0 L 0 L 0	TMDL Exceedance, 1. Compliance NA Compliance Compliance NA Compliance NA Compliance NA Compliance Compliance Compliance NA Compliance	Compliance NA Compliance Compliance NA Compliance NA Compliance Compliance NA NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 2/23/2012 Physical FieldMeasure Velocity NA 0.1 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND	-88 0.00 0.002 -88 0.002 -88 0.002 -88 0.002 -88 0.002 -88 0.002 -88	3 0. 1 0.002 2 0.004 3 0. 1 0.002 2 0.004 3 0. 1 0.002 2 0.004 3 0. 1 0.002	1 ft/s 2 µg/L 4 µg/L 1 ft/s 2 µg/L 4 µg/L 0 CFS 2 µg/L 4 µg/L	NA Compliance Compliance NA Compliance Compliance NA NA	Compliance NA Compliance Compliance NA Compliance NA Compliance Compliance NA NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 2/23/2012 Physical FieldMeasure Velocity NA 0.1 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.002 ND	-88 0.00 0.002 -88 0.002 -88 0.002 -88 0.002 -88 0.002 -88 0.002 -88	3 0. 1 0.002 2 0.004 3 0. 1 0.002 2 0.004 3 0. 1 0.002 2 0.004 3 0. 1 0.002	1 ft/s 2 µg/L 4 µg/L 1 ft/s 2 µg/L 4 µg/L 0 CFS 2 µg/L 4 µg/L	NA Compliance Compliance NA Compliance Compliance NA NA	NA Compliance Compliance NA Compliance Compliance NA NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0015 DNQ COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMe	0.00 0.002 -88 0.000 0.002 -88 0.000 0.002 -88 0.000 0.002	1 0.002 2 0.004 3 0.1 0.002 2 0.004 3 (1 0.002 2 0.004 3 (1 0.002	2 µg/L 4 µg/L 1 ft/s 2 µg/L 4 µg/L 0 CFS 2 µg/L 4 µg/L	Compliance Compliance NA Compliance Compliance NA	Compliance Compliance NA Compliance Compliance NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0011 DNQ COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0015 DIAZINON UNFILTERED 0.0016 DIAZINON UNFILTERED 0.0016 DIAZINON UNFILTERED 0.0016 DNQ DIAZINON UNFILTERED 0.0016 DNQ DIAZINON UNFILTERED 0.0016 DNQ	0.002 -88 0.007 0.002 -88 0.002 -88 0.000 0.002	2 0.004 3 0.1 1 0.002 2 0.004 3 (1 0.002 2 0.004 3 (1 0.002	4 μg/L 1 ft/s 2 μg/L 4 μg/L 0 CFS 2 μg/L 4 μg/L	NA Compliance Compliance NA	Compliance NA Compliance Compliance NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 3/14/2012 Physical FieldMeasure Velocity NA 0.1 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Physical FieldMeasure Discharge NA -0.88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED 0.0011 DNQ COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0018 DNQ	-88 0.00 0.002 -88 0.002 -88	3 0 1 0.002 2 0.004 3 (1 0.002 2 0.004 3 (1 0.002	1 ft/s 2 µg/L 4 µg/L 0 CFS 2 µg/L 4 µg/L	NA Compliance Compliance NA	NA Compliance Compliance NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED 0.0011 DNQ COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above K	0.00° 0.002° -88° 0.00° 0.002° -88° 0.00° 0.002° -88° -88°	1 0.002 2 0.004 3 (1 0.002 2 0.004 3 (1 0.002	2 µg/L 4 µg/L 0 CFS 2 µg/L 4 µg/L	Compliance Compliance NA	Compliance Compliance NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0015 DNQ COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.77	0.002 -86 0.007 0.002 -86 0.007 0.002 -86	2 0.004 3 (1 0.002 2 0.004 3 (1 0.002	4 μg/L 0 CFS 2 μg/L 4 μg/L	Compliance NA	Compliance NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 4/17/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED 0.0011 DNQ COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.	-88 0.00° 0.002 -88 0.00° 0.002	3 (0.002) 2 (0.004) 3 (0.002)	0 CFS 2 μg/L 4 μg/L	NA	NA .
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED 0.0011 DNQ COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Diazinon UNFIL	0.00° 0.00° -88 0.00° 0.00°	0.002 0.004 0.003	2 μg/L 4 μg/L		
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0085 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical EPA 625 Diazinon UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical EPA 625 Chlorpyrifos UNFILTERED </td <td>0.002 -88 0.007 0.002 -88</td> <td>2 0.004 3 (1 0.002</td> <td>4 μg/L</td> <td>Compliance</td> <td></td>	0.002 -88 0.007 0.002 -88	2 0.004 3 (1 0.002	4 μg/L	Compliance	
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 5/15/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical EPA 625 Chlorpyrifos UNFILTERED 0.0016 DNQ	-88 0.002 0.002 -88	0.002		Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 7/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED 0.0016 DNQ	0.00° 0.002 -88	0.002	0 CFS	Compliance NA	Compliance NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 7/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED 0.0016 DNQ	0.002			Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 6/19/2012 Physical FieldMeasure Discharge NA -88 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 7/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED 0.0016 DNQ	-88	0.004	2 μg/L 4 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 7/17/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED 0.0016 DNQ			0 CFS	NA	NA
			2 μg/L	Compliance	Compliance
	0.002		4 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 7/17/2012 Physical FieldMeasure Discharge NA -88	-88		0 CFS	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 8/21/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND	0.00	0.002	2 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 8/21/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND	0.002	0.004	4 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 8/21/2012 Physical FieldMeasure Velocity NA 0.5	-88	0.1	1 ft/s	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2012 12/11/2012 Physical FieldMeasure Velocity NA 2.26	-88		1 ft/s	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 1/22/2013 Physical FieldMeasure Velocity None 0.2	-88		1 ft/s	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 2 2013 2/19/2013 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND	0.0008		1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 2/19/2013 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND	0.0008		1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 2 2013 2/19/2013 Pesticide EPA 625 Diazinon UNFILTERED 0.0195	0.0008		1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 2/19/2013 Pesticide EPA 625 Diazinon UNFILTERED 0.0241=	0.0005		1 µg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 2/19/2013 Physical FieldMeasure Velocity None 0 = COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 3/20/2013 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND	-88		1 ft/s	NA	NA
	0.0005		1 μg/L 1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 3/20/2013 Pesticide EPA 625 Diazinon UNFILTERED -0.0005 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 3/20/2013 Physical FieldMeasure Discharge None 0 =	-88		0 CFS	Compliance NA	Compliance NA
COLDR Collusa Basin Drain above KL 38.8121 -121.7741 1 2013 4/30/2013 Pristicide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND	0.0005		1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 4/30/2013 Pesticide Li PA 625 Diazinon UNFILTERED -0.0005 ND	0.0005		1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 2 2013 4/30/2013 Physical FieldMeasure Discharge None 1 1 1 1 1 1 1 1 1	-88		0 CFS	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 4/30/2013 Physical FieldMeasure Discharge None 1 1 2013 4/30/2013 FieldMeasure Discharge None 1 2 1 2 2 2 2 2 2 2	-88		0 CFS	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 5/28/2013 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND	0.0005		1 µg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 5/28/2013 Pesticide EPA 625 Diazinon UNFILTERED -0.0005 ND	0.0005		1 µg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 2 2013 5/28/2013 Physical FieldMeasure Discharge None 0.1	-88		0 CFS	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 5/28/2013 Physical FieldMeasure Discharge None 0.1 =	-88	3 (0 CFS	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 6/25/2013 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND	0.0005		1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 6/25/2013 Pesticide EPA 625 Diazinon UNFILTERED -0.0005 ND	0.0008		1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 6/25/2013 Physical FieldMeasure Discharge None 1	-88		0 CFS	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 2 2013 6/25/2013 Physical FieldMeasure Discharge None 1	-88		0 CFS	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 7/30/2013 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND	0.0005		1 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 7/30/2013 Pesticide EPA 625 Diazinon UNFILTERED -0.0005 ND	0.0005		1 µg/L	Compliance	Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 7/30/2013 Physical FieldMeasure Discharge None 1 =	-88		0 CFS	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 2 2013 7/30/2013 Physical FieldMeasure Discharge None 1 COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 8/27/2013 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND	0.0005		0 CFS 1 µg/L	NA	NA
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 8/27/2013 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.0005 ND COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 8/27/2013 Pesticide EPA 625 Diazinon UNFILTERED -0.0005 ND	0.0008		1 μg/L 1 μg/L	Compliance Compliance	Compliance Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 8/27/2013 Pesticide EPA 625 Diazinon ONFILTERED -0.0005 ND	-88		1 μg/L 0 CFS	NA NA	NA Compliance
COLDR Colusa Basin Drain above KL 38.8121 -121.7741 1 2013 8/27/2013 Physical FieldMeasure Discharge None 1 =	-88		0 CFS	NA	NA NA
COLDR Colusa Basin Drain above Knight's Landing 38.8121 -121.7741 1 2013 11/19/2013 Physical FieldMeasure Discharge None 0 =	-88		0 CFS	NA	NA NA
COLDR Colusa Basin Drain above Knight's Landing 38.8121 -121.77411 11 2013 11/19/2013 Pesticide EPA 8141A Diazinon UNFILTERED -0.004 ND	0.004		2 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above Knight's Landing 38.8121 -121.7741 1 2013 11/19/2013 Pesticide EPA 8141A Chlorpyrifos UNFILTERED -0.0026 ND	0.0026		5 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above Knight's Landing 38.8121 -121.7741 2 2013 11/19/2013 Pesticide EPA 8141A Diazinon UNFILTERED -0.004 ND	0.004		2 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above Knight's Landing 38.8121 -121.7741 2 2013 11/19/2013 Pesticide EPA 8141A Chlorpyrifos UNFILTERED -0.0026 ND	0.0026		5 μg/L	Compliance	Compliance
COLDR Colusa Basin Drain above Knight's Landing 38.8121 -121.7741 1 2013 12/11/2013 Physical FieldMeasure Discharge None 0 =	-88		0 CFS	NA	NA
COLDR Colusa Basin Drain above Knight's Landing 38.8121 -121.7741 1 2014 1/14/2014 Physical FieldMeasure Discharge None -88	-88		0 CFS	NA	NA

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SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date		Method	Analyte	Fraction	Result Qual Code	MDL	RL	Unit	TMDL	TMDL
							Category								Exceedance, 1-h	
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1	2014	2/10/2014	Dhysical	FieldMeasure	Discharge	None	-88 =	-88	0	CFS	NA	NA
COLDR	Colusa Basin Drain above Knight's Landing Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1	2014	3/18/2014		EPA 8141A	Discharge	UNFILTERED	-0.004 ND	0.004		µg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1		3/18/2014		EPA 8141A	Chlorpyrifos	UNFILTERED	-0.004 ND	0.004	0.02		Compliance	Compliance
COLDR	Colusa Basin Drain above Knight's Landing Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1	2014	3/18/2014		FieldMeasure	Discharge	None	-88 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1	2014	4/15/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1	2014	4/15/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	2		4/15/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	2		4/15/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741			4/15/2014		FieldMeasure	Discharge	None	-0.0003 NB	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1		6/17/2014		FieldMeasure	Discharge	None	0.1 =	-88		CFS	NA	NA
COLDR	Colusa Basin Brain above Knight's Landing	38.8121	-121.7741	1	2014	6/17/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1		6/17/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
	Colusa Basin Brain above Knight's Landing	38.8121	-121.7741	1	2014	7/15/2014		FieldMeasure	Discharge	None	0.1 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1	2014	8/19/2014		FieldMeasure	Discharge	None	0.1 =	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1	2014	9/16/2014		FieldMeasure	Discharge	None	NR	-88		CFS	NA	NA
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1	2014	9/16/2014		EPA 8141A	Diazinon	UNFILTERED	-0.004 ND	0.004		μg/L	Compliance	Compliance
COLDR	Colusa Basin Drain above Knight's Landing	38.8121	-121.7741	1		9/16/2014		EPA 8141A	Chlorpyrifos	UNFILTERED	-0.0026 ND	0.0026	0.015		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2009	5/19/2009		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		5/19/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2009	5/19/2009		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803		2009	6/16/2009		FieldMeasure	Discharge	NA	5.66 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		6/16/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2009	6/16/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803			6/16/2009		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2		6/16/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803			7/21/2009		FieldMeasure	Discharge	NA	4 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		7/21/2009	,	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		7/21/2009		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		8/18/2009		FieldMeasure	Discharge	NA	3.27 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2009	8/18/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2		8/18/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803		2009	8/18/2009		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2		8/18/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		9/22/2009		FieldMeasure	Discharge	NA	8.86 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2009	9/22/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		9/22/2009		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2011	4/21/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.0142 =	0.002	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2011	4/21/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2011	4/21/2011		FieldMeasure	Discharge	NA	2.05 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2011	5/17/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.0213 =	0.001	0.002		14/3	Exceedance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2011	5/17/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2011	5/17/2011		FieldMeasure	Discharge	NA	9.11 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803			1/24/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2		1/24/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803			1/24/2012		EPA 625	Diazinon	UNFILTERED	0.0063	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2		1/24/2012		EPA 625	Diazinon	UNFILTERED	0.0081	0.002	0.004		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803		2012	1/24/2012		FieldMeasure	Discharge	NA	38	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		3/14/2012		FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	5/17/2012		EPA 625	Chlorpyrifos	UNFILTERED	0.0048	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		5/17/2012		EPA 625	Diazinon	UNFILTERED	0.0065	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	5/17/2012		FieldMeasure	Discharge	NA	1.9	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	5/17/2012		FieldMeasure	Discharge	NA	1.9	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803			7/18/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2	2012	7/18/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803			7/18/2012		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2		7/18/2012		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	7/18/2012		FieldMeasure	Discharge	NA	-0.002 ND	-88		CFS	NA	NA
COSIN	Cooli Cieek at Stilbilli Load	30.0001	-121.0003		2012	111012012	i riyolcal	i iciuivicasuie	Pischarge	INC	4	-00	U	UFU	INA	INA

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
				-			Category								Exceedance, 1-hr	
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	8/23/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μq/L	Compliance	day Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	8/23/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μq/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	8/23/2012	Physical	FieldMeasure	Velocity	NA	0.25	-88	0.1	ft/s	NA	NA .
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	9/20/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0044	0.001	0.002	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	9/20/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	0.0023 DNQ	0.002	0.004	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2012	9/20/2012	Physical	FieldMeasure	Discharge	NA	5.936	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2	2013	1/24/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	1/24/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	1/24/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2	2013	1/24/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	1/24/2013	Physical	FieldMeasure	Discharge	None	7 =	-88	0	CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	3/20/2013	Physical	FieldMeasure	Discharge	None	0.3 =	-88	0	CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	5/23/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	5/23/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	5/23/2013	Physical	FieldMeasure	Discharge	None	2.6 =	-88	0	CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2	2013	7/16/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	7/16/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	2	2013	7/16/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	7/16/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	7/16/2013	Physical	FieldMeasure	Velocity	None	2 =	-88	0.1	ft/s	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	7/16/2013	Physical	FieldMeasure	Velocity	None	2 =	-88	0.1	ft/s	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	8/21/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	8/21/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	8/21/2013	Physical	FieldMeasure	Discharge	None	1 =	-88	0	CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	9/17/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	9/17/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2013	9/17/2013	Physical	FieldMeasure	Discharge	None	5.5 =	-88	0	CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2014	4/17/2014	Physical	FieldMeasure	Discharge	None	1.77 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2014	4/17/2014	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2014	4/17/2014	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		7/16/2014	Physical	FieldMeasure	Discharge	None	0.38 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2014	7/16/2014	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2014	7/16/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2014	8/18/2014	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2014	8/18/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		8/18/2014		FieldMeasure	Discharge	None	1.11 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1	2017	9/16/2014	Physical	FieldMeasure	Discharge	None	2.28 =	-88		CFS	NA	NA
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1		9/16/2014		EPA 625	Chlorpyrifos	UNFILTERED	0.0017 =	0.0005	0.001		Compliance	Compliance
CCSTR	Coon Creek at Striplin Road	38.8661	-121.5803	1				EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010	1/19/2010		FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010	1/19/2010		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1				FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010	2/16/2010		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		3/16/2010		FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010	3/16/2010		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	2				EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	2		3/16/2010		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010	4/20/2010		FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1				FieldMeasure	Discharge	NA	-88 NA	-88		CFS		NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1				FieldMeasure	Discharge	NA	-88 NA	-88		CFS		NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1				FieldMeasure	Discharge	NA	-88 NA	-88		CFS		NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2011	10/19/2010	Physical	FieldMeasure	Discharge	NA	0 =	-88	-88	CFS	NA	NA

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte Category	Method	Analyte	Fraction	Result Qual Code	MDL	RL	Unit	TMDL Exceedance, 1-hr	
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044		1 2011	11/9/2010	Dhysical	FieldMeasure	Velocity	NA	1 =	-88	-88	ft/e	NA	day NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		12/7/2010		FieldMeasure	Velocity	NA NA	0.5 =	-88	-88		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	-	1 2011	1/18/2011		FieldMeasure	Velocity	NA	0.5 =	-88	-88		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	-		2/15/2011		FieldMeasure	Velocity	NA	1 =	-88	-88		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044		1 2011	3/15/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	-	1 2011	3/15/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2011	3/15/2011		FieldMeasure	Velocity	NA	1 =	-88	-88		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	-	1 2011	4/20/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	2		4/20/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044			4/20/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	2		4/20/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044			4/20/2011		FieldMeasure	Velocity	NA	1.5 =	-88	-88		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044		1 2011	5/17/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		5/17/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN		38.29098	-121.38044							NA	1.5 =	-88	-88		NA	NA
	Cosumnes River at Twin Cities Rd					5/17/2011		FieldMeasure	Velocity							
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		6/21/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044			6/21/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		6/21/2011		FieldMeasure	Discharge	NA	294 =	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		7/19/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		7/19/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044		2011	7/19/2011		FieldMeasure	Velocity	NA	1 =	-88	-88		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		8/17/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2011	8/17/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		8/17/2011	,	FieldMeasure	Velocity	NA	0.5 =	-88	-88		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2011	9/20/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2011	10/18/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2011	10/18/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2011	10/18/2011		FieldMeasure	Discharge	NA	-88 =	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2011	11/8/2011	Physical	FieldMeasure	Discharge	NA	-88 =	-88	-88	CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2011	12/7/2011	Physical	FieldMeasure	Discharge	NA	-88 =	-88	-88	CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	1/23/2012	Physical	FieldMeasure	Velocity	NA	0.3	-88	0.1	ft/s	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	2/21/2012	Physical	FieldMeasure	Velocity	NA	1	-88	0.1	ft/s	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	3/14/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	3/14/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	3/14/2012	Physical	FieldMeasure	Velocity	NA	1	-88	0.1	ft/s	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	4/19/2012	Physical	FieldMeasure	Discharge	NA	-88	-88	0	CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	5/17/2012	Physical	FieldMeasure	Discharge	NA	-88	-88	0	CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	6/19/2012	Physical	FieldMeasure	Discharge	NA	9.15	-88	0	CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	9/18/2012	Physical	FieldMeasure	Discharge	NA	-88	-88	0	CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	10/16/2012	Physical	FieldMeasure	Discharge	NA	-88	-88	0	CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2012	12/11/2012	Physical	FieldMeasure	Velocity	NA	0.1	-88	0.1	ft/s	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		1/22/2013		FieldMeasure	Velocity	None	3 =	-88	0.1	ft/s	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2013	2/19/2013		FieldMeasure	Velocity	None	0.5 =	-88	0.1		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2013	3/20/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2013	3/20/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		3/20/2013		FieldMeasure	Velocity	None	0.2 =	-88	0.1		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		4/18/2013		FieldMeasure	Velocity	None	1 =	-88	0.1		NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		5/21/2013		FieldMeasure	Discharge	None	10.72 =	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	1 2013	7/16/2013		FieldMeasure	Discharge	None	-88 =	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1		8/20/2013		FieldMeasure	Discharge	None	-88 =	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd	38.29098	-121.38044	1	2010	9/17/2013		FieldMeasure	Discharge	None	-88 =	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd.	38.29098	-121.38044	1		10/29/2013		FieldMeasure	Discharge	None	-88 =	-88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd.	38.29098	-121.38044	1		1/14/2014		FieldMeasure	Discharge	None	-88 =	-oo -88		CFS	NA	NA
CRTWN	Cosumnes River at Twin Cities Rd. Cosumnes River at Twin Cities Rd.	38.29098	-121.38044	- 1	1 2014			FieldMeasure	Discharge	None	-88 = -88 =	-88		CFS	NA NA	NA NA
	Cosumnes River at Twin Cities Rd. Cosumnes River at Twin Cities Rd.					2/10/2014								CFS		
CRTWN		38.29098 38.29098	-121.38044 -121.38044	1	1 2014 1 2014	3/18/2014		FieldMeasure	Discharge	None	109.1 =	-88 0.0005			NA	NA
	Cosumnes River at Twin Cities Rd.			1		3/18/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND		0.001		Compliance	Compliance
CRTWN	Cosumnes River at Twin Cities Rd.	38.29098	-121.38044	1	1 2014	3/18/2014	resucide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance

011.10	O'te Name	1 - 24 - 4 -	1	BPt.	B	0		88 di . d		F		MDI		11.14	THE	THE
SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	_	Method	Analyte	Fraction	Result Qual Code	MDL	RL	Unit	TMDL	TMDL
							Category								Exceedance, 1-	hr Exceedance, 4-
CRTWN	Cosumnes River at Twin Cities Rd.	38.29098	-121.38044	- 1	2014	4/15/2014	Dhysical	FieldMeasure	Discharge	None	157.8 =	-88	^	CFS	NA	NA day
CRTWN	Cosumnes River at Twin Cities Rd.	38.29098	-121.38044	1	2014	5/20/2014		FieldMeasure	Discharge	None	4.99 =	-oo -88		CFS	NA	NA NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716			1/27/2009		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2009		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1			Pesticide	EPA 625	Diazinon	UNFILTERED	0.6007 =	0.001	0.004		Exceedance	Exceedance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2009	2/18/2009		FieldMeasure	Discharge	NA	3.21 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2009	2/18/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2009	2/18/2009	Pesticide	EPA 625	Diazinon	UNFILTERED	0.0931 =	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2009	6/16/2009	Physical	FieldMeasure	Discharge	NA	-88 NA	-88	-88	CFS	NA .	NA .
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010	1/21/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010	1/21/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	0.0628 =	0.002	0.004	μg/L	Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010	1/21/2010	Physical	FieldMeasure	Discharge	NA	0 =	-88	-88	CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010	2/17/2010	Physical	FieldMeasure	Discharge	NA	0 =	-88	-88	CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010		Pesticide	EPA 625	Diazinon	UNFILTERED	0.0175 =	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2011		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2011	2/16/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	0.1352 =	0.002	0.004			Exceedance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2011	2/16/2011		FieldMeasure	Discharge	NA	0.78 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1			Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2011		Pesticide	EPA 625	Diazinon	UNFILTERED	0.0195 =	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2011	3/16/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2011		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2011		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1		5/17/2011		FieldMeasure	Discharge	NA	2.44 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0033	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Diazinon	UNFILTERED	0.0128	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012	1/24/2012		FieldMeasure	Discharge	NA	18	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0013 DNQ	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1			Pesticide	EPA 625	Diazinon	UNFILTERED	0.028	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012	2/23/2012		FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1			Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012	4/19/2012		FieldMeasure	Discharge	NA	0.79	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Diazinon	UNFILTERED	0.009	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012	5/15/2012		FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012	6/20/2012		FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012	7/18/2012		FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1			Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012	8/22/2012		FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2012	10/17/2012		FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2013		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2013	1/22/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010	2/21/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2013		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2013	2/21/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2013		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2010	3/20/2013		FieldMeasure	Discharge	None	4.93 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2013	4/16/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716	1	2013	5/21/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
				,			Category								Exceedance, 1-hr	Exceedance, 4-
															,	day
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013	5/21/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013	5/21/2013	Physical	FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013	6/18/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013		,	FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013	7/17/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013	7/17/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013	8/20/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013			FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013			FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716			12/11/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL GILSL	Gilsizer Slough at George Washington Road	39.009 39.009	-121.6716 -121.6716		2 2013 1 2013	12/11/2013		EPA 625	Diazinon	UNFILTERED UNFILTERED	-0.0005 ND -0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716					EPA 625 EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2013			EPA 625 EPA 625	Diazinon Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance Compliance	Compliance Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014	1/14/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014	5/20/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014	7/15/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014			EPA 625	Chlorpyrifos	UNFILTERED	0.091 =	0.0005	0.001		Exceedance	Exceedance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014			FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014	8/20/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014	8/20/2014		EPA 625	Chlorpyrifos	UNFILTERED	0.0142 =	0.0005	0.001		Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014	9/16/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014	9/16/2014	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μq/L	Compliance	Compliance
GILSL	Gilsizer Slough at George Washington Road	39.009	-121.6716		1 2014	9/16/2014	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010	1/19/2010	Physical	FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA .
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010	1/19/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.1192 =	0.001	0.002	μg/L	Exceedance	Exceedance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010	1/19/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	0.0059 =	0.002	0.004	μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010	2/16/2010	Physical	FieldMeasure	Discharge	NA	0 =	-88	-88	CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010	2/16/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010	4/20/2010		FieldMeasure	Discharge	NA	29.79 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2010			FieldMeasure	Discharge	NA LINEIL TERER	0 =	-88		CFS	NA Carration and	NA Carratiana
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		2 2011	10/19/2010		EPA 625	Chlorpyrifos	UNFILTERED	-0.00161 ND	0.00161	0.00323		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011 2 2011	10/19/2010		EPA 625	Chlorpyrifos	UNFILTERED	-0.000939 ND	0.000939	0.00188		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		2 2011 1 2011	10/19/2010		EPA 625	Diazinon	UNFILTERED	0.0859 =	0.00323	0.00645		Compliance	Compliance
GIDLR GIDLR	Grand Island Drain near Leary Road	38.2399 38.2399	-121.5649 -121.5649			10/19/2010		EPA 625	Diazinon	UNFILTERED NA	0.102 =		0.00375		NIA	Exceedance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649 -121.5649		1 2011 1 2011	10/19/2010		FieldMeasure	Discharge	NA NA	0 =	-88 -88		CFS CFS	NA NA	NA NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649 -121.5649		1 2011	11/9/2010 12/7/2010		FieldMeasure FieldMeasure	Discharge Discharge	NA NA	0 =	-88		CFS	NA NA	NA NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649 -121.5649		1 2011	1/18/2010	,	FieldMeasure	Discharge	NA NA	0 =	-88		CFS CFS	NA NA	NA NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011			FieldMeasure	Discharge	NA NA	0 =	-88		CFS	NA NA	NA NA
GIDLK	Granu Isianu Drain near Leary Road	30.2399	-121.5049		1 2011	2/15/2011	rnysicai	rieluivieasure	Discharge	INA	U -	-68	-68	Uro	INA	INA

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
							Category		1						Exceedance, 1-hr	Exceedance, 4-
																day
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649					EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	•		3/15/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649			3/15/2011	,	FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		2011	4/20/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.0027 =	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	4/20/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	4/20/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399 38.2399	-121.5649 -121.5649		1 2011 1 2011	5/17/2011 5/17/2011		EPA 625 EPA 625	Chlorpyrifos Diazinon	UNFILTERED UNFILTERED	-0.001 ND 0.0185 =	0.001 0.002	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011			FieldMeasure		NA NA	0.0185 =	-88	0.004	μg/L CFS	Compliance NA	Compliance NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	5/17/2011 6/21/2011	,	EPA 625	Discharge Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002			
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	6/21/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND -0.002 ND	0.001	0.002		Compliance Compliance	Compliance Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	6/21/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649			7/19/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649			7/19/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649			8/17/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	8/17/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649			8/17/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011			EPA 625	Chlorpyrifos	UNFILTERED	0.0017 DNQ	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	9/20/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	10/18/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.008 =	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	10/18/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	10/18/2011	Physical	FieldMeasure	Discharge	NA	0 =	-88	-88	CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	11/8/2011	Physical	FieldMeasure	Discharge	NA	0 =	-88	-88	CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2011	12/7/2011	Physical	FieldMeasure	Discharge	NA	0 =	-88	-88	CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649				Physical	FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2012	2/21/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0114	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649					FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2012			EPA 625	Chlorpyrifos	UNFILTERED	0.0074	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		2 2012			EPA 625	Chlorpyrifos	UNFILTERED	0.0067	0.001	0.002		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		2 2012			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	•	2012			FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2012			FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		2012			FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2012		,	FieldMeasure	Discharge	NA	-88	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649					FieldMeasure	Discharge	NA	10.35	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2012			FieldMeasure	Discharge	NA	0.0011 DNO	-88		CFS	NA	NA
GIDLR GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399 38.2399	-121.5649 -121.5649		1 2012 1 2012			EPA 625 EPA 625	Chlorpyrifos Diazinon	UNFILTERED UNFILTERED	0.0011 DNQ 0.0024 DNQ	0.001 0.002	0.002		Compliance Compliance	Compliance Compliance
GIDLR	,	38.2399	-121.5649 -121.5649		1 2012					NA NA	0.0024 DNQ	-88		μg/L CFS		
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649 -121.5649					FieldMeasure EPA 625	Discharge Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		NA	NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649					EPA 625	Diazinon	UNFILTERED	-0.001 ND -0.002 ND	0.001	0.002		Compliance Compliance	Compliance Compliance
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649					FieldMeasure	Discharge	NA	-0.002 ND	-88		μg/L CFS	NA	NA NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649					FieldMeasure	Discharge	NA NA	0	-88		CFS	NA NA	NA NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649					FieldMeasure	Discharge	None	0 =	-oo -88		CFS	NA	NA NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649					EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649					EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649			2/19/2013		FieldMeasure	Discharge	None	-0.0003 ND 0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		2013		,	EPA 625	Chlorpyrifos	UNFILTERED	0.0063	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649			0,-0,-0		EPA 625	Chlorpyrifos	UNFILTERED	0.0059	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		2 2013	3/20/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2013	3/20/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649			3/20/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649		1 2013		,	FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
OIDLI (C.aa lolana Diam noai Loary Noau	50.2099	121.0043		. 2010	7, 10/2010	. Hyorour	i. ioidividaduic	Diodriarge	. 10110	· •	-00	U	<u> </u>	1 ,	1

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
	2.02			,		p	Category		.						Exceedance, 1	-hr Exceedance, 4-
																day
	Grand Island Drain near Leary Road	38.2399	-121.5649	1		5/21/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399 38.2399	-121.5649 -121.5649	<u>1</u> 1	2013 2013	6/18/2013		FieldMeasure	Discharge	None	0 =	-88 -88		CFS CFS	NA NA	NA NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649	1		7/16/2013	Priysical Pesticide	FieldMeasure EPA 625	Discharge Chlorpyrifos	None UNFILTERED	0 = -0.0005 ND	0.0005	0.001			NA Compliance
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649	1	2013		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649	1		8/20/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649	1			Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005			Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1			Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2013	9/17/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1		10/29/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	2		10/29/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005			Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	2		10/29/2013		EPA 625	Diazinon	UNFILTERED	0.1672 =	0.0005	0.001		Exceedance	Exceedance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2013	10/29/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2013	10/29/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	0.1557 =	0.0005			Compliance	Exceedance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2013	11/19/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2013	12/10/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2017		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014	1/14/2014	Physical	FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1		2/10/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 8141A	Diazinon	UNFILTERED	-0.004 ND	0.004		μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 8141A	Chlorpyrifos	UNFILTERED	0.11 =	0.0026	0.015		Exceedance	Exceedance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	2	_0		Pesticide	EPA 8141A	Chlorpyrifos	UNFILTERED	0.16 =	0.0026	0.015		Exceedance	Exceedance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	2			Pesticide	EPA 8141A	Diazinon	UNFILTERED	-0.004 ND	0.004		μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2017	3/18/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005			Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2017		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND NR	0.0005	0.001		Compliance	Compliance NA
GIDLR GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399 38.2399	-121.5649 -121.5649	1	2014 2014	4/15/2014	Pnysical Pesticide	FieldMeasure EPA 625	Discharge Chlorpyrifos	None UNFILTERED	0.0034 =	-88 0.0005	0.001	CFS	NA Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649	1			Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road Grand Island Drain near Leary Road	38.2399	-121.5649	2			Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	2	2011		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014	5/20/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	2			Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	2			Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.003 =	0.0005	0.001		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014	6/17/2014	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0028 =	0.0005			Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014	6/17/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014	7/15/2014	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014	7/15/2014	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0058 =	0.0005	0.001	μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014	7/15/2014	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2017	8/19/2014	Physical	FieldMeasure	Discharge	None	1.26 =	-88		CFS	NA	NA
	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014	9/16/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 8141A	Chlorpyrifos	UNFILTERED	-0.0026 ND	0.0026	0.015		Compliance	Compliance
GIDLR	Grand Island Drain near Leary Road	38.2399	-121.5649	1	2014		Pesticide	EPA 8141A	Diazinon	UNFILTERED	-0.004 ND	0.004		μg/L	Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	1/27/2009		FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2000		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009		Pesticide	EPA 625	Diazinon	UNFILTERED	0.0103 =	0.002			Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2000	2/18/2009	,	FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA "	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2003		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2000		Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	3/17/2009		FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
LHNCT LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542	1	2009	4/21/2009		FieldMeasure	Discharge	NA	-88 NA	-88		CFS CFS	NA	NA NA
	Lower Honout Creek at Hwy 70	39.30915	-121.59542	1	2000	5/19/2009		FieldMeasure	Discharge	NA UNEIL TERED	-88 NA	-88 0.001			NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	5/19/2009	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Qual Code	MDL	RL	Unit	TMDL	TMDL
							Category								Exceedance, 1-hr	Exceedance, 4- day
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	5/19/2009	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	6/16/2009	Physical	FieldMeasure	Discharge	NA	-88 NA	-88	-88	CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	6/16/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	6/16/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		7/21/2009		FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	7/21/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	_000	7/21/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2009	8/18/2009		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542			8/18/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542		2009	8/18/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		9/22/2009		FieldMeasure	Discharge	NA LINEIL TERER	U	-88		CFS	NA Carrarii ara ara	NA Carratianas
LHNCT LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915 39.30915	-121.59542 -121.59542	1		9/22/2009 9/22/2009		EPA 625 EPA 625	Chlorpyrifos	UNFILTERED UNFILTERED	-0.001 ND -0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542			9/22/2009		EPA 625	Chlorpyrifos Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915	-121.59542	2		9/22/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance Compliance	Compliance Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542		2009	10/20/2009		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		11/17/2009		FieldMeasure	Discharge	NA NA	-88 NA	-88		CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542		2009	12/16/2009		FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		12/16/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	2		12/16/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542			12/16/2009		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	2		12/16/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		10/20/2010		FieldMeasure	Velocity	NA	0.25 =	-88	-88		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542			11/10/2010		FieldMeasure	Velocity	NA	0.5 =	-88	-88		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	-		12/8/2010		FieldMeasure	Velocity	NA	1 =	-88	-88		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		1/18/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.0026 ND	0.0026	0.015		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		1/18/2011		EPA 625	Diazinon	UNFILTERED	0.01 DNQ	0.004	0.02		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	1/18/2011		FieldMeasure	Velocity	NA	1.25 =	-88	-88		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	2/16/2011		FieldMeasure	Velocity	NA	3 =	-88	-88		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	3/16/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	3/16/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	3/16/2011	Physical	FieldMeasure	Velocity	NA	4.5 =	-88	-88	ft/s	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	4/21/2011	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	4/21/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	4/21/2011		FieldMeasure	Velocity	NA	0.5 =	-88	-88		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		5/17/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	5/17/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		5/17/2011		FieldMeasure	Velocity	NA	0.5 =	-88	-88		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		6/21/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	6/21/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	6/21/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542		2011	7/19/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542			7/19/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542		2011	7/19/2011		FieldMeasure	Velocity	NA LINEIL TERER	1 =	-88	-88		NA Carralliana	NA Carratiana
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	8/16/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542	1	2011	8/16/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542		2011	8/16/2011		FieldMeasure	Velocity	NA LINEIL TERED	0 =	-88	-88		NA	NA
LHNCT LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915 39.30915	-121.59542 -121.59542	1	2011	9/21/2011 9/21/2011		EPA 625 EPA 625	Chlorpyrifos Diazinon	UNFILTERED UNFILTERED	0.0061 = -0.002 ND	0.001 0.002	0.002		Compliance Compliance	Compliance Compliance
LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	9/21/2011		FieldMeasure	Velocity	NA	-0.002 ND 0.5 =	-88	0.004 -88		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	10/19/2011	,	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542		2011	10/19/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915	-121.59542		2011	10/19/2011		FieldMeasure	Discharge	NA	-0.002 ND -88 =	-88		µg/L CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2011	11/9/2011		FieldMeasure	Discharge	NA NA	-88 = -88 =	-88		CFS	NA	NA NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542			12/8/2011		FieldMeasure	Discharge	NA NA	-88 =	-00		CFS	NA	NA NA
LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		1/24/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1				EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LINUI	Lower Horicul Creek at riwy 70	39.30913	-121.08042		2012	1/24/2012	i colloide	LI A 020	DIAZITION	CHELLEVED	-U.UUZ IND	0.002	0.004	µy/L	Compliance	Compliance

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Qual Code	MDL	RL	Unit	TMDL	TMDL
							Category								Exceedance, 1-hr	Exceedance, 4-
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	1/24/2012	Physical	FieldMeasure	Velocity	NA	2	-88	0.1	ft/s	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	2/23/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	2/23/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	2/23/2012	Physical	FieldMeasure	Velocity	NA	0.1	-88	0.1	ft/s	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	3/15/2012	Physical	FieldMeasure	Velocity	NA	6	-88		ft/s	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	4/19/2012	Physical	FieldMeasure	Discharge	NA	-88	-88		CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		5/15/2012	Physical	FieldMeasure	Discharge	NA	-88	-88		CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	6/20/2012		FieldMeasure	Discharge	NA	-88	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		7/18/2012		EPA 625	Chlorpyrifos	UNFILTERED	0.0014 DNQ	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	7/18/2012		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		7/18/2012		FieldMeasure	Discharge	NA	-88	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		8/22/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	8/22/2012		FieldMeasure	Velocity	NA	0.3	-88	0.1		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	9/19/2012		FieldMeasure	Velocity	NA	0.3	-88	0.1			NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	10/17/2012		FieldMeasure	Discharge	NA	-88	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	2		12/12/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2012	12/12/2012		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		12/12/2012		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	2		12/12/2012		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		12/12/2012		FieldMeasure	Velocity	NA	0.6	-88	0.1		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		1/22/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2010	1/22/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		1/22/2013		FieldMeasure	Velocity	None	0.5 =	-88	0.1		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		2/21/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		2/21/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	2/21/2013	,	FieldMeasure	Velocity	None	0.2 =	-88	0.1			NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	3/20/2013		FieldMeasure	Velocity	None	0.2 =	-88	0.1		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	4/16/2013		FieldMeasure	Velocity	None	0.2 =	-88		ft/s		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	5/21/2013		FieldMeasure	Discharge	None	-88 =	-88		CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		6/18/2013	,	FieldMeasure	Discharge	None	0 =	-88		CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	7/17/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	7/17/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	7/17/2013		FieldMeasure	Velocity	None	0.1 =	-88	0.1		NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	8/20/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		8/20/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	8/20/2013	,	FieldMeasure	Discharge	None	-88 =	-88		CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		9/18/2013		FieldMeasure	Discharge	None	-88 =	-88		CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1		11/20/2013		FieldMeasure	Discharge	None	0 =	-88		CFS		NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2013	12/11/2013		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	2017	1/14/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542		2014	1/14/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542	1		1/14/2014		FieldMeasure	Discharge	None	-88 =	-88		CFS	NA	NA
LHNCT LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542	1	2014	2/10/2014		EPA 8141A	Diazinon	UNFILTERED UNFILTERED	-0.004 ND	0.004	0.02		Compliance	Compliance
	Lower Honout Creek at Hwy 70	39.30915 39.30915	-121.59542 -121.59542		2014	2/10/2014		EPA 8141A	Chlorpyrifos	_	-0.0026 ND	0.0026	0.015		Compliance NA	Compliance NA
LHNCT LHNCT	Lower Honout Creek at Hwy 70		-121.59542 -121.59542	1	2014	2/10/2014		FieldMeasure	Discharge	None	-88 = -88 =	-88 -88		CFS		
	Lower Honout Creek at Hwy 70	39.30915				3/18/2014		FieldMeasure	Discharge	None				CFS		NA NA
LHNCT LHNCT	Lower Honout Creek at Hwy 70	39.30915 39.30915	-121.59542 -121.59542	1	2014	4/16/2014		FieldMeasure FieldMeasure	Discharge	None None	NR NR	-88 -88		CFS CFS		NA NA
LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542	1	2014	5/20/2014 6/17/2014			Discharge		NR NR	-88		CFS		NA NA
LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542 -121.59542	1	2014		,	FieldMeasure FieldMeasure	Discharge	None	NR NR	-88		CFS	NA NA	NA NA
	Lower Honout Creek at Hwy 70			1		7/16/2014	,		Discharge	None						
LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542	1	2014	7/16/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT LHNCT	Lower Honout Creek at Hwy 70	39.30915 39.30915	-121.59542 -121.59542	1	2014	7/16/2014		EPA 625	Chlorpyrifos	UNFILTERED None	0.0015 =	0.0005 -88	0.001	μg/L CFS	Compliance	Compliance
LHNCT	Lower Honcut Creek at Hwy 70 Lower Honcut Creek at Hwy 70	39.30915	-121.59542 -121.59542	1		8/20/2014 8/20/2014		FieldMeasure EPA 625	Discharge		0.0049 =	0.0005			NA	NA
LHNCT		39.30915	-121.59542 -121.59542	1		8/20/2014		EPA 625 EPA 625	Chlorpyrifos Diazinon	UNFILTERED UNFILTERED	-0.0049 = -0.0005 ND	0.0005	0.001		Compliance	Compliance
LHNCT	Lower Honout Creek at Hwy 70	39.30915	-121.59542 -121.59542	1						_	-0.0005 ND NR	0.0005 -88	0.001	μg/L CFS	Compliance	Compliance
LUNCI	Lower Honcut Creek at Hwy 70	39.30915	-121.59542	1	∠014	9/17/2014	rnysicai	FieldMeasure	Discharge	None	NK NK	-88	0	CLO	NA	NA

Company	SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result	Result Qual Code	MDL	RL	Unit	TMDL	TMDL
Company	Oiteib	Oite Name	Latitude	Longitude	Replicate	Report real	Cample Date		Metrica	Analyte	Traction	Result	result Qual ooue	MDL	112	Oiiit		
Description																		day
SAMP	LHNCT	Lower Honcut Creek at Hwy 70	39.30915	-121.59542		1 2014	9/17/2014	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 N	ND	0.0005	0.001	μg/L	Compliance	Compliance
DAMPR Concess Real Relation 10 10 10 10 10 10 10 1		Lower Honcut Creek at Hwy 70					9/17/2014	Pesticide		Diazinon							Compliance	Compliance
LONG LONG Frame R. All-Neutron Ed. 30 1855 -12,77055 2 2010 376200 Predictor. PA ASS Disprint UPFR TERED -0,00202 PM D.		Lower Snake R. at Nuestro Rd						Pesticide		Chlorpyrifos				0.00101			Compliance	Compliance
DAME Court State R, at Memoria Sci. 39 (1915) 1-21 (1925) 1-21 (Chlorpyrifos							Compliance	Compliance
EDNICE Lower Seales R. at Numbers 6d 38 1851 -12 17088 1 2011 9220010 Pentodes PA 4/25 Ostrophysis 4-0000019 4-000019		Lower Snake R. at Nuestro Rd								Diazinon							Compliance	Compliance
EMMR Court Palled Ref Manuelle Ref 30 MeV 127 (1998) 1 2011 107 (1999)																		Compliance
EgNRR Lorest Entaile F. at Museum Rid 39 (1951) 12 (17098) 1 (2011) 10 (19001) 1 (19001)																		Compliance
Lower State R. S. Masters Ref. 39.1851 121 70058 1 2011 100000310 Projected Federlaneaure NA 96.4 * 488 46.075 NA NA NA NA NA NA NA N											_		ND					Compliance
EMPRISON Cover State R. H. Nuester Rd 39 (1951) -12 (17038) -21 (17038) -2													=					
ENNIGE Lower Stanker R. M. Muestro Rd 39, 15831 121, 17358 1 2011 129/2017 Protect Fredhesius Distribute Distribu													=					
Lower Content of An Investor Rd Joseph State P. R. An Investor																		
Linking Lower Smale R at Numbers Rd 39 (850) 1-21 (7038) 1 2011 1792011 Presided FA 625 Diagnon UNFILTERED 0.024 2 0.044 0.072 Inc. Lower Rd 1.072 2 3.88 3.88 5.88 NA NA NA NA NA NA NA																		
ESNRR Lower Snake R at Nivestro Rd 39 18531 -121 705558 1 2011 5185011 Physical Feddlessure Discharge Na													ND					
Lisbard Lower Strake R at Number Rd 90 1851 121 70558 1 2011 2715071 Physical Field Heavaste EPA 055 Chaptyrifes NA 108 - 4.86 66 CFS NA NA 108 - 1.21 70558 1 2011 3185071 Physical EPA 055 Chaptyrifes NA NA 108 - 4.86 66 CFS NA NA 108 - 4.86 1.21 70558 1 2011 3185071 Physical EPA 055 Chaptyrifes NA NA 108 - 4.86 66 CFS NA 1																		-
ESNRT Lower Stude R. at Nuestro Rd 39 18531 1-21 70356 2011 3rt 20011 Pestidote EPA 625 Chlorygrifto Dictiron UNIVELTERED 0.001 ND 0.002 July Correlance Complainte Co																		
ESNIKE Cover Shake R at Nuester Ed 38 18331 -127,70358 1 2011 31902011 Pestiode EPA 625 Diazrinon UNFILTERED -0.002 ND -0.002 0.004 jpgt Compliance Compl																		
SNRR Come Smake R at Nuestro Rd 38 18531 -121 70358 1 2011 42 2011 Physical Feedmanure Discharge NA 16 -38 -38 CFS NA NA Compliance Comp																		
ESNRR Cower Shake R at Nuestro Rd 39 18531 -12170558 1 2011 42 12 1011 Principle PA 625 Oalszinon UNFILTERED -0.002 ND 0.000 0.000 uph Compliance Compliance Compliance Compliance Compliance Compliance Compliance Compliance Compliance Compliance Compliance Compliance Compliance Complian											_							
SNRR Cover Stake R 3 Nestor Rd 39 18331 -121 70358 1 2011 42 12 011 Periodic PA 625 Diazzinon No. PRITERED 0.002 NO 0.002 0.004 ight Compliance Complia																		
ESNRK Lower Snake R at Nuestor Rd 39 18531 121 77358 1 2011 5172011 President Fedebasser Nature Snake R at Nuestor Rd 39 18531 121 77358 1 2011 5172011 President EA-R25 Diazinon UNFILTERED 0.000 IND 0.001 0.002 U.O. QUI µJL Compliance Com																		
ESNRT Lower Snake R at Nuestro Rd 39,1853 -12170356 2011 51772011 Pesticide EPA 625 Diazinon INFLITERED -0.002 ND 0.002 ugil Compliance Compliance Compliance																		-
SNRR Lower Snake R at Nuestro Rd 39,1853 -12170358 1 2011 57772011 Pesticule EPA 625 Diazrino UNPLITERED -0.002 ND -0.002 0.004 pg/L Compliance Complianc								,										
ESNRR Lower Snake R. at Nuesteo Rd 39,18531 1217,03555 1 2011 5177,2011 Physical FledMeasure Obcharge NA 145 86 .86 SFS NA NA Compliance																		
ESNRR Lower Snake R, at Nuestro Rd 39 18531 -121 70358 1 2011 62/1/2011 Pesticide EPA 625 Diazimon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Com																		
ESNRR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 621/2011 Pesticide EPA 625 Diazinon UPFILTERED -0.002 ND -0.002 0.004 µg/L Compliance Com																		
ESNKR Lower Snake R, at Nuestro Rd 39,18531 121,70358 1 2011 621/2011 Physical FieldMeasure Discharge NA 73 5 -88 -88 CFS NA NA Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 121,70358 1 2011 7/19/2011 Physical FieldMeasure Discharge NA 75 5 -88 -88 CFS NA NA NA NA NA NA NA N																		
ESNER Lower Snake R at Nuestro Rd 39,18531 -121,70358 1 2011 7/19/2011 Pesticide EPA 625 Oliopyrifos Olive Compliance Comp																		-
ESNKR Lower Snake R. at Nuestro Rd 39,18531 -1217,0358 1 2011 719/2011 Plesticide EPA 625 Chiopyrifos Lower Snake R. at Nuestro Rd 39,18531 -1217,0358 1 2011 816/2011 Plesticide EPA 625 Chiopyrifos Lower Snake R. at Nuestro Rd 39,18531 -1217,0358 1 2011 816/2011 Plesticide EPA 625 Chiopyrifos Lower Snake R. at Nuestro Rd 39,18531 -1217,0358 1 2011 816/2011 Plesticide EPA 625 Chiopyrifos Lower Snake R. at Nuestro Rd 39,18531 -1217,0358 1 2011 816/2011 Plesticide EPA 625 Chiopyrifos Lower Snake R. at Nuestro Rd 39,18531 -1217,0358 1 2011 816/2011 Plysical FleidMeasure Discharge NA 138,39 - 488 -88 CFS NA NA NA NA NA NA NA N								,										
ESNIKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 71/192011 Pesticide EPA 625 Chloryriflos UPFILTERED -0.001 NO 0.002 ug/L Compliance Compli																		
LSNKR Lower Snake R. at Nuestro Rd 39,18531 - 121,70358 1 2011 8/16/2011 Pesticide EPA 625 Diazinon UNFILTERED -0.002 VD 0.002 VD 0.002 VD VO VD VO VD VO VD VD													- -					
LSNKR Lower Snake R at Nuestro Rd 39,18531 -121,70358 1 2011 8/16/2011 Pisciscide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 ug/L Compliance Com													ND.					
LSNKR Lower Snake R at Nuestro Rd 39 18531 -121 70358 1 2011 87 16/2011 Physical FieldMeasure Discharge NA 133.39 =																		
LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 9/21/2011 Pesticide EPA 625 Chloryrifos UNFILTERED -0,002 ND 0,002 O,004 Lg/L Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 9/21/2011 Pesticide EPA 625 Diazinon UNFILTERED -0,002 ND 0,002 O,004 Lg/L Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 9/21/2011 Pesticide EPA 625 Chloryrifos UNFILTERED -0,001 ND 0,000 0,002 Lg/L Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 2 2011 10/19/2011 Pesticide EPA 625 Chloryrifos UNFILTERED -0,001 ND 0,000 0,002 Lg/L Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 10/19/2011 Pesticide EPA 625 Chloryrifos UNFILTERED -0,001 ND 0,000 0,002 Lg/L Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 10/19/2011 Pesticide EPA 625 Diazinon UNFILTERED -0,002 ND 0,002 0,004 Lg/L Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 10/19/2011 Pesticide EPA 625 Diazinon UNFILTERED -0,002 ND 0,002 0,004 Lg/L Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 10/19/2011 Pesticide EPA 625 Diazinon UNFILTERED -0,002 ND 0,002 0,004 Lg/L Compliance Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 10/19/2011 Pesticide EPA 625 Diazinon UNFILTERED -0,002 ND 0,002 0,004 Lg/L Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 11/19/2011 Pesticide EPA 625 Diazinon UNFILTERED -0,000 ND 0,002 0,004 Lg/L Compliance LSNKR Lower Snake R, at Nuestro Rd 39,18531 -121,70358 1 2011 12/19/2011 Pesticide EPA 625 Diazinon UNFILTE											_		=					
ESNKR Lower Snake R. at Nuestro Rd 39,18531 -121,70358 1 2011 921/2011 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Comp													-					
ESNIKR Lower Snake R, at Nuestor Rd 39,18531 -1217,0358 1 2011 1019/2011 Pesticide EPA 625 Chloryprifos UNFILTERED -0.001 ND 0.002 µg/L Compliance Complian																		
Lower Snake R. at Nuestro Rd 39,18531 -121,70358 2 2011 10/19/2011 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compli																		
SNIKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 2 2011 10/19/2011 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.002 µg/L Compliance Compli																		
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 10/19/2011 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 10/19/2011 Physical FieldMeasure Discharge NA 66.81 = -88 -88 CFS NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 11/9/2011 Physical FieldMeasure Discharge NA 47.2 = -88 -88 CFS NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 11/9/2011 Physical FieldMeasure Discharge NA 47.2 = -88 -88 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 11/9/2011 Physical FieldMeasure Discharge NA 47.2 = -88 -88 CFS NA					2													Compliance
ESNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 2 2011 10/19/2011 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 g/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 11/9/2011 Physical FieldMeasure Discharge NA 47.2 - 4.88 -88 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 11/9/2011 Physical FieldMeasure Discharge NA 47.2 - 4.88 -88 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 11/26/2011 Physical FieldMeasure Discharge NA 47.2 - 4.88 -88 CFS NA NA NA NA NA NA NA N																	<u> </u>	Compliance
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 10/19/2011 Physical FieldMeasure Discharge NA 66.81 = -88 -88 CFS NA NA NA NA NA NA NA N	LSNKR				2	2 2011				Diazinon				0.002				Compliance
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 12/8/2011 Physical FieldMeasure Discharge NA 91.34 = -88 -88 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 12/4/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Complianc	LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2011			FieldMeasure	Discharge	NA			-88			NA	
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2011 12/8/2011 Physical FieldMeasure Discharge NA 91.34 = 88 -88 CFS NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 1/24/2012 Pesticide EPA 625 Chiorpyrifos UNFILTERED -0.001 ND 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 1/24/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0064 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 1/24/2012 Physical FieldMeasure Discharge NA 252.2 -88 -88 CFS NA NA NA NA NA NA NA N	LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2011	11/9/2011	Physical	FieldMeasure	Discharge	NA	47.2 =	=	-88	-88	CFS	NA	NA
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 1/24/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 1/24/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.0064 0.002 µg/L Compliance	LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2011			FieldMeasure	Discharge	NA	91.34 =	=	-88			NA	NA
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 1/24/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 2/23/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 2/23/2012 Physical FieldMeasure Velocity NA 2 1 0.002 ND 0.002 ND 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Physical FieldMeasure Discharge NA 59.4 -88 0 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.007 ND 0.000 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.007 ND 0.000 0	LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 N	ND	0.001			Compliance	Compliance
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 2/23/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 2/23/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Physical FieldMeasure Discharge NA 59.4 88 0 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND 0.002 0.004 µg/L Compliance		Lower Snake R. at Nuestro Rd		-121.70358				Pesticide	EPA 625		UNFILTERED							Compliance
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 2/23/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 2/23/2012 Physical FieldMeasure Velocity NA 2 NA										Discharge							NA	NA
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 2/23/2012 Physical FieldMeasure Velocity NA 2 -88 0.1 It/s NA																		Compliance
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Co												-0.002	ND					Compliance
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Physical FieldMeasure Discharge NA 59.4 -88 0 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 4/19/2012 Physical FieldMeasure Discharge NA 43.71 -88 0 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance NR NR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.007 0.000 0.004 µg/L Compliance Com												2						
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 3/15/2012 Physical FieldMeasure Discharge NA 59.4 -88 0 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 4/19/2012 Physical FieldMeasure Discharge NA 43.71 -88 0 CFS NA NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.007 0.002 0.004 µg/L Compliance Compliance																		Compliance
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 4/19/2012 Physical FieldMeasure Discharge NA 43.71 -88 0 CFS NA NA LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compl		Lower Snake R. at Nuestro Rd							EPA 625	Diazinon	UNFILTERED		ND				Compliance	Compliance
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Co																		
LSNKR Lower Snake R. at Nuestro Rd 39.18531 -121.70358 1 2012 5/15/2012 Pesticide EPA 625 Diazinon UNFILTERED 0.007 0.002 0.004 µg/L Compliance Compliance																		
													ND					Compliance
II SNKR Lower Snake R at Nijestro Rd 39 18531 -121 70358 1 2012 5/15/2012 Physical FieldMeasure Discharge NA 31 17 -88 nI/CES NA NA											_							Compliance
Learner promote an interest and the control of the latter	LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012	5/15/2012	Physical	FieldMeasure	Discharge	NA	31.17		-88	0	CFS	NA	NA

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
							Category								Exceedance, 1-hr	Exceedance, 4-
															·	day
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358				,	FieldMeasure	Discharge	NA	96.83	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012			FieldMeasure	Discharge	NA	52.63	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012		,	FieldMeasure	Discharge	NA	93.96	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012			FieldMeasure	Discharge	NA	88.08	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012			FieldMeasure	Discharge	NA	65.71	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2012			FieldMeasure	Discharge	NA	138.63	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358			1/22/2013		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358			.,,_,		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					FieldMeasure	Discharge	None	75.73 =	-88		CFS	NA	NA Carantinana
LSNKR LSNKR	Lower Snake R. at Nuestro Rd Lower Snake R. at Nuestro Rd	39.18531 39.18531	-121.70358 -121.70358		1 2013 1 2013			EPA 625 EPA 625	Chlorpyrifos Diazinon	UNFILTERED UNFILTERED	-0.0005 ND -0.0005 ND	0.0005 0.0005	0.001		Compliance Compliance	Compliance Compliance
LSNKR		39.18531	-121.70358 -121.70358							_	-0.0005 ND 24.44 =		0.001			
	Lower Snake R. at Nuestro Rd					2/21/2013		FieldMeasure	Discharge	None		-88		CFS	NA	NA Commission
LSNKR LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2013 1 2013			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND -0.0005 ND	0.0005 0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					EPA 625	Diazinon	UNFILTERED	-0.0005 ND 20.4 =	-88	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd Lower Snake R. at Nuestro Rd	39.18531 39.18531	-121.70358 -121.70358		1 2013 1 2013			FieldMeasure FieldMeasure	Discharge	None None		-88 -88		CFS CFS	NA NA	NA NA
LSNKR		39.18531	-121.70358		1 2013	4/16/2013	,		Discharge	UNFILTERED	0 = -0.0005 ND	0.0005	0.001			
LSNKR	Lower Snake R. at Nuestro Rd Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2013	5/21/2013 5/21/2013		EPA 625 EPA 625	Chlorpyrifos Diazinon	UNFILTERED	-0.0005 ND -0.0005 ND	0.0005			Compliance Compliance	Compliance Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					FieldMeasure			150.08 =	-88	0.001	CFS	-	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					EPA 625	Discharge Chlorpyrifos	None UNFILTERED	-0.0005 ND	0.0005	0.001		NA Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358			6/18/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2013	6/18/2013		FieldMeasure	Discharge	None	23.46 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358			7/17/2013	,		Chlorpyrifos	UNFILTERED	0.0018 DNQ	0.0002	0.002		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					SW846 8270 Mod (Diazinon	UNFILTERED	-0.0001 ND	0.0002	0.002		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2013	7/17/2013		FieldMeasure	Discharge	None	48.48 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358			8/20/2013			Chlorpyrifos	UNFILTERED	0.0019 DNQ	0.0005	0.002		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					SW846 8270 Mod (UNFILTERED	-0.00019 DNQ	0.0003	0.002		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358			0,-0,-0		FieldMeasure	Discharge	None	142.63 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358		1 2013			SW846 8270 Mod (Chlorpyrifos	UNFILTERED	0.0007 DNQ	0.0005	0.002		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358						Diazinon	UNFILTERED	-0.0001 ND	0.0003	0.0015		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd	39.18531	-121.70358					FieldMeasure	Discharge	None	124.06 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2013	11/20/2013		FieldMeasure	Discharge	None	149.01 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358			12/11/2013		FieldMeasure	Discharge	None	167.48 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358	2		1/14/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358			1/14/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358			1/14/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	1/14/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358			1/14/2014		FieldMeasure	Discharge	None	111 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	2/10/2014		FieldMeasure	Discharge	None	167.24 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	3/18/2014		FieldMeasure	Discharge	None	22.41 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	4/17/2014	,	FieldMeasure	Discharge	None	15.7 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358					EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	5/20/2014		FieldMeasure	Discharge	None	125.75 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	6/17/2014		FieldMeasure	Discharge	None	35.53 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	7/16/2014	,	FieldMeasure	Discharge	None	51.38 =	-88	0	CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358			7/16/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	7/16/2014		EPA 625	Chlorpyrifos	UNFILTERED	0.0029 =	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014	8/20/2014		FieldMeasure	Discharge	None	110.4 =	-88		CFS	NA	NA
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358			8/20/2014		EPA 625	Chlorpyrifos	UNFILTERED	0.0076 =	0.0005	0.001		Compliance	Compliance
LSNKR	Lower Snake R. at Nuestro Rd.	39.18531	-121.70358		1 2014			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
			2200													

LSNKR Lower Sr LSNKR Lower Sr LSNKR Lower Sr PNCHY Pine Cree PNCGR Pine Cree	Snake R. at Nuestro Rd. eek at Highway 32 eek at Nord Gianella Road	39.18531 39.18531 39.18531 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.70358 -121.70358 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2014 2014 2014 2014 2014 2014 2014 2014	9/16/2014 9/16/2014 9/16/2014 2/11/2014 3/19/2014 4/16/2014 5/21/2014 6/18/2014 6/18/2014	Pesticide Pesticide Physical Physical Physical Physical Physical Pesticide	FieldMeasure EPA 625 EPA 625 FieldMeasure FieldMeasure FieldMeasure FieldMeasure EPA 625	Discharge Chlorpyrifos Diazinon Discharge Discharge Discharge Discharge Discharge Discharge	None UNFILTERED UNFILTERED None None None None	45.98 = -0.0005 ND -0.0005 ND -88 = -88 = NR NR	-88 0.0005 0.0005 -88 -88 -88	0.001 0.001 0 0 0		Compliance Compliance NA NA NA	NA Compliance Compliance NA NA NA NA
LSNKR Lower Sr LSNKR Lower Sr LSNKR Lower Sr PNCHY Pine Cree PNCGR Pine Cree	Snake R. at Nuestro Rd. Snake R. at Nuestro Rd. eek at Highway 32 eek at Nord Gianella Road	39.18531 39.18531 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.70358 -121.70358 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2014 2014 2014 2014 2014 2014 2014 2014	9/16/2014 9/16/2014 2/11/2014 3/19/2014 4/16/2014 5/21/2014 6/18/2014 6/18/2014	Pesticide Pesticide Physical Physical Physical Physical Physical Pesticide	EPA 625 EPA 625 FieldMeasure FieldMeasure FieldMeasure FieldMeasure EPA 625	Chlorpyrifos Diazinon Discharge Discharge Discharge Discharge	UNFILTERED UNFILTERED None None None	-0.0005 ND -0.0005 ND -88 = -88 = NR	0.0005 0.0005 -88 -88 -88	0.001 0.001 0 0 0	μg/L μg/L CFS CFS CFS	Compliance Compliance NA NA NA	NA Compliance Compliance NA NA NA
LSNKR Lower Sr PNCHY Pine Cree PNCGR Pine Cree	Snake R. at Nuestro Rd. reek at Highway 32 reek at Nord Gianella Road	39.18531 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.70358 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2014 2014 2014 2014 2014 2014 2014 2014	9/16/2014 2/11/2014 3/19/2014 4/16/2014 5/21/2014 6/18/2014 6/18/2014 6/18/2014	Pesticide Physical Physical Physical Physical Physical Pesticide	EPA 625 FieldMeasure FieldMeasure FieldMeasure FieldMeasure EPA 625	Diazinon Discharge Discharge Discharge Discharge	UNFILTERED None None None None	-0.0005 ND -88 = -88 = NR	0.0005 -88 -88 -88	0.001 0 0 0	μg/L CFS CFS CFS	Compliance NA NA NA	Compliance NA NA NA NA
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2014 2014 2014 2014 2014 2014 2014 2014	2/11/2014 3/19/2014 4/16/2014 5/21/2014 6/18/2014 6/18/2014 6/18/2014	Physical Physical Physical Physical Pesticide	FieldMeasure FieldMeasure FieldMeasure FieldMeasure EPA 625	Discharge Discharge Discharge Discharge	None None None	-88 = -88 = NR	-88 -88 -88	0 0 0	CFS CFS CFS	NA NA NA	NA NA NA
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1 1 1 1 1 1 1 1 1	2014 2014 2014 2014 2014 2014 2014 2014	3/19/2014 4/16/2014 5/21/2014 6/18/2014 6/18/2014 6/18/2014	Physical Physical Physical Pesticide	FieldMeasure FieldMeasure FieldMeasure EPA 625	Discharge Discharge Discharge	None None	-88 = NR	-88 -88 -88	0 0 0	CFS CFS	NA NA	NA NA
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1 1 1 1 1 1 1 1 1	2014 2014 2014 2014 2014 2014	4/16/2014 5/21/2014 6/18/2014 6/18/2014 6/18/2014	Physical Physical Pesticide	FieldMeasure FieldMeasure EPA 625	Discharge Discharge	None None	NR	-88 -88	0	CFS	NA	NA
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2014 2014 2014 2014 2014	5/21/2014 6/18/2014 6/18/2014 6/18/2014	Physical Pesticide	FieldMeasure EPA 625	Discharge	None		-88	0			
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1 1	2014 2014 2014 2014	6/18/2014 6/18/2014 6/18/2014	Pesticide	EPA 625			NR			CFS	NA I	
PNCHY Pine Cree PNCGR PINE Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1 1 1	2014 2014 2014	6/18/2014 6/18/2014			Diazinan							NA
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1	2014 2014	6/18/2014	Pesticide			UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712 -121.9712	1 1	2014			EPA 625	Chlorpyrifos	UNFILTERED	0.1867 =	0.0005	0.001			Exceedance
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712 -121.9712	1				FieldMeasure	Discharge	None	NR	-88		CFS		NA
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712 -121.9712		2014	7/17/2014		FieldMeasure	Discharge	None	NR	-88		CFS		NA
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712 -121.9712	1		7/17/2014		EPA 625	Chlorpyrifos	UNFILTERED	0.0077 =	0.0005	0.001			Compliance
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Highway 32 reek at Highway 32 reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534 39.7534	-121.9712		2014	7/17/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001			Compliance
PNCHY Pine Cree PNCHY Pine Cree PNCHY Pine Cree PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Highway 32 reek at Highway 32 reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534 39.7534		1	2014	8/20/2014		FieldMeasure	Discharge	None	NR	-88		CFS	NA	NA
PNCHY Pine Cree PNCHY Pine Cree PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Highway 32 reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534 39.7534	-171 97171	1	2014	8/20/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
PNCHY Pine Cree PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Highway 32 reek at Nord Gianella Road	39.7534 39.7534		1	2014	8/20/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
PNCHY Pine Cree PNCGR Pine Cree	reek at Highway 32 reek at Nord Gianella Road	39.7534	-121.9712	1	2014	9/17/2014		FieldMeasure	Discharge	None	0 =	-88		CFS		NA
PNCGR Pine Cree	eek at Nord Gianella Road		-121.9712	1	2014	9/17/2014		EPA 8141A	Diazinon	UNFILTERED	-0.004 ND	0.004	0.02			Compliance
PNCGR Pine Cree		00 70444	-121.9712	1	2014	9/17/2014		EPA 8141A	Chlorpyrifos	UNFILTERED	-0.0026 ND	0.0026	0.015			Compliance
PNCGR Pine Cree	eek at Nord Gianella Road	39.78114	-121.98771	1	2009	5/20/2009		FieldMeasure	Discharge	NA	0 =	-88		CFS		NA
PNCGR Pine Cree		39.78114	-121.98771	1	2009	5/20/2009		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1	2009	5/20/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004			Compliance
PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1	2009	6/18/2009		FieldMeasure	Discharge	NA TERES	0 =	-88		CFS		NA
PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1	2009	6/18/2009		EPA 625	Chlorpyrifos	UNFILTERED	0.0132 =	0.001	0.002			Compliance
PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1	2009	6/18/2009		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004			Compliance
PNCGR Pine Cret	reek at Nord Gianella Road	39.78114	-121.98771	1		10/21/2010		FieldMeasure	Discharge	NA	0 =	-88		CFS		NA
PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1		11/11/2010		FieldMeasure	Discharge	NA	0 =	-88		CFS		NA
PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	12/9/2010		FieldMeasure	Discharge	NA LINEU TERER	155 =	-88		CFS	NA Carraliana	NA Carratiana
PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	1/19/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.0026 ND	0.0026	0.015			Compliance
PNCGR Pine Cree	reek at Nord Gianella Road reek at Nord Gianella Road	39.78114 39.78114	-121.98771 -121.98771	1	2011	1/19/2011		EPA 625 FieldMeasure	Diazinon	UNFILTERED NA	-0.004 ND 20.5 =	0.004 -88		μg/L CFS	Compliance NA	Compliance NA
PNCGR Pine Cree	eek at Nord Gianella Road	39.78114	-121.98771	1	2011	1/19/2011		FieldMeasure	Discharge Discharge	NA	1276 =	-oo -88		CFS		NA NA
PNCGR Pine Cree PNCGR Pine Cree PNCGR Pine Cree PNCGR Pine Cree	eek at Nord Gianella Road	39.78114	-121.98771	1	2011	2/16/2011 3/16/2011		EPA 625		UNFILTERED	-0.001 ND	0.001	0.002			
PNCGR Pine Cree PNCGR Pine Cree PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	3/16/2011		EPA 625	Chlorpyrifos Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance Compliance	Compliance Compliance
PNCGR Pine Cree PNCGR Pine Cree	eek at Nord Gianella Road	39.78114	-121.98771	1	2011	3/16/2011		FieldMeasure	Discharge	NA	367 =	-88		CFS		NA
PNCGR Pine Cree	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	4/22/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002			Compliance
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	4/22/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002			Compliance
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	4/22/2011		FieldMeasure	Discharge	NA	23.6 =	-88		CFS		NA
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	5/18/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
	eek at Nord Gianella Road	39.78114	-121.98771	1	2011	5/18/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND -0.002 ND	0.001	0.002		Compliance	Compliance
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	5/18/2011		FieldMeasure	Discharge	NA	73.2 =	-88		CFS		NA
	eek at Nord Gianella Road	39.78114	-121.98771	1	2011	6/22/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002			Compliance
	eek at Nord Gianella Road	39.78114	-121.98771	1	2011	6/22/2011		EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002			Compliance
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	6/22/2011		FieldMeasure	Discharge	NA	-0.002 ND	-88		CFS		NA
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	7/20/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.248 =	0.001	0.002			Exceedance
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	7/20/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	7/20/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS		NA
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	8/17/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.0825 =	0.001	0.002			Exceedance
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	8/17/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002			Compliance
		39.78114	-121.98771	1	2011	8/17/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS		NA
		39.78114	-121.98771	1	2011	9/21/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.0885 =	0.001	0.002			Exceedance
	reek at Nord Gianella Road	39.78114	-121.98771	1	2011	9/21/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
	reek at Nord Gianella Road reek at Nord Gianella Road		-121.98771	1	2011	9/21/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS		NA
	reek at Nord Gianella Road reek at Nord Gianella Road reek at Nord Gianella Road	3u /X11//	-121.98771	1		10/19/2011		EPA 625	Chlorpyrifos	UNFILTERED	0.0383 =	0.001	0.002			Exceedance
	reek at Nord Gianella Road reek at Nord Gianella Road reek at Nord Gianella Road reek at Nord Gianella Road	39.78114 39.78114	-121.98771	1	2011	10/19/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
	reek at Nord Gianella Road reek at Nord Gianella Road reek at Nord Gianella Road reek at Nord Gianella Road reek at Nord Gianella Road	39.78114	- 12 1.00///			10/10/2011	i oduoido	LI 7 020		JOINT IL LEINED			0.004		Compilation	Compliance
PNCGR Pine Cree	reek at Nord Gianella Road reek at Nord Gianella Road reek at Nord Gianella Road reek at Nord Gianella Road		-121.98771	1	2011	10/19/2011	Physical	FieldMeasure	Discharge	NA	0 =	-88		CFS		NA

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
				·			Category								Exceedance, 1-hr	
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2011	12/8/2011	Physical	FieldMeasure	Discharge	NA	0 =	-88	-88	CFS	NA	day NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771				Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012			FieldMeasure	Discharge	NA	90.48	-88		CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012			EPA 625	Chlorpyrifos	UNFILTERED	0.0027	0.001	0.002		Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012			FieldMeasure	Discharge	NA	0	-88		CFS	NA .	NA .
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012	3/15/2012	Physical	FieldMeasure	Discharge	NA	286.42	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012	4/18/2012	Physical	FieldMeasure	Discharge	NA	35.95	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	2	2012	5/16/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0034	0.001	0.002	μg/L	Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	•	1 2012	5/16/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0036	0.001	0.002	μg/L	Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	•	1 2012	5/16/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	0.0058	0.002	0.004	μg/L	Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	2	2 2012	5/16/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	0.0046	0.002	0.004		Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	•	1 2012	5/16/2012	Physical	FieldMeasure	Discharge	NA	0	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	•	1 2012	6/20/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	•	1 2012	6/20/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	•	1 2012	6/20/2012	Physical	FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012	9/19/2012	Physical	FieldMeasure	Discharge	NA	-88	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	,	1 2012	10/18/2012	Physical	FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2012	12/13/2012	Physical	FieldMeasure	Discharge	NA	56.67	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013	1/23/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μq/L	Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	,	1 2013	1/23/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	µg/L	Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013	1/23/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA .	NA .
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	,	1 2013	2/21/2013	Physical	FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013	3/21/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013	4/17/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	2				EPA 625	Chlorpyrifos	UNFILTERED	0.0432 =	0.0005	0.001		Exceedance	Exceedance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013	5/22/2013		EPA 625	Chlorpyrifos	UNFILTERED	0.0368 =	0.0005	0.001		Exceedance	Exceedance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	2		5/22/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013	5/22/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013	5/22/2013	Physical	FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA .
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	,	1 2013	7/17/2013	Physical	FieldMeasure	Discharge	None	-88 =	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2013	8/21/2013	Physical	FieldMeasure	Discharge	None	-88 =	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	,	1 2013	9/18/2013	Physical	FieldMeasure	Discharge	None	-88 =	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	•	1 2013	11/20/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771	•	1 2013	12/12/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
PNCGR	Pine Creek at Nord Gianella Road	39.78114	-121.98771		1 2014	1/15/2014	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	•	1 2010	1/19/2010	Physical	FieldMeasure	Discharge	NA	-88 NA	-88	-88	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927		2010	1/19/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2	2 2010	1/19/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	,	1 2010	1/19/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2	2010	1/19/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	,	1 2010	2/16/2010	Physical	FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA .
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	,	2010	2/16/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	,	1 2010	2/16/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	,	1 2010	3/17/2010	Physical	FieldMeasure	Discharge	NA	4.77 =	-88		CFS	NA	NA .
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	,	1 2010			EPA 625	Chlorpyrifos	UNFILTERED	0.0111 =	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	,	1 2010	3/17/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	,	1 2010	4/21/2010	Physical	FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA .
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927		1 2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927					FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927		1 2010			FieldMeasure	Discharge	NA	0 =	-88		CFS		NA
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SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
				·			Category								Exceedance, 1-hr	
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2010	6/15/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	ua/l	Compliance	day Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2				EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927			-,		EPA 625	Chlorpyrifos	UNFILTERED	-0.00101 ND	0.00101	0.00202		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2				EPA 625	Chlorpyrifos	UNFILTERED	-0.00102 ND	0.00101			Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927					EPA 625	Diazinon	UNFILTERED	-0.00202 ND	0.00202	0.00404		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2				EPA 625	Diazinon	UNFILTERED	-0.00204 ND	0.00204			Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927					FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Chlorpyrifos	UNFILTERED	-0.00103 ND	0.00103	0.00206		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.00206 ND	0.00206			Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	-	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2011			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2011			FieldMeasure	Discharge	NA	51.5 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2011	3/15/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1		3/15/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2011	3/15/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2011			FieldMeasure	Discharge	NA	147 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012			FieldMeasure	Discharge	NA	0	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121,7927	1	2012	3/14/2012	Physical	FieldMeasure	Discharge	NA	0	-88		CFS	NA .	NA .
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	4/17/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2				EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	4/17/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	0.0322	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2	2012	4/17/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	0.032	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	4/17/2012	Physical	FieldMeasure	Discharge	NA	0	-88	0	CFS	NA	NA .
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	5/15/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	5/15/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	0.0104	0.002	0.004	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	5/15/2012	Physical	FieldMeasure	Discharge	NA	0	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	7/17/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	7/17/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2012	7/17/2012	Physical	FieldMeasure	Discharge	NA	0	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2	2012	8/21/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1			Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	_0.2			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2		0,- 0,-0	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1			Physical	FieldMeasure	Discharge	NA	0	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2013			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				FieldMeasure	Discharge	None	95.52 =	-88	-	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2013			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				FieldMeasure	Discharge	None	0.52 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2				EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2				EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1		0,-,,-0,0		EPA 625	Chlorpyrifos	UNFILTERED	0.0026	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2013	5/21/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Qual Code	MDL	RL	Unit	TMDL	TMDL
			-				Category								Exceedance, 1-hr	Exceedance, 4- day
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2013	7/16/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2013	7/16/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	20.0	7/16/2013	Physical	FieldMeasure	Velocity	None	0.5 =	-88	0.1		NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2	2013	8/20/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	20.0	8/20/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	2			Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2013	8/20/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2013	8/20/2013	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014	3/18/2014	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2011			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014	3/18/2014	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2017			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014		Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2017			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014			FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014	7/15/2014	Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014	7/15/2014	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.001 =	0.0005	0.001	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1			Physical	FieldMeasure	Discharge	None	0 =	-88	0	CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1			Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0008 DNQ	0.0005	0.001	μg/L	Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1				EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014		Physical	FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2017		Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
RARPP	Rough and Ready Pumping Plant (RD 108)	38.86209	-121.7927	1	2014			EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	20.0		Physical	FieldMeasure	Velocity	NA	0 J	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2010			EPA 625	Diazinon	UNFILTERED	0.0269 =	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2010			FieldMeasure	Discharge	NA	-88 NM (high flows)	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	10/20/2010		FieldMeasure	Velocity	NA	0.2 =	-88		ft/s	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	11/10/2010		FieldMeasure	Discharge	NA	188 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011			FieldMeasure	Discharge	NA	1001 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	1/18/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.0026 ND	0.0026	0.015		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011			EPA 625	Diazinon	UNFILTERED	-0.004 ND	0.004		μg/L	Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1		.,	,	FieldMeasure	Discharge	NA	1425 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1				FieldMeasure	Discharge	NA	-88 NM	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	2		3/15/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1		3/15/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	2				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533				,	FieldMeasure	Discharge	NA	510 =	-88		CFS	NA "	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1		4/20/2011	,	FieldMeasure	Discharge	NA	918 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	4, , _, _ , _ ,		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2011			FieldMeasure	Discharge	NA	146 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	6/14/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	6/14/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	40 0 00 00 0		FieldMeasure	Discharge	NA	1334 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	7/19/2011		FieldMeasure	Discharge	NA	5.04 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	1	2011	8/17/2011	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
							Category			1100000					Exceedance, 1-hr	Exceedance, 4-
																day
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2 2011			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533			8/17/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533			8/17/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533			8/17/2011		FieldMeasure	Discharge	NA	701 =	-88 -88		CFS	NA	NA NA
SSKNK SSKNK	Sacramento Slough bridge near Karnak Sacramento Slough bridge near Karnak	38.785 38.785	-121.6533 -121.6533		2 2011 1 2011	8/17/2011 9/20/2011		FieldMeasure EPA 625	Discharge Chlorpyrifos	NA UNFILTERED	701 = 0.0022 =	0.001	0.002	CFS	NA Compliance	NA Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2011	9/20/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533			9/20/2011		FieldMeasure	Velocity	NA	1 =	-88	-88		NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2011	10/18/2011	,	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2011	10/18/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2011	10/18/2011	Physical	FieldMeasure	Discharge	NA	-88 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2011	11/8/2011	Physical	FieldMeasure	Discharge	NA	-88 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2011	12/7/2011	Physical	FieldMeasure	Discharge	NA	692.21 =	-88	-88	CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2012	.,,		FieldMeasure	Discharge	NA	1181.2	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					FieldMeasure	Velocity	NA	0	-88		ft/s	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2012			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2012			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2012			FieldMeasure	Velocity	NA	0.1	-88	0.1		NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2012			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK SSKNK	Sacramento Slough bridge near Karnak	38.785 38.785	-121.6533		1 2012 1 2012			EPA 625	Diazinon	UNFILTERED	-0.002 ND -88	0.002 -88	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak Sacramento Slough bridge near Karnak	38.785	-121.6533 -121.6533		1 2012			FieldMeasure EPA 625	Discharge Chlorpyrifos	NA UNFILTERED	-0.001 ND	0.001	0.002	CFS	NA Compliance	NA Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2012			EPA 625	Diazinon	UNFILTERED	0.0066	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2012			FieldMeasure	Discharge	NA	-88	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					FieldMeasure	Discharge	NA NA	-88	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2012	7/17/2012	Physical	FieldMeasure	Discharge	NA	-88	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2012	8/21/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2012	8/21/2012	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2012		Physical	FieldMeasure	Discharge	NA	670.69	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533			-,,		FieldMeasure	Discharge	NA	535.72	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533				,	FieldMeasure	Discharge	NA	-88	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2012			FieldMeasure	Velocity	NA	3.12	-88		ft/s	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2013			FieldMeasure	Velocity	None	0.1 =	-88		ft/s	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2013			FieldMeasure	Velocity	None	0.5 =	-88	0.1		NA	NA
SSKNK SSKNK	Sacramento Slough bridge near Karnak	38.785 38.785	-121.6533 -121.6533		1 2013 1 2013			EPA 625	Chlorpyrifos	UNFILTERED UNFILTERED	-0.0005 ND	0.0005 0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak					3/20/2013		EPA 625 FieldMeasure	Diazinon	None	-0.0005 ND 1 =	-88	0.001		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak Sacramento Slough bridge near Karnak	38.785 38.785	-121.6533 -121.6533		1 2013			EPA 625	Velocity Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.1		NA Compliance	NA Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2013	4/30/2013		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533			4/30/2013		FieldMeasure	Discharge	None	1 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	2			,	FieldMeasure	Discharge	None	1 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	-				EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533	2				FieldMeasure	Discharge	None	0.1 =	-88	0	CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2010			FieldMeasure	Discharge	None	0.1 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2010			FieldMeasure	Discharge	None	1 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2 2013			FieldMeasure	Discharge	None	1 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		2010		,	FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533					FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA C"
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533		1 2013			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK SSKNK	Sacramento Slough bridge near Karnak	38.785 38.785	-121.6533 -121.6533		1 2013 2 2013	8/27/2013		EPA 625 FieldMeasure	Diazinon	UNFILTERED None	-0.0005 ND 5 =	0.0005 -88	0.001		Compliance	Compliance NA
SSKNK	Sacramento Slough bridge near Karnak	38.785	-121.6533 -121.6533			8/27/2013	,	FieldMeasure	Discharge	None	5 =	-88 -88		CFS CFS	NA NA	NA NA
SSKINK	Sacramento Slough bridge near Karnak	38.785	-121.0533		1 2013	8/27/2013	rnysicai	rieldivieasure	Discharge	INOUE	5 =	-88	0	CLQ	INA	IVA

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
			J	•		,	Category								Exceedance, 1-hr	Exceedance, 4-
001/11/		00.705	101.0500		0010	0/47/0040	Di i i	E: 1104	D: I	N	00			050	N10	day
SSKNK	Sacramento Slough bridge near Karnak Sacramento Slough Bridge near Karnak	38.785 38.785	-121.6533 -121.6533					FieldMeasure FieldMeasure	Discharge Velocity	None None	-88 = 0.7 =	-88 -88		CFS ft/s	NA NA	NA NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533					FieldMeasure	Velocity	None	0.7 =	-88		ft/s	NA	NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533			1/14/2014	,	FieldMeasure	Discharge	None	-88 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014	2/10/2014		FieldMeasure	Discharge	None	1339.53 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014			FieldMeasure	Discharge	None	-88 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014	4/15/2014		FieldMeasure	Discharge	None	NR NR	-88		CFS	NA	NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533			5/20/2014		EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014	5/20/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014			FieldMeasure	Discharge	None	1 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014	6/17/2014		EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014	7/15/2014		FieldMeasure	Discharge	None	0 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		-		,	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	_	Compliance	Compliance
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014			EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001		Compliance	Compliance
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014			EPA 8141A	Diazinon	UNFILTERED	-0.004 ND	0.004		μg/L	Compliance	Compliance
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014	8/19/2014		EPA 8141A	Chlorpyrifos	UNFILTERED	-0.0026 ND	0.0026	0.015		Compliance	Compliance
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014	8/19/2014		FieldMeasure	Discharge	None	5 =	-88		CFS	NA	NA
SSKNK	Sacramento Slough Bridge near Karnak	38.785	-121.6533		1 2014			FieldMeasure	Discharge	None	NR	-88		CFS	NA	NA
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337					FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010	2/16/2010		FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	2	2 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337					EPA 625	Diazinon	UNFILTERED	0.0099 =	0.002	0.004		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337					FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337			-,,		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337					FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	2	2 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010	4/20/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	2				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337					FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	0.0271 =	0.001	0.002		Exceedance	Exceedance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010	6/15/2010	Physical	FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	0.00248 =	0.001	0.002		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337					EPA 625	Chlorpyrifos	UNFILTERED	-0.00104 ND	0.00104	0.00207		Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			EPA 625	Diazinon	UNFILTERED	-0.00207 ND	0.00207			Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337					EPA 625	Chlorpyrifos	UNFILTERED	-0.00104 ND	0.00104			Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010	8/17/2010	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.00208 ND	0.00208			Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010	8/17/2010	Physical	FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2010			EPA 625	Chlorpyrifos	UNFILTERED	-0.000971 ND	0.000971	0.00194	μg/L	Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	2	2 2010	9/21/2010	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.000964 ND	0.000964			Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337					EPA 625	Diazinon	UNFILTERED	-0.00194 ND	0.00194			Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	2				EPA 625	Diazinon	UNFILTERED	-0.00193 ND	0.00193			Compliance	Compliance
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	-				FieldMeasure	Discharge	NA	-88 NA	-88		CFS	NA	NA
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337				,	FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2011	11/9/2010		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337		1 2011	12/7/2010		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337			1/18/2011		FieldMeasure	Discharge	NA	0 =	-88		CFS	NA	NA
SSLIB	Shaq Slough at Liberty Island Bridge	38.30677	-121.69337		-		,	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
	olough at Electry loland bridge	30.00011	1.00001		. 2011	_, 10,2011	. 555146	,	J Py11103	, J	0.00.	0.001	J.002	12.2		paoo

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Second S	NA Compliance
SSUE Sing Stough at Liberty island displayer SSUE SSUE Sing Stough at Liberty island displayer SSUE	
SSUB Stag Stough at Liberty brand frience 38.56077 121.66333 1. 2011 5172011 Pestode EPA 625 Chropyrifold UNFILTERD 0.001 NO. 2010 0.002 µgt, Compiles 0.003 0.0	NA Compliance
SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 517/2011 Pestidode EPA 625 Description UNPILITERED 0.001 NO 0.002 0.004 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 621/2011 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 77/20211 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 77/20211 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 77/20211 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles SSLIE Shag Shough at Liberty Island Bridge 38,38677 121,69337 2011 Pestidode EPA 625 Chlorypride UNPILITERED 0.001 NO 0.001 0.002 µg.b. Compiles UNPILITERED 0.001	
SSLIE Shag Slough at Liberty lained Rindge 38,38077 121,8937 1 2011 9172011 Physical FieldMeasure Valouty NA 0.6 = -88 -88 fin NA NA SSLIE Shag Slough at Liberty lained Rindge 38,38077 121,8937 1 2011 9272011 Physical FieldMeasure Valouty NA 0.0 = -80	
SSLIB Shag Shough at Liberty island Bridge 38,30677 12163337 2011 6272011 Pentiode EPA R25 0.00 0.007 N	NA
SSLIB Shag Shough at Liberty Island Bridge 38, 30077 1.12 (189337 1 2011 71/93011 Presided EPA 265 Chloryprific April Ap	ce Compliance
SSLIB Shag Slough at Liberty Internet Bridge 38,30677 -12169337 1 2011 77169011 Pestidode FPA 625 Diaziron UNFILTERED .0.0001 ND .0.002 jug Compiles .0.001 ND .0.002 jug Compiles .0.002 ND	ce Compliance
SSLIB Shag Slough at Liberty Island Bridge 83 30677 121 69337 1 2011 719/2011 Pestiode EPA 625 Diazzinon UNFILTERED -0.002 NO 0.002 0.004 jegl t. No. SSLIB Shag Slough at Liberty Island Bridge 38 30677 121 69337 1 2011 B1962011 Pestiode EPA 625 Chloryrifes UNFILTERED -0.001 NO 0.001 0.002 jegl Complete SSLIB Shag Slough at Liberty Island Bridge 38 30677 121 69337 1 2011 B1962011 Pestiode EPA 625 Chloryrifes UNFILTERED -0.001 NO 0.001 Journal Complete SSLIB Shag Slough at Liberty Island Bridge 38 30677 121 69337 1 2011 111/20011 Physical FieldMeasure Discharge NA 88 8 88 88 58 58 NA 88 88 88 88 88 88 8	NA
SSUB Shag Slough at Liberty Island Bridge 83 30677 121 89337 1 2011 1716/2011 Physical FieldMeasure Velocity NA 0.5 8-88 8-88 1/16 NA SSUB Shag Slough at Liberty Island Bridge 33 30677 121 89337 1 2011 1816/2011 Pestided EPA 625 Diazinon UNFILTERED 0.002 ND 0.002 µg.b. Complete SSUB Shag Slough at Liberty Island Bridge 38 30677 121 89337 1 2011 1816/2011 Presided EPA 625 Diazinon UNFILTERED 0.002 ND 0.002 0.004 µg.b. Complete SSUB Shag Slough at Liberty Island Bridge 38 30677 121 89337 1 2011 1816/2011 Presided EPA 625 Diazinon UNFILTERED 0.002 ND 0.002 0.004 µg.b. Complete SSUB Shag Slough at Liberty Island Bridge 38 30677 121 89337 1 2011 118/2011 Presided Final Shag Shough at Liberty Island Bridge 38 30677 121 89337 1 2012 123/2012 Physical FieldMeasure Velocity NA 0.5 4-88 0.1 Na Na Na Na Na Na Na N	
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SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 1/23/2012 Physical FleidMeasure Velocity NA 0.5 86 0.1 ft/s NA SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 2/21/2012 Physical FleidMeasure Velocity NA 0.1 86 0.1 ft/s NA SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 3/14/2012 Pesticide EPA 625 Dizznon UNFILTERED -0.001 ND 0.002 ND 0	NA
SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 31/4/2012 Pestidicide EPA 625 Chiorymiros Olizarion UNFILTERED -0.002 ND 0.002 Lough Compiler SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 31/4/2012 Physical FledMeasure Velocity NA 0 8.88 0.1 f/s NA SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 31/4/2012 Physical FledMeasure Velocity NA 0 0.88 0.1 f/s NA SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 51/5/2012 Pestidicide EPA 625 Chiorymiros UNFILTERED -0.001 ND 0.001 0.002 Light Compiler SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 51/5/2012 Pestidicide EPA 625 Chiorymiros UNFILTERED -0.001 ND 0.001 0.002 Light Compiler SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 51/5/2012 Pestidicide EPA 625 Chiorymiros UNFILTERED -0.001 ND 0.001 0.002 Light Compiler SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 51/5/2012 Pestidicide EPA 625 Chiorymiros UNFILTERED -0.001 ND 0.002 Light Compiler SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 51/5/2012 Pestidicide EPA 625 Diazinon UNFILTERED -0.001 ND 0.002 0.002 Light Compiler SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 51/5/2012 Pestidicide EPA 625 Diazinon UNFILTERED -0.001 ND 0.002 0.004 Light Compiler SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 51/5/2012 Pestidicide EPA 625 Diazinon UNFILTERED -0.001 ND 0.002 0.004 Light Compiler SSLIB Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2012 51/5/2012 Pestidicide EPA 625 Chiorymiros NNFILTERED -0.001 ND 0.002 0.002 Light	NA
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Sept	SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
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State Stat	SSLIB										_					Compliance	Compliance
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Stage Stag	SSLIB		38.30677	-121.69337		1 2013	9/17/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
Stage Stag	SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	2	2013	9/17/2013	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L	Compliance	Compliance
Stage Stag	SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337		1 2013	9/17/2013	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.0005 ND	0.0005	0.001	μg/L		Compliance
State Shade Sough at Liberty Island Bridge 83 80077 -12 60337 1 2013 10000013 Physical Field/Researce Discharge None -58 -58 D FS NA NA NA State NA		Shag Slough at Liberty Island Bridge		-121.69337	2	2013	9/17/2013	Pesticide	EPA 625	Diazinon	UNFILTERED			0.001	μg/L	Compliance	Compliance
Stage Shage Shag		Shag Slough at Liberty Island Bridge								Discharge							
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SSLIE Shag Slough at Liberty Island Bridge 38.30677 -121.60337 1 2014 41.f52014 [Physical FieldMeasure Discharge None NR -88 0 CFS NA NA											_					-	
SSUE Shag Slough at Liberty Island Bridge 38.30677 11.99337 1 2014 520/2014 Physical FieldMeasure Discharge None NR -86 0 CFS NA NA											_						
SSLIE Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2014 61772014 Pesticide EPA 625 Diazinon UNFILTERED -0.0005 ND 0.0005 0.001 Ig/L Compliance Compliance SSLIE Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2014 61772014 Physicide EPA 625 Diazinon NR -88 0.0075 NA NA NA NA SSLIE Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2014 61772014 Physical FieldMeasure Discharge None NR -88 0.0075 NA NA NA NA SSLIE Shag Slough at Liberty Island Bridge 38.30677 -121.69337 1 2014 8192014 Physical FieldMeasure Discharge None NR -88 0.0075 NA NA NA NA NA NA NA N																	
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Light Ligh	SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	•	1 2014	7/15/2014	Physical	FieldMeasure	Discharge	None	NR	-88	0	CFS	NA	NA
UcBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 3/19/2009 Pesticide EPA 625 Chioryrifos UnFILTERED -0.001 ND 0.002 µg/L Compliance Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 3/19/2009 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 µg/L Compliance Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 4/20/2009 Pesticide EPA 625 Chioryrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 4/20/2009 Pesticide EPA 625 Chioryrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 4/20/2009 Pesticide EPA 625 Chioryrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 4/20/2009 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 4/20/2009 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 5/19/2009 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 5/19/2009 Pesticide EPA 625 Chioryrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 5/19/2009 Pesticide EPA 625 Chioryrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 5/19/2009 Pesticide EPA 625 Chioryrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance UCBRD Ulatis Creek at Brown Road 3	SSLIB	Shag Slough at Liberty Island Bridge	38.30677	-121.69337	,	1 2014	8/19/2014	Physical	FieldMeasure	Discharge	None	NR	-88	0	CFS	NA	NA
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UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 5/19/2009 Physical FieldMeasure Discharge NA 8.65 = -88 -88 CFS NA NA																-	
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UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 8/18/2009 Physical FieldMeasure Discharge NA 8.14 = -88 CFS NA NA NA UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 8/18/2009 Pesticide EPA 625 Chlorpyrifos UNFILTERED -0.001 ND 0.001 0.002 µg/L Compliance Compliance UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 8/18/2009 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Compliance													0.002				
UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 8/18/2009 Pesticide EPA 625 Diazinon UNFILTERED -0.002 ND 0.002 0.004 µg/L Compliance Compliance	UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2009				Discharge		8.14 =	-88			NA	
	UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2009	8/18/2009	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
UCBRD Ulatis Creek at Brown Road 38.307 -121.794 1 2009 9/22/2009 Physical FieldMeasure Discharge NA 20.04 = -88 -88 CFS NA NA NA										Diazinon	UNFILTERED					Compliance	Compliance
	UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		2009	9/22/2009	Physical	FieldMeasure	Discharge	NA	20.04 =	-88	-88	CFS	NA	NA

SiteID	Site Name	Latitude	Longitude	Replicate	Report Year	Sample Date	Analyte	Method	Analyte	Fraction	Result Result Qual Code	MDL	RL	Unit	TMDL	TMDL
							Category		,						Exceedance, 1-hr	· · · · · · · · · · · · · · · · · · ·
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2009	9/22/2009	Docticido	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	/!	Compliance	day Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					EPA 625	Diazinon	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794			10/19/2010		FieldMeasure	Discharge	NA	4.48 =	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794			11/9/2010	,	FieldMeasure	Discharge	NA	51.7 =	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	12/7/2010		FieldMeasure	Discharge	NA	60.6 =	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794			1/18/2011		FieldMeasure	Discharge	NA	82.5 =	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	2/15/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794			2/15/2011		EPA 625	Diazinon	UNFILTERED	0.0125 =	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	2/15/2011		FieldMeasure	Discharge	NA	96.5 =	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	3/15/2011	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	ua/L	Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	3/15/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	3/15/2011		FieldMeasure	Velocity	NA	3 =	-88	-88		NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	4/20/2011		EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	4/20/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	,	1 2011	4/20/2011	Physical	FieldMeasure	Discharge	NA	166 =	-88		CFS	NA	NA .
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	5/17/2011	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0368 =	0.001	0.002	μg/L	Exceedance	Exceedance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	5/17/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	•	1 2011	5/17/2011	Physical	FieldMeasure	Discharge	NA	10.6 =	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	6/21/2011	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794			6/21/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	6/21/2011		FieldMeasure	Discharge	NA	14.3 =	-88		CFS	NA	NA .
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	7/19/2011	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	7/19/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	7/19/2011	Physical	FieldMeasure	Discharge	NA	15.76 =	-88		CFS	NA	NA .
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	8/16/2011	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002	μg/L	Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	8/16/2011		EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2011	8/16/2011	Physical	FieldMeasure	Discharge	NA	61.41 =	-88	-88	CFS	NA	NA .
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	•	1 2011	9/20/2011	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0162 =	0.001	0.002	μg/L		Exceedance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	•	1 2011	9/20/2011	Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004	μg/L	Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	•	1 2011	9/20/2011	Physical	FieldMeasure	Discharge	NA	19.36 =	-88	-88	CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	•	1 2011	11/8/2011	Physical	FieldMeasure	Discharge	NA	35.25 =	-88	-88	CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	•	1 2011	12/7/2011	Physical	FieldMeasure	Discharge	NA	24.28 =	-88	-88	CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794				Physical	FieldMeasure	Discharge	NA	1337.75	-88	-88	CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	•	1 2012	2/21/2012	Physical	FieldMeasure	Discharge	NA	11.99	-88	-88	CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	•	1 2012	3/14/2012	Pesticide	EPA 625	Chlorpyrifos	UNFILTERED	0.0222	0.001	0.002	μg/L		Exceedance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794				Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2012	3/14/2012	Physical	FieldMeasure	Discharge	NA	899.41	-88	0	CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		2012			EPA 625	Chlorpyrifos	UNFILTERED	0.0095	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794				Pesticide	EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2012			FieldMeasure	Discharge	NA	81.47	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2012			EPA 625	Chlorpyrifos	UNFILTERED	0.038	0.001	0.002		Exceedance	Exceedance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					EPA 625	Diazinon	UNFILTERED	0.0118	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2012			FieldMeasure	Discharge	NA	25.44	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					EPA 625	Diazinon	UNFILTERED	0.025	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794	2				EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					FieldMeasure	Discharge	NA	13.86	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794				,	FieldMeasure	Discharge	NA	25.82	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		2012			EPA 625	Chlorpyrifos	UNFILTERED	-0.001 ND	0.001	0.002		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		2012			EPA 625	Diazinon	UNFILTERED	-0.002 ND	0.002	0.004		Compliance	Compliance
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2012			FieldMeasure	Discharge	NA	5.56	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2012			FieldMeasure	Discharge	NA	7.94	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794					FieldMeasure	Discharge	NA	51.98	-88		CFS	NA	NA
UCBRD	Ulatis Creek at Brown Road	38.307	-121.794		1 2013	1/22/2013	Physical	FieldMeasure	Discharge	None	80.48 =	-88	0	CFS	NA	NA

APPENDIX B

Delta Regional Monitoring Program Participation Approval Letter for Reduced Individual Monitoring (February 26, 2016)





Central Valley Regional Water Quality Control Board

26 February 2016

David Guy President Northern California Water Association 455 Capitol Mall, Suite 335 Sacramento, CA 95814-4495

APPROVAL TO ALLOW THE SACRAMENTO VALLEY WATER QUALITY COALITION TO REDUCE WATER QUALITY MONITORING AND PARTICIPATE IN THE DELTA REGIONAL MONITORING PROGRAM

Thank you for submitting your 21 September 2015 letter to the Central Valley Regional Water Quality Control Board (Central Valley Water Board) proposing reductions to current water quality monitoring requirements in order to participate in the Delta Regional Monitoring Program (Delta RMP) as allowed by Order No. R5-2014-0030-R1 for growers within the Sacramento River watershed.

I approve the water quality monitoring reductions according to Table 1 (attached) and further described in the attached staff memo. Other monitoring requirements in the Monitoring and Reporting Program (MRP) of the Waste Discharge Requirements (WDRs) remain unchanged.

It is estimated that an annual contribution of \$35,000 during non-assessment years and \$54,000 during assessment years to the Delta RMP is reasonably equivalent to the costs the Coalition would have incurred absent the proposed monitoring reductions. These annual contributions are the minimum contributions to the Delta RMP in exchange for the reduced individual monitoring. While this letter approves reductions in water quality monitoring for participation in the Delta RMP, the Delta RMP Steering Committee ultimately will determine a process for defining adequate participation in the Delta RMP.

The reduced monitoring may begin in April 2016 on the condition that the Coalition provides the 2016 non-assessment year \$35,000 contribution to the Delta RMP by **30 April 2016**.

The Coalition shall continue to adequately participate in the Delta RMP to maintain the reduced monitoring as described in Table 1 and the staff memo. If adequate participation is not maintained, the Central Valley Water Board will require that the Coalition reinstate the monitoring required by the current Monitoring Plan Update and Order R5-2014-0030-R1.

Reduction in Total Maximum Daily Load (TMDL) Compliance Monitoring

Monitoring requirements for the Sacramento-San Joaquin Delta chlorpyrifos and diazinon TMDL at Ulatis Creek will be met with Delta RMP data. The Coalition will acquire and submit the monitoring data from the Delta RMP for 2016-2019 to meet the monitoring and reporting requirements of the Order and the Water Quality Control Plan for the Sacramento and San

KARL E. LONGLEY SCD, P.E., CHAIR | PAMELA C. CREEDON P.E., BCEE, EXECUTIVE OFFICER

Joaquin River Basins (Basin Plan). The Sacramento Valley Water Quality Coalition may submit a report on TMDL compliance three months after the Delta RMP releases the TMDL data.

If you have any questions about the Delta RMP or this approval, please contact Selina Cole at (916) 464-4683 or selina.cole@waterboards.ca.gov. If you have questions about ILRP monitoring requirements, please contact Susan Fregien at (916) 464-4813 or susan.fregien@waterboards.ca.gov.

Pamela C. Creedon Executive Officer

Attachments: Table 1. Approved Monitoring Reductions for Participation in the Delta RMP

Staff Memo

cc: Electronic copy only-

RMP Steering Committee (w/o Attachments)

Bruce Houdesheldt, SVWQC

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MONITORING LOCATIONS	CURRENT SPECIAL PROJECT MONITORING PLAN (Events/Year)	APPROVED MONITORING REDUCTIONS (Events/Year) FOR ALL YEARS	APPROVED REDUCED MONITORING PLAN (Events/Year) FOR ALL YEARS
Tule Canal at I-80	Metals (4) Boron Field Parameters ³ (4)	Suspend all monitoring	No monitoring required
Coon Creek at Striplin Road	Pesticides (4) chlorpyrifos/diazinon TMDL events/yr. Other constituents ⁴	Non-Assessment Years: Suspend all chlorpyrifos/diazinon TMDLmonitoring Assessment Years: Pesticides (1) chlorpyrifos/diazinon TMDL events/yr.	Non-Assessment Years: No chlorpyrifos/diazinon TMDL monitoring required Assessment Years: Pesticides (3) chlorpyrifos/diazinon TMDL events/yr. Other constituents ⁴
Rough and Ready Pumping Plant	Pesticides (5) chlorpyrifos/diazinon TMDL events/yr., (2) legacy Organochlorine TMDL events in assessment year 1	Non-Assessment Years: Suspend all monitoring Assessment Years: Pesticides (2) chlorpyrifos/diazinon TMDL events/yr.	
MONITORING LOCATIONS	CURRENT NON-ASSESSMENT MONITORING PLAN (Events/Year)	APPROVED MONITORING REDUCTIONS (Events/Year) FOR NON-ASSESSMENT YEARS ¹	APPROVED REDUCED MONITORING PLAN (Events/Year) FOR NON-ASSESSMENT YEARS'
Shag Slough at Liberty Island Bridge	Water Toxicity (4), Sediment Toxicity (2) Pesticides (3) chlorpyrifos/diazinon TMDL events/yr. Metals (1) Boron, Copper, Selenium E. coli, Field Parameters 3, TOC, TSS, Turbidity, Nutrients (4)	Suspend all monitoring	No monitoring required
Grand Island Drain near Leary Road	Sediment Toxicity (2) Pesticides (3) chlorpyrifos-only events/yr. (3) chlorpyrifos/diazinon TMDL events/yr. Arsenic (6) E. coli (3), Field Parameters ³ (6) Nutrients (5)	Pesticides (3) chlorpyrifos/diazinon TMDL events/yr. Arsenic (3) E. coli (3), Field Parameters (3) Nutrients (2)	Sediment Toxicity (2) Pesticides (3) chlorpyrifos-only events/yr Arsenic (3) E. coli (3), Field Parameters ³ (3) Nutrients (3)
Ulatis Creek at Brown Road	Water Toxicity (2) Selenastrum Pesticides (4) chlorpyrifos/diazinon TMDL events/yr. (2) diuron E. coli (3), Field Parameters³ (6)	Suspend all monitoring	No monitoring required
Cosumnes River at Twin Cities Road	Pesticides (4) chlorpyrifos/diazinon TMDL events/yr. E. coli (3), Field Parameters ³ (3)	Suspend all monitoring	No monitoring required
Colusa Basin Drain above Knights Landing	Pesticides (7) chlorpyrifos/diazinon TMDL events/yr. Other constituents	Suspend all chlorpyrifos/diazinon TMDLmonitoring	No chlorpyrifos/diazinon TMDL monitoring required Other constituents ⁴
Sacramento Slough Bridge near Kamak	Pesticides (6) chlorpyrifos/diazinon TMDL events/yr. Other constituents	Suspend all chlorpyrifos/diazinon TMDLmonitoring	No chlorpyrifos/diazinon TMDL monitoring required Other constituents ⁴
Lower Honcut Creek	Pesticides (4) chlorpyrifos/diazinon TMDL events/yr. Other constituents ⁴	Suspend all chlorpyrifos/diazinon TMDLmonitoring	No chlorpyrifos/diazinon TMDL monitoring required Other constituents
Lower Snake River at Nuestro Road	Pesticides (6) chlorpyrifos/diazinon TMDL events/yr. Other constituents ⁴	Suspend all chlorpyrifos/diazinon TMDLmonitoring	No chlorpyrifos/diazinon TMDL monitoring required Other constituents ⁴
Walker Creek near 99W and CR33	Pesticides (4) chlorpyrifos/diazinon TMDL events/yr. Other constituents ⁴	Suspend all chlorpyrifos/diazinon TMDLmonitoring	No chlorpyrifos/diazinon TMDL monitoring required Other constituents

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MONITORING LOCATIONS	CURRENT ASSESSMENT MONITORING PLAN (Events/Year) ²	APPROVED MONITORING REDUCTIONS (Events/Year) FOR ASSESSMENT YEARS ²	APPROVED REDUCED MONITORING PLAN (Events/Year) FOR ASSESSMENT YEARS ²
Shag Slough at Liberty Island Bridge	Water Toxicity (4), Sediment Toxicity (2) Pesticides (3) chlorpyrifos/diazinon TMDL events/yr. (2) legacy organochlorine TMDL events in assessment year 1. Metals (1) Boron, Copper, Selenium E. colf, Field Parameters ³ , TOC, TSS, Turbidity, Nutrients (4)	Water Toxicity (4), Sediment Toxicity (2) Metals (1) Boron, Copper, Selenium E. coli, Field Parameters ³ , TOC, TSS, Turbidity, Nutrients (4)	Pesticides (3) chlorpyrifos/diazinon TMDL events/yr.; (2) legacy organochlorine TMDL events in Year 1
Grand Island Drain near Leary Road	Water Toxicity (10) Ceriodaphnia, Pimephales, Selenastrum, Sediment Toxicity (2) Pesticides includes (3) chlorpyrifos/diazinon TMDL events/yr. (2) legacy organochlorine TMDL events in assessment year 1 Metals (6) Arsenic, (3) Copper E. coli, Field Parameters ³ , TOC, TSS, Turbidity, Nutrients (11) Other constituents ⁴	Water Toxicity (4) Ceriodaphnia, (2) Pimephales, (5) Selenastrum Pesticides (2) Organophosphate pesticides, (2) chlorothalonil, (3) hexazinone, (6) oxyfluorfen, (4) carbaryl, (3) diuron E. coli, Field Parameters ³ , TOC, TSS, Turbidity, Nutrients (5)	Water Toxicity (6) Ceriodaphnia, (8) Pimephales, (5) Selenastrum Sediment Toxicity (2) Pesticides (3) metolachlor, (3) chlorpyrifos/diazinon TMDL events/yr., (2) legacy organochlorine TMDL events in assessment year 1 Metals (6) Arsenic, (3) Copper E. coli, Field Parameters³, TOC, TSS, Turbidity, Nutrients (6) Other constituents⁴
Ulatis Creek at Brown Road	Water Toxicity (4) Ceriodaphnia, Pimephales, (11) Selenastrum, Sediment Toxicity (2) Pesticides (6) Organophosphate pesticides, includes (4) chlorpyrifos/diazinon TMDL events/yr., (3) hexazinone, (3) metolachlor, (9) oxyfluorfen, (9) diuron, (2) legacy organochlorine TMDL events in assessment year 1 Metals (3) Copper, (3) Boron, (4) Selenium E. coli, Field Parameters³, TOC, TSS, Nutrients (11) Hardness (3) Other constituents ⁴	Water Toxicity (4) Ceriodaphnia, Pimephales, (11) Selenastrum Pesticides (6) Organophosphate pesticides, includes (4) chlorpyrifos/diazinon TMDL events/yr. (3) hexazinone, (3) metolachlor, (9) oxyfluorfen, (9) diuron Metals (3) Copper, (2) Boron, (3) Selenium Field Parameters³, TOC, TSS, Turbidity (11) E. Coli, Nutrients (5) Hardness (3)	Sediment Toxicity (2) Pesticides (2) legacy organochlorine TMDL events in Pesticides (2) legacy organochlorine TMDL events in E. coli, Nutrients (6) Metals (1) Boron, (1) Selenium event in assessment year 1 Other constituents ⁴
Cosurmes River at Twin Cities Road	Water Toxicity (7), Sediment Toxicity (2) Pesticides (6), (4) chlorpyrifos/diazinon TMDL events/yr. (2) legacy organochlorine TMDL events in assessment year 1 Metals (3) Copper E. coli, Field Parameters ² , TOC, TSS, Turbidity, Nutrients (10), Hardness (3)	Pesticides (1) chlorpyrifos/diazinon TMDL event/yr.	Water Toxicity (7), Sediment Toxicity (2) Pesticides (6), (3) chlorpyrifos/diazinon TMDL events/yr. (2) legacy organochlorine TMDL events in assessment year 1 E. coli, Field Parameters³, TOC, TSS, Turbidity, Nutrients (10) Hardness (3) Metals (3) Copper
Colusa Basin Drain above Knights Landing	Pesticides (7) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (4) chlorpyrifos / diazinon TMDL events/yr.	Pesticides (3) chlorpyrifos / diazinon TMDL events/yr.
Sacramento Slough Bridge near Karnak	Pesticides (6) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (3) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (3) chlorpyrifos/diazinon TMDL events/yr.
Lower Honcut Creek	Pesticides (4) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (1) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (3) chlorpyrifos/diazinon TMDL events/yr.
Lower Snake River at Nuestro Road	Pesticides (6) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (3) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (3) chlorpyrifos/diazinon TMDL events/yr.
Walker Creek near 99W and CR33	Pesticides (4) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (1) chlorpyrifos/diazinon TMDL events/yr.	Pesticides (3) chlorpyrifos/diazinon TMDL events/yr.

Water Years 2016 & 2017 are Non-Assessment Monitoring Years.

Water Years 2018 & 2019 are Assessment Monitoring Years.

Water Years consist of pH, conductivity, dissolved oxygen, temperature, and flow.

Field Parameters consist of pH, conductivity, dissolved oxygen, temperature, and flow.