United States Department of the Interior

BUREAU OF RECLAMATION
Mid-Pacific Regional Office
2800 Cottage Way
Sacramento, California 95825-1898

IN REPLY REFER TO:

MP-170
PRJ-1.00

JAN 22 2010

Ms. Victoria Whitney
Deputy Director for Water Rights
Attn: Ms. Kathy Mrowka
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812-2000

Subject: Submittal of Sediment and Water Quality Monitoring Data Called for in Condition 22 of Order WR 2009-0058-DWR

Dear Ms. Whitney:

On October 1, 2009, the State Water Resources Control Board (State Board) issued Order WR 2009-0058-DWR (Order) for the Bureau of Reclamation, San Joaquin River Restoration Program (SJRRP) Water Year 2010 Interim Flows Project. Interim Flow releases began on October 1, 2009. On January 11, 2010, Reclamation submitted the 2009-2013 Interim Flow Release Program, Water Quality Monitoring Plan to the State Board.

Condition 22 of the Order states that Reclamation shall collect sediment and water quality information at specific locations along the river. These specific locations are included in tables within the Order, and are included as an enclosure to this document. The Order also states that results from all water quality monitoring must be submitted to the State Board, Division of Water Rights and the Central Valley Regional Water Quality Control Board (Regional Board) within two months of data collection.

Consistent with the Order, Reclamation conducted sediment and water quality sampling and monitoring for the fall 2009 Interim Flows. A scan of four types of pesticides in the water column was conducted. Based on results received from the laboratory to date, all four pesticides have been at non-detectable levels at the sample locations. Tests to date indicate that water quality results for trace elements, bacteria, total suspended solids, organic carbon, and other field measurements have been below levels of concern for human and aquatic life. As more monitoring data becomes available, Reclamation will continue to disseminate this information to the State Board and Regional Board. The monitoring data available to date is attached to this letter as an enclosure. The attached data has been quality controlled by Reclamation staff to ensure accuracy and consistency.

Reclamation has been, and will continue, to coordinate with the multi-agency SJRRP working group, called the Streamflow and Water Quality Monitoring (SFWQ) group, to fulfill the Order and to reach the SJRRP goals. The SFWQ group, which meets weekly during Interim Flow releases, includes the Regional Board, U.S. Fish and Wildlife Service, California Department of Fish and Game, California Department of Water Resources, U.S. Environmental Protection Agency, and National Marine Fisheries Service, to discuss Interim Flows data and adapt to real-time river conditions. The preliminary monitoring data is presented to this group through meetings and e-mail exchanges. The SFWQ group met from October 1 through November 19, 2009 to discuss river conditions. Following the completion of the fall flow releases on November 20, 2009, members of the SFWQ group continued to share information via e-mail as results became available. As flows are anticipated to be released from Friant Dam on February 1, 2010, the group will again commence the week of February 1 to further discuss sediment and water quality results and proposed future actions.

Thank you for your continued coordination and assistance in implementing the San Joaquin River Restoration Program's Water Year 2010 Interim Flows Project. Please contact me if you have any questions at 916-978-5455 or jphillips@usbr.gov.

Sincerely,

Alicia C Gasdick

FOR Jason R. Phillips
Program Manager

Enclosures - 2

Identical Letter Sent To:

Ms. Jeanne Chilcott, Chief
San Joaquin Watershed Unit
Central Valley Regional Water
Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

cc: Ms. TJ Kopshy
Central Valley Regional Water
Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670
(w/ encl)

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JAN 22 2010

Ms. Jeanne Chilcott, Chief
San Joaquin Watershed Unit
Central Valley Regional Water
Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670

Subject: Submittal of Sediment and Water Quality Monitoring Data Called for in Condition 22 of Order WR 2009-0058-DWR

Dear Ms. Chilcott:

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Consistent with the Order, Reclamation conducted sediment and water quality sampling and monitoring for the fall 2009 Interim Flows. A scan of four types of pesticides in the water column was conducted. Based on results received from the laboratory to date, all four pesticides have been at non-detectable levels at the sample locations. Tests to date indicate that water quality results for trace elements, bacteria, total suspended solids, organic carbon, and other field measurements have been below levels of concern for human and aquatic life. As more monitoring data becomes available, Reclamation will continue to disseminate this information to the State Board and Regional Board. The monitoring data available to date is attached to this letter as an enclosure. The attached data has been quality controlled by Reclamation staff to ensure accuracy and consistency.

Reclamation has been, and will continue, to coordinate with the multi-agency SJRRP working group, called the Streamflow and Water Quality Monitoring (SFWQ) group, to fulfill the Order and to reach the SJRRP goals. The SFWQ group, which meets weekly during Interim Flow releases, includes the Regional Board, U.S. Fish and Wildlife Service, California Department of Fish and Game, California Department of Water Resources, U.S. Environmental Protection Agency, and National Marine Fisheries Service, to discuss Interim Flows data and adapt to real-time river conditions. The preliminary monitoring data is presented to this group through meetings and e-mail exchanges. The SFWQ group met from October 1 through November 19, 2009 to discuss river conditions. Following the completion of the fall flow releases on November 20, 2009, members of the SFWQ group continued to share information via e-mail as results became available. As flows are anticipated to be released from Friant Dam on February 1, 2010, the group will again commence the week of February 1 to further discuss sediment and water quality results and proposed future actions.

Thank you for your continued coordination and assistance in implementing the San Joaquin River Restoration Program's Water Year 2010 Interim Flows Project. Please contact me if you have any questions at 916-978-5455 or jphillips@usbr.gov.

Sincerely,

FOR Alicia E. Kasdick

Jason R. Phillips
Program Manager

Enclosures - 2

Identical Letter Sent To:

Ms. Victoria Whitney
Deputy Director for Water Rights
Attn: Ms. Kathy Mrowka
State Water Resources Control Board
P.O. Box 2000
Sacramento, CA 95812-2000

cc: Ms. TJ Kopshy
Central Valley Regional Water
Quality Control Board
11020 Sun Center Drive, Suite 200
Rancho Cordova, CA 95670
(w/ encl)

Table 1

Baseline Analyses Required 1-week prior to Fall 2009 Interim Releases

Monitoring Site	Reach	TSS	Nutrients	TOC/DOC	Bacteria	Trace Elements	Pesticides	Bed Sediment
Millerton Lake	1A	1	1	1	1	1	1	
SJR just below Friant Dam	1A	1	1	1	1	1	1	1
SJR near HWY 99	1A	1	1	1	1	1	1	1
SJR at Gravelly Ford	2A	1	1	1	1	1	1	1
SJR below Bifurcation	2B	1	1	1	1	1	1	
SJR near Mendota	3	1	1	1	1	1	1	1
SJR below Sack Dam	4A	1	1	1	1	1	1	
SJR at Hills Ferry	5	1	1	1	1	1	1	

Table 2

Analyses Required as Released Water Moves Progressively Downstream (Note variable sampling frequency).

Monitoring Site	Reach	TSS	Nutrients	TOC/DOC	Bacteria	Major Trace Elements	Pesticides	Bed Sediment
Millerton Lake	1A	W						
SJR just below Friant Dam	1A	W	W	W	W	W	W	1P
SJR near HWY 99	1A	W	W	W	W	W	W	1P
SJR at Gravelly Ford	2A	W	W	W	W	W	W	1P
SJR below Bifurcation	2B	W						
SJR near Mendota	3	W	W	W	W	W	W	1P
SJR below Sack Dam	4A	W						
SJR at Fremont Ford	5	W						
SJR at Crows Landing	5	W						

Sampling frequency:
Water: Twice weekly, October 1 – 14, 2009; weekly, October 15 – November 20, 2009
Sediment: Once following interim flows (December 2009)

Table 3. Real-time data to support Fall 2009 Interim Releases

Monitoring Site	Reach	CDEC	Flow	Temperature	pH	Dissolved Oxygen	Chlorophyll	Turbidity	EC
Millerton Lake	1A	MIL	C						
SJR just below Friant Dam	1A	P	C	C	C	C	P	C	C
SJR at HWY 41	1A	H41	C						
SJR near HWY 99	1A	DNB	C	P	P	P	P	P	P
SJR at Gravelly Ford	2A	GRF	C	C	C	C	P	C	C
SJR below Bifurcation	2B	SJB	C	C	C	C	P	C	C
SJR near Mendota	3	MEN	C						
SJR below Sack Dam	4A	P	P	P	P	P	P	P	P
SJR at Fremont Ford	5	FFB	C	C					C
SJR at Hills Ferry	5	P	C	C	P	P	P	P	C
SJR at Crows Landing	5	SCL	C	C					C

C=continuous monitoring using YSI 6600 multiparameter sondes
P=pending installation of sondes
Blank cells: Equipment will not be available for Fall 2009 Interim Flows

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SJRI-W-001 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
9/30/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Regular	
9/30/2009	ALDICARB	< 0.5	ug/l	0.5	Regular	
9/30/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Regular	
9/30/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Regular	
9/30/2009	BAYGON	< 0.5	ug/l	0.5	Regular	
9/30/2009	CARBARYL	< 0.5	ug/l	0.5	Regular	
9/30/2009	CARBOFURAN	< 0.5	ug/l	0.5	Regular	
9/30/2009	METHIOCARB	< 0.5	ug/l	0.5	Regular	
9/30/2009	METHOMYL	< 0.5	ug/l	0.5	Regular	
9/30/2009	OXAMYL	< 0.5	ug/l	0.5	Regular	

SJRI-W-023 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/16/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
10/16/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
10/16/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
10/16/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
10/16/2009	BAYGON	< 0.5	ug/l	0.5	Production	
10/16/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
10/16/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
10/16/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
10/16/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
10/16/2009	OXAMYL	< 0.5	ug/l	0.5	Production	

SJRI-W-030 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
10/19/2009	BAYGON	< 0.5	ug/l	0.5	Production	
10/19/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
10/19/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
10/19/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
10/19/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
10/19/2009	OXAMYL	< 0.5	ug/l	0.5	Production	

SJRI-W-049 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
11/10/2009	BAYGON	< 0.5	ug/l	0.5	Production	
11/10/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
11/10/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
11/10/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
11/10/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
11/10/2009	OXAMYL	< 0.5	ug/l	0.5	Production	

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SJRI-W-055 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
11/17/2009	BAYGON	< 0.5	ug/l	0.5	Production	
11/17/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
11/17/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
11/17/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
11/17/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
11/17/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-047 (Chowchilla Bypass (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
11/10/2009	BAYGON	< 0.5	ug/l	0.5	Production	
11/10/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
11/10/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
11/10/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
11/10/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
11/10/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-005 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
9/30/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
9/30/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
9/30/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
9/30/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
9/30/2009	BAYGON	< 0.5	ug/l	0.5	Production	
9/30/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
9/30/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
9/30/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
9/30/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
9/30/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-022 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/15/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Regular	
10/15/2009	ALDICARB	< 0.5	ug/l	0.5	Regular	
10/15/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Regular	
10/15/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Regular	
10/15/2009	BAYGON	< 0.5	ug/l	0.5	Regular	
10/15/2009	CARBARYL	< 0.5	ug/l	0.5	Regular	
10/15/2009	CARBOFURAN	< 0.5	ug/l	0.5	Regular	
10/15/2009	METHIOCARB	< 0.5	ug/l	0.5	Regular	
10/15/2009	METHOMYL	< 0.5	ug/l	0.5	Regular	
10/15/2009	OXAMYL	< 0.5	ug/l	0.5	Regular	

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SJRI-W-028 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
10/19/2009	BAYGON	< 0.5	ug/l	0.5	Production	
10/19/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
10/19/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
10/19/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
10/19/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
10/19/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-046 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Regular	
11/10/2009	ALDICARB	< 0.5	ug/l	0.5	Regular	
11/10/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Regular	
11/10/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Regular	
11/10/2009	BAYGON	< 0.5	ug/l	0.5	Regular	
11/10/2009	CARBARYL	< 0.5	ug/l	0.5	Regular	
11/10/2009	CARBOFURAN	< 0.5	ug/l	0.5	Regular	
11/10/2009	METHIOCARB	< 0.5	ug/l	0.5	Regular	
11/10/2009	METHOMYL	< 0.5	ug/l	0.5	Regular	
11/10/2009	OXAMYL	< 0.5	ug/l	0.5	Regular	
SJRI-W-054 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
11/17/2009	BAYGON	< 0.5	ug/l	0.5	Production	
11/17/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
11/17/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
11/17/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
11/17/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
11/17/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-025 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/16/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
10/16/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
10/16/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
10/16/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
10/16/2009	BAYGON	< 0.5	ug/l	0.5	Production	
10/16/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
10/16/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
10/16/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
10/16/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
10/16/2009	OXAMYL	< 0.5	ug/l	0.5	Production	

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SJRI-W-029 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
10/19/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
10/19/2009	BAYGON	< 0.5	ug/l	0.5	Production	
10/19/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
10/19/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
10/19/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
10/19/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
10/19/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-051 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
11/10/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
11/10/2009	BAYGON	< 0.5	ug/l	0.5	Production	
11/10/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
11/10/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
11/10/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
11/10/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
11/10/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-056 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
11/17/2009	BAYGON	< 0.5	ug/l	0.5	Production	
11/17/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
11/17/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
11/17/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
11/17/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
11/17/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-009 (SJ River at Mendota Dam (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/14/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Regular	
10/14/2009	ALDICARB	< 0.5	ug/l	0.5	Regular	
10/14/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Regular	
10/14/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Regular	
10/14/2009	BAYGON	< 0.5	ug/l	0.5	Regular	
10/14/2009	CARBARYL	< 0.5	ug/l	0.5	Regular	
10/14/2009	CARBOFURAN	< 0.5	ug/l	0.5	Regular	
10/14/2009	METHIOCARB	< 0.5	ug/l	0.5	Regular	
10/14/2009	METHOMYL	< 0.5	ug/l	0.5	Regular	
10/14/2009	OXAMYL	< 0.5	ug/l	0.5	Regular	

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SJRI-W-057 (SJ River at Mendota Dam (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
11/17/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
11/17/2009	BAYGON	< 0.5	ug/l	0.5	Production	
11/17/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
11/17/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
11/17/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
11/17/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
11/17/2009	OXAMYL	< 0.5	ug/l	0.5	Production	
SJRI-W-010 (SJ River at Sack Dam (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/14/2009	3-HYDROXYCARBOFURAN	< 0.5	ug/l	0.5	Production	
10/14/2009	ALDICARB	< 0.5	ug/l	0.5	Production	
10/14/2009	ALDICARB SULFONE	< 0.5	ug/l	0.5	Production	
10/14/2009	ALDICARB SULFOXIDE	< 0.5	ug/l	0.5	Production	
10/14/2009	BAYGON	< 0.5	ug/l	0.5	Production	
10/14/2009	CARBARYL	< 0.5	ug/l	0.5	Production	
10/14/2009	CARBOFURAN	< 0.5	ug/l	0.5	Production	
10/14/2009	METHIOCARB	< 0.5	ug/l	0.5	Production	
10/14/2009	METHOMYL	< 0.5	ug/l	0.5	Production	
10/14/2009	OXAMYL	< 0.5	ug/l	0.5	Production	

**Qualification: V = result may vary excessively from the true value, H = result may have a high bias, L = result may have a low bias, T = result obtained past the holding time, U = result determined to be an outlier at the time of data validation (see

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SJRI-W-001 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
9/30/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Regular	
9/30/2009	BOLSTAR	< 1.0	ug/l	1	Regular	
9/30/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Regular	
9/30/2009	COUMAPHOS	< 1.0	ug/l	1	Regular	
9/30/2009	DEMETON	< 3.0	ug/l	3	Regular	
9/30/2009	DEMETON-O	< 1.0	ug/l	1	Regular	
9/30/2009	DEMETON-S	< 2.0	ug/l	2	Regular	
9/30/2009	DIAZINON	< 0.50	ug/l	0.5	Regular	
9/30/2009	DICHLORVOS	< 0.50	ug/l	0.5	Regular	
9/30/2009	DIMETHOATE	< 1.5	ug/l	1.5	Regular	
9/30/2009	DISULFOTON	< 1.0	ug/l	1	Regular	
9/30/2009	EPN	< 1.2	ug/l	1.2	Regular	
9/30/2009	ETHOPROP	< 1.5	ug/l	1.5	Regular	
9/30/2009	FAMPHUR	< 1.0	ug/l	1	Regular	
9/30/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Regular	
9/30/2009	FENTHION	< 2.5	ug/l	2.5	Regular	
9/30/2009	MALATHION	< 2.0	ug/l	2	Regular	
9/30/2009	MERPHOS	< 5.0	ug/l	5	Regular	
9/30/2009	MEVINPHOS	< 6.2	ug/l	6.2	Regular	
9/30/2009	NALED	< 2.0	ug/l	2	Regular	
9/30/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Regular	
9/30/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Regular	
9/30/2009	PHORATE	< 1.2	ug/l	1.2	Regular	
9/30/2009	RONNEL	< 10	ug/l	10	Regular	
9/30/2009	SULFOTEPP	< 1.5	ug/l	1.5	Regular	
9/30/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Regular	
9/30/2009	THIONAZIN	< 1.0	ug/l	1	Regular	
9/30/2009	TOKUTHION	< 1.6	ug/l	1.6	Regular	
9/30/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Regular	
SJRI-W-011 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Regular	
10/7/2009	BOLSTAR	< 1.0	ug/l	1	Regular	
10/7/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Regular	
10/7/2009	COUMAPHOS	< 1.0	ug/l	1	Regular	
10/7/2009	DEMETON	< 3.0	ug/l	3	Regular	
10/7/2009	DEMETON-O	< 1.0	ug/l	1	Regular	
10/7/2009	DEMETON-S	< 2.0	ug/l	2	Regular	
10/7/2009	DIAZINON	< 0.50	ug/l	0.5	Regular	
10/7/2009	DICHLORVOS	< 0.50	ug/l	0.5	Regular	
10/7/2009	DIMETHOATE	< 1.5	ug/l	1.5	Regular	
10/7/2009	DISULFOTON	< 1.0	ug/l	1	Regular	
10/7/2009	EPN	< 1.2	ug/l	1.2	Regular	
10/7/2009	ETHOPROP	< 1.5	ug/l	1.5	Regular	
10/7/2009	FAMPHUR	< 1.0	ug/l	1	Regular	
10/7/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Regular	
10/7/2009	FENTHION	< 2.5	ug/l	2.5	Regular	
10/7/2009	MALATHION	< 2.0	ug/l	2	Regular	
10/7/2009	MERPHOS	< 5.0	ug/l	5	Regular	
10/7/2009	MEVINPHOS	< 6.2	ug/l	6.2	Regular	
10/7/2009	NALED	< 2.0	ug/l	2	Regular	
10/7/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Regular	
10/7/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Regular	
10/7/2009	PHORATE	< 1.2	ug/l	1.2	Regular	
10/7/2009	RONNEL	< 10	ug/l	10	Regular	
10/7/2009	SULFOTEPP	< 1.5	ug/l	1.5	Regular	
10/7/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Regular	
10/7/2009	THIONAZIN	< 1.0	ug/l	1	Regular	

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10/7/2009	TOKUTHION	< 1.6	ug/l	1.6	Regular	
10/7/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Regular	
SJRI-W-019 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/9/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/9/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
10/9/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/9/2009	DEMETON	< 3.0	ug/l	3	Production	
10/9/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/9/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/9/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/9/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/9/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/9/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/9/2009	EPN	< 1.2	ug/l	1.2	Production	
10/9/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/9/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/9/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/9/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/9/2009	MALATHION	< 2.0	ug/l	2	Production	
10/9/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/9/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/9/2009	NALED	< 2.0	ug/l	2	Production	
10/9/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/9/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/9/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/9/2009	RONNEL	< 10	ug/l	10	Production	
10/9/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/9/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/9/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/9/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/9/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-023 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/16/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/16/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/16/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
10/16/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/16/2009	DEMETON	< 3.0	ug/l	3	Production	
10/16/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/16/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/16/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/16/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/16/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/16/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/16/2009	EPN	< 1.2	ug/l	1.2	Production	
10/16/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/16/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/16/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/16/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/16/2009	MALATHION	< 2.0	ug/l	2.5	Production	
10/16/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/16/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/16/2009	NALED	< 2.0	ug/l	2	Production	
10/16/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/16/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/16/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/16/2009	RONNEL	< 10	ug/l	10	Production	

10/16/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/16/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/16/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/16/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/16/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-030 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/19/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/19/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/19/2009	DEMETON	< 3.0 L	ug/l	3	Production	
10/19/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/19/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/19/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/19/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/19/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/19/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/19/2009	EPN	< 1.2	ug/l	1.2	Production	
10/19/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/19/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/19/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/19/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/19/2009	MALATHION	< 2.0	ug/l	2	Production	
10/19/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/19/2009	METHYL PARATHION	< 4.0	ug/l	4	Production	
10/19/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/19/2009	NALED	< 2.0	ug/l	2	Production	
10/19/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/19/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/19/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/19/2009	RONNEL	< 10	ug/l	10	Production	
10/19/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/19/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/19/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/19/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/19/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-032 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/27/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Regular	
10/27/2009	BOLSTAR	< 1.0	ug/l	1	Regular	
10/27/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Regular	
10/27/2009	COUMAPHOS	< 1.0	ug/l	1	Regular	
10/27/2009	DEMETON	< 3.0	ug/l	3	Regular	
10/27/2009	DEMETON-O	< 1.0	ug/l	1	Regular	
10/27/2009	DEMETON-S	< 2.0	ug/l	2	Regular	
10/27/2009	DIAZINON	< 0.50	ug/l	0.5	Regular	
10/27/2009	DICHLORVOS	< 0.50	ug/l	0.5	Regular	
10/27/2009	DIMETHOATE	< 1.5	ug/l	1.5	Regular	
10/27/2009	DISULFOTON	< 1.0	ug/l	1	Regular	
10/27/2009	EPN	< 1.2	ug/l	1.2	Regular	
10/27/2009	ETHOPROP	< 1.5	ug/l	1.5	Regular	
10/27/2009	FAMPHUR	< 1.0	ug/l	1	Regular	
10/27/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Regular	
10/27/2009	FENTHION	< 2.5	ug/l	2.5	Regular	
10/27/2009	MALATHION	< 2.0	ug/l	2	Regular	
10/27/2009	MERPHOS	< 5.0	ug/l	5	Regular	
10/27/2009	MEVINPHOS	< 6.2	ug/l	6.2	Regular	
10/27/2009	NALED	< 2.0	ug/l	2	Regular	
10/27/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Regular	

10/27/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Regular	
10/27/2009	PHORATE	< 1.2	ug/l	1.2	Regular	
10/27/2009	RONNEL	< 10	ug/l	10	Regular	
10/27/2009	SULFOTEPP	< 1.5	ug/l	1.5	Regular	
10/27/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Regular	
10/27/2009	THIONAZIN	< 1.0	ug/l	1	Regular	
10/27/2009	TOKUTHION	< 1.6	ug/l	1.6	Regular	
10/27/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Regular	
SJRI-W-043 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/3/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/3/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/3/2009	DEMETON	< 3.0	ug/l	3	Production	
11/3/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/3/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/3/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/3/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/3/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/3/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/3/2009	EPN	< 1.2	ug/l	1.2	Production	
11/3/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/3/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/3/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/3/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/3/2009	MALATHION	< 2.0	ug/l	2	Production	
11/3/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/3/2009	METHYL PARATHION	< 4.0	ug/l	4	Production	
11/3/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/3/2009	NALED	< 2.0	ug/l	2	Production	
11/3/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/3/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/3/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/3/2009	RONNEL	< 10	ug/l	10	Production	
11/3/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
11/3/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/3/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/3/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/3/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-049 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/10/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/10/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
11/10/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/10/2009	DEMETON	< 3.0	ug/l	3	Production	
11/10/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/10/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/10/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/10/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/10/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/10/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/10/2009	EPN	< 1.2	ug/l	1.2	Production	
11/10/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/10/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/10/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/10/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/10/2009	MALATHION	< 2.0	ug/l	2	Production	
11/10/2009	MERPHOS	< 5.0	ug/l	5	Production	

11/10/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/10/2009	NALED	< 2.0	ug/l	2	Production	
11/10/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/10/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/10/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/10/2009	RONNEL	< 10	ug/l	10	Production	
11/10/2009	SULFOTEPP	1.5	ug/l	1.5	Production	
11/10/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/10/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/10/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/10/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-055 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/17/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/17/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
11/17/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/17/2009	DEMETON	< 3.0	ug/l	3	Production	
11/17/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/17/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/17/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/17/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/17/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/17/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/17/2009	EPN	< 1.2	ug/l	1.2	Production	
11/17/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/17/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/17/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/17/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/17/2009	MALATHION	< 2.0	ug/l	2	Production	
11/17/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/17/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/17/2009	NALED	< 2.0	ug/l	2	Production	
11/17/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/17/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/17/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/17/2009	RONNEL	< 10	ug/l	10	Production	
11/17/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
11/17/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/17/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/17/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/17/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-047 (Chowchilla Bypass (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/10/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/10/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
11/10/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/10/2009	DEMETON	< 3.0	ug/l	3	Production	
11/10/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/10/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/10/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/10/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/10/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/10/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/10/2009	EPN	< 1.2	ug/l	1.2	Production	
11/10/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/10/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/10/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	

11/10/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/10/2009	MALATHION	< 2.0	ug/l	2	Production	
11/10/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/10/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/10/2009	NALED	< 2.0	ug/l	2	Production	
11/10/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/10/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/10/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/10/2009	RONNEL	< 10	ug/l	10	Production	
11/10/2009	SULFOTEPP	1.5	ug/l	1.5	Production	
11/10/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/10/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/10/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/10/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-002 (Millerton Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
9/30/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
9/30/2009	BOLSTAR	< 1.0	ug/l	1	Production	
9/30/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
9/30/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
9/30/2009	DEMETON	< 3.0	ug/l	3	Production	
9/30/2009	DEMETON-O	< 1.0	ug/l	1	Production	
9/30/2009	DEMETON-S	< 2.0	ug/l	2	Production	
9/30/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
9/30/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
9/30/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
9/30/2009	DISULFOTON	< 1.0	ug/l	1	Production	
9/30/2009	EPN	< 1.2	ug/l	1.2	Production	
9/30/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
9/30/2009	FAMPHUR	< 1.0	ug/l	1	Production	
9/30/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
9/30/2009	FENTHION	< 2.5	ug/l	2.5	Production	
9/30/2009	MALATHION	< 2.0	ug/l	2	Production	
9/30/2009	MERPHOS	< 5.0	ug/l	5	Production	
9/30/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
9/30/2009	NALED	< 2.0	ug/l	2	Production	
9/30/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
9/30/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
9/30/2009	PHORATE	< 1.2	ug/l	1.2	Production	
9/30/2009	RONNEL	< 10	ug/l	10	Production	
9/30/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
9/30/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
9/30/2009	THIONAZIN	< 1.0	ug/l	1	Production	
9/30/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
9/30/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-004 (SJ River at Hwy 41 (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
9/30/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
9/30/2009	BOLSTAR	< 1.0	ug/l	1	Production	
9/30/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
9/30/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
9/30/2009	DEMETON	< 3.0	ug/l	3	Production	
9/30/2009	DEMETON-O	< 1.0	ug/l	1	Production	
9/30/2009	DEMETON-S	< 2.0	ug/l	2	Production	
9/30/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
9/30/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
9/30/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
9/30/2009	DISULFOTON	< 1.0	ug/l	1	Production	
9/30/2009	EPN	< 1.2	ug/l	1.2	Production	

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9/30/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
9/30/2009	FAMPHUR	< 1.0	ug/l	1	Production	
9/30/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
9/30/2009	FENTHION	< 2.5	ug/l	2.5	Production	
9/30/2009	MALATHION	< 2.0	ug/l	2	Production	
9/30/2009	MERPHOS	< 5.0	ug/l	5	Production	
9/30/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
9/30/2009	NALED	< 2.0	ug/l	2	Production	
9/30/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
9/30/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
9/30/2009	PHORATE	< 1.2	ug/l	1.2	Production	
9/30/2009	RONNEL	< 10	ug/l	10	Production	
9/30/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
9/30/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
9/30/2009	THIONAZIN	< 1.0	ug/l	1	Production	
9/30/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
9/30/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-005 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
9/30/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
9/30/2009	BOLSTAR	< 1.0	ug/l	1	Production	
9/30/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
9/30/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
9/30/2009	DEMETON	< 3.0	ug/l	3	Production	
9/30/2009	DEMETON-O	< 1.0	ug/l	1	Production	
9/30/2009	DEMETON-S	< 2.0	ug/l	2	Production	
9/30/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
9/30/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
9/30/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
9/30/2009	DISULFOTON	< 1.0	ug/l	1	Production	
9/30/2009	EPN	< 1.2	ug/l	1.2	Production	
9/30/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
9/30/2009	FAMPHUR	< 1.0	ug/l	1	Production	
9/30/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
9/30/2009	FENTHION	< 2.5	ug/l	2.5	Production	
9/30/2009	MALATHION	< 2.0	ug/l	2	Production	
9/30/2009	MERPHOS	< 5.0	ug/l	5	Production	
9/30/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
9/30/2009	NALED	< 2.0	ug/l	2	Production	
9/30/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
9/30/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
9/30/2009	PHORATE	< 1.2	ug/l	1.2	Production	
9/30/2009	RONNEL	< 10	ug/l	10	Production	
9/30/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
9/30/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
9/30/2009	THIONAZIN	< 1.0	ug/l	1	Production	
9/30/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
9/30/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-014 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/7/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/7/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
10/7/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/7/2009	DEMETON	< 3.0	ug/l	3	Production	
10/7/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/7/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/7/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/7/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	

10/7/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/7/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/7/2009	EPN	< 1.2	ug/l	1.2	Production	
10/7/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/7/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/7/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/7/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/7/2009	MALATHION	< 2.0	ug/l	2	Production	
10/7/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/7/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/7/2009	NALED	< 2.0	ug/l	2	Production	
10/7/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/7/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/7/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/7/2009	RONNEL	< 10	ug/l	10	Production	
10/7/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/7/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/7/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/7/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/7/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-018 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/9/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/9/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
10/9/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/9/2009	DEMETON	< 3.0	ug/l	3	Production	
10/9/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/9/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/9/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/9/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/9/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/9/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/9/2009	EPN	< 1.2	ug/l	1.2	Production	
10/9/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/9/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/9/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/9/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/9/2009	MALATHION	< 2.0	ug/l	2	Production	
10/9/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/9/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/9/2009	NALED	< 2.0	ug/l	2	Production	
10/9/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/9/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/9/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/9/2009	RONNEL	< 10	ug/l	10	Production	
10/9/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/9/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/9/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/9/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/9/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-022 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/15/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Regular	
10/15/2009	BOLSTAR	< 1.0	ug/l	1	Regular	
10/15/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Regular	
10/15/2009	COUMAPHOS	< 1.0	ug/l	1	Regular	
10/15/2009	DEMETON	< 3.0	ug/l	3	Regular	
10/15/2009	DEMETON-O	< 1.0	ug/l	1	Regular	

10/15/2009	DEMETON-S	< 2.0	ug/l	2	Regular	
10/15/2009	DIAZINON	< 0.50	ug/l	0.5	Regular	
10/15/2009	DICHLORVOS	< 0.50	ug/l	0.5	Regular	
10/15/2009	DIMETHOATE	< 1.5	ug/l	1.5	Regular	
10/15/2009	DISULFOTON	< 1.0	ug/l	1	Regular	
10/15/2009	EPN	< 1.2	ug/l	1.2	Regular	
10/15/2009	ETHOPROP	< 1.5	ug/l	1.5	Regular	
10/15/2009	FAMPHUR	< 1.0	ug/l	1	Regular	
10/15/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Regular	
10/15/2009	FENTHION	< 2.5	ug/l	2.5	Regular	
10/15/2009	MALATHION	< 2.0	ug/l	2	Regular	
10/15/2009	MERPHOS	< 5.0	ug/l	5	Regular	
10/15/2009	MEVINPHOS	< 6.2	ug/l	6.2	Regular	
10/15/2009	NALED	< 2.0	ug/l	2	Regular	
10/15/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Regular	
10/15/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Regular	
10/15/2009	PHORATE	< 1.2	ug/l	1.2	Regular	
10/15/2009	RONNEL	< 10	ug/l	10	Regular	
10/15/2009	SULFOTEPP	< 1.5	ug/l	1.5	Regular	
10/15/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Regular	
10/15/2009	THIONAZIN	< 1.0	ug/l	1	Regular	
10/15/2009	TOKUTHION	< 1.6	ug/l	1.6	Regular	
10/15/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Regular	

SJRI-W-028 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))

Date	Analyte	Result Value	Result Units	Report Limit	QA Type	Remarks
10/19/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/19/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/19/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/19/2009	DEMETON	< 3.0 L	ug/l	3	Production	
10/19/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/19/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/19/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/19/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/19/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/19/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/19/2009	EPN	< 1.2	ug/l	1.2	Production	
10/19/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/19/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/19/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/19/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/19/2009	MALATHION	< 2.0	ug/l	2	Production	
10/19/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/19/2009	METHYL PARATHION	< 4.0	ug/l	4	Production	
10/19/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/19/2009	NALED	< 2.0	ug/l	2	Production	
10/19/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/19/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/19/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/19/2009	RONNEL	< 10	ug/l	10	Production	
10/19/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/19/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/19/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/19/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/19/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	

SJRI-W-033 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))

Date	Analyte	Result Value	Result Units	Report Limit	QA Type	Remarks
10/27/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/27/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/27/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	

10/27/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/27/2009	DEMETON	< 3.0	ug/l	3	Production	
10/27/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/27/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/27/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/27/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/27/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/27/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/27/2009	EPN	< 1.2	ug/l	1.2	Production	
10/27/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/27/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/27/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/27/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/27/2009	MALATHION	< 2.0	ug/l	2	Production	
10/27/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/27/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/27/2009	NALED	< 2.0	ug/l	2	Production	
10/27/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/27/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/27/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/27/2009	RONNEL	< 10	ug/l	10	Production	
10/27/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/27/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/27/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/27/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/27/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-042 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/3/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/3/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/3/2009	DEMETON	< 3.0	ug/l	3	Production	
11/3/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/3/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/3/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/3/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/3/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/3/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/3/2009	EPN	< 1.2	ug/l	1.2	Production	
11/3/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/3/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/3/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/3/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/3/2009	MALATHION	< 2.0	ug/l	2	Production	
11/3/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/3/2009	METHYL PARATHION	< 4.0	ug/l	4	Production	
11/3/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/3/2009	NALED	< 2.0	ug/l	2	Production	
11/3/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/3/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/3/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/3/2009	RONNEL	< 10	ug/l	10	Production	
11/3/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
11/3/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/3/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/3/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/3/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-046 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**

11/10/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Regular	
11/10/2009	BOLSTAR	< 1.0	ug/l	1	Regular	
11/10/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Regular	
11/10/2009	COUMAPHOS	< 1.0	ug/l	1	Regular	
11/10/2009	DEMETON	< 3.0	ug/l	3	Regular	
11/10/2009	DEMETON-O	< 1.0	ug/l	1	Regular	
11/10/2009	DEMETON-S	< 2.0	ug/l	2	Regular	
11/10/2009	DIAZINON	< 0.50	ug/l	0.5	Regular	
11/10/2009	DICHLORVOS	< 0.50	ug/l	0.5	Regular	
11/10/2009	DIMETHOATE	< 1.5	ug/l	1.5	Regular	
11/10/2009	DISULFOTON	< 1.0	ug/l	1	Regular	
11/10/2009	EPN	< 1.2	ug/l	1.2	Regular	
11/10/2009	ETHOPROP	< 1.5	ug/l	1.5	Regular	
11/10/2009	FAMPHUR	< 1.0	ug/l	1	Regular	
11/10/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Regular	
11/10/2009	FENTHION	< 2.5	ug/l	2.5	Regular	
11/10/2009	MALATHION	< 2.0	ug/l	2	Regular	
11/10/2009	MERPHOS	< 5.0	ug/l	5	Regular	
11/10/2009	MEVINPHOS	< 6.2	ug/l	6.2	Regular	
11/10/2009	NALED	< 2.0	ug/l	2	Regular	
11/10/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Regular	
11/10/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Regular	
11/10/2009	PHORATE	< 1.2	ug/l	1.2	Regular	
11/10/2009	RONNEL	< 10	ug/l	10	Regular	
11/10/2009	SULFOTEPP	1.5	ug/l	1.5	Regular	
11/10/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Regular	
11/10/2009	THIONAZIN	< 1.0	ug/l	1	Regular	
11/10/2009	TOKUTHION	< 1.6	ug/l	1.6	Regular	
11/10/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Regular	
SJRI-W-054 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/17/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/17/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
11/17/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/17/2009	DEMETON	< 3.0	ug/l	3	Production	
11/17/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/17/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/17/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/17/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/17/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/17/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/17/2009	EPN	< 1.2	ug/l	1.2	Production	
11/17/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/17/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/17/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/17/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/17/2009	MALATHION	< 2.0	ug/l	2	Production	
11/17/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/17/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/17/2009	NALED	< 2.0	ug/l	2	Production	
11/17/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/17/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/17/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/17/2009	RONNEL	< 10	ug/l	10	Production	
11/17/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
11/17/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/17/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/17/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/17/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	

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SJRI-W-016 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/7/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/7/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
10/7/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/7/2009	DEMETON	< 3.0	ug/l	3	Production	
10/7/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/7/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/7/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/7/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/7/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/7/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/7/2009	EPN	< 1.2	ug/l	1.2	Production	
10/7/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/7/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/7/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/7/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/7/2009	MALATHION	< 2.0	ug/l	2	Production	
10/7/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/7/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/7/2009	NALED	< 2.0	ug/l	2	Production	
10/7/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/7/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/7/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/7/2009	RONNEL	< 10	ug/l	10	Production	
10/7/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/7/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/7/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/7/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/7/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	

SJRI-W-020 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/9/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/9/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
10/9/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/9/2009	DEMETON	< 3.0	ug/l	3	Production	
10/9/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/9/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/9/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/9/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/9/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/9/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/9/2009	EPN	< 1.2	ug/l	1.2	Production	
10/9/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/9/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/9/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/9/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/9/2009	MALATHION	< 2.0	ug/l	2	Production	
10/9/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/9/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/9/2009	NALED	< 2.0	ug/l	2	Production	
10/9/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/9/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/9/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/9/2009	RONNEL	< 10	ug/l	10	Production	
10/9/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/9/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	

10/9/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/9/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/9/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-025 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/16/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/16/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/16/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
10/16/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/16/2009	DEMETON	< 3.0	ug/l	3	Production	
10/16/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/16/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/16/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/16/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/16/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/16/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/16/2009	EPN	< 1.2	ug/l	1.2	Production	
10/16/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/16/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/16/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/16/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/16/2009	MALATHION	< 2.0	ug/l	2	Production	
10/16/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/16/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/16/2009	NALED	< 2.0	ug/l	2	Production	
10/16/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/16/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/16/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/16/2009	RONNEL	< 10	ug/l	10	Production	
10/16/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/16/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/16/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/16/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/16/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-029 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/19/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/19/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/19/2009	DEMETON	< 3.0 L	ug/l	3	Production	
10/19/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/19/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/19/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/19/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/19/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/19/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/19/2009	EPN	< 1.2	ug/l	1.2	Production	
10/19/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/19/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/19/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/19/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/19/2009	MALATHION	< 2.0	ug/l	2	Production	
10/19/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/19/2009	METHYL PARATHION	< 4.0	ug/l	4	Production	
10/19/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/19/2009	NALED	< 2.0	ug/l	2	Production	
10/19/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/19/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/19/2009	PHORATE	< 1.2	ug/l	1.2	Production	

10/19/2009	RONNEL	< 10	ug/l	10	Production	
10/19/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/19/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/19/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/19/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/19/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-035 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/27/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
10/27/2009	BOLSTAR	< 1.0	ug/l	1	Production	
10/27/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
10/27/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
10/27/2009	DEMETON	< 3.0	ug/l	3	Production	
10/27/2009	DEMETON-O	< 1.0	ug/l	1	Production	
10/27/2009	DEMETON-S	< 2.0	ug/l	2	Production	
10/27/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
10/27/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
10/27/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
10/27/2009	DISULFOTON	< 1.0	ug/l	1	Production	
10/27/2009	EPN	< 1.2	ug/l	1.2	Production	
10/27/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
10/27/2009	FAMPHUR	< 1.0	ug/l	1	Production	
10/27/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
10/27/2009	FENTHION	< 2.5	ug/l	2.5	Production	
10/27/2009	MALATHION	< 2.0	ug/l	2	Production	
10/27/2009	MERPHOS	< 5.0	ug/l	5	Production	
10/27/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
10/27/2009	NALED	< 2.0	ug/l	2	Production	
10/27/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
10/27/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
10/27/2009	PHORATE	< 1.2	ug/l	1.2	Production	
10/27/2009	RONNEL	< 10	ug/l	10	Production	
10/27/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
10/27/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
10/27/2009	THIONAZIN	< 1.0	ug/l	1	Production	
10/27/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
10/27/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-044 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/3/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/3/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/3/2009	DEMETON	< 3.0	ug/l	3	Production	
11/3/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/3/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/3/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/3/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/3/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/3/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/3/2009	EPN	< 1.2	ug/l	1.2	Production	
11/3/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/3/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/3/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/3/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/3/2009	MALATHION	< 2.0	ug/l	2	Production	
11/3/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/3/2009	METHYL PARATHION	< 4.0	ug/l	4	Production	
11/3/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/3/2009	NALED	< 2.0	ug/l	2	Production	

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11/3/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/3/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/3/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/3/2009	RONNEL	< 10	ug/l	10	Production	
11/3/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
11/3/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/3/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/3/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/3/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-051 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/10/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/10/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
11/10/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/10/2009	DEMETON	< 3.0	ug/l	3	Production	
11/10/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/10/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/10/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/10/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/10/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/10/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/10/2009	EPN	< 1.2	ug/l	1.2	Production	
11/10/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/10/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/10/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/10/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/10/2009	MALATHION	< 2.0	ug/l	2	Production	
11/10/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/10/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/10/2009	NALED	< 2.0	ug/l	2	Production	
11/10/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/10/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/10/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/10/2009	RONNEL	< 10	ug/l	10	Production	
11/10/2009	SULFOTEPP	1.5	ug/l	1.5	Production	
11/10/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/10/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/10/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/10/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-056 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/17/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/17/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
11/17/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/17/2009	DEMETON	< 3.0	ug/l	3	Production	
11/17/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/17/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/17/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/17/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/17/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/17/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/17/2009	EPN	< 1.2	ug/l	1.2	Production	
11/17/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/17/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/17/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/17/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/17/2009	MALATHION	< 2.0	ug/l	2	Production	

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11/17/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/17/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/17/2009	NALED	< 2.0	ug/l	2	Production	
11/17/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/17/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/17/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/17/2009	RONNEL	< 10	ug/l	10	Production	
11/17/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
11/17/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/17/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/17/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/17/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
SJRI-W-057 (SJ River at Mendota Dam (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	AZINPHOSMETHYL	< 2.5	ug/l	2.5	Production	
11/17/2009	BOLSTAR	< 1.0	ug/l	1	Production	
11/17/2009	CHLOROPYRIFOS	< 1.5	ug/l	1.5	Production	
11/17/2009	COUMAPHOS	< 1.0	ug/l	1	Production	
11/17/2009	DEMETON	< 3.0	ug/l	3	Production	
11/17/2009	DEMETON-O	< 1.0	ug/l	1	Production	
11/17/2009	DEMETON-S	< 2.0	ug/l	2	Production	
11/17/2009	DIAZINON	< 0.50	ug/l	0.5	Production	
11/17/2009	DICHLORVOS	< 0.50	ug/l	0.5	Production	
11/17/2009	DIMETHOATE	< 1.5	ug/l	1.5	Production	
11/17/2009	DISULFOTON	< 1.0	ug/l	1	Production	
11/17/2009	EPN	< 1.2	ug/l	1.2	Production	
11/17/2009	ETHOPROP	< 1.5	ug/l	1.5	Production	
11/17/2009	FAMPHUR	< 1.0	ug/l	1	Production	
11/17/2009	FENSULFOTHION	< 2.5	ug/l	2.5	Production	
11/17/2009	FENTHION	< 2.5	ug/l	2.5	Production	
11/17/2009	MALATHION	< 2.0	ug/l	2	Production	
11/17/2009	MERPHOS	< 5.0	ug/l	5	Production	
11/17/2009	MEVINPHOS	< 6.2	ug/l	6.2	Production	
11/17/2009	NALED	< 2.0	ug/l	2	Production	
11/17/2009	O,O,O-TRIETHYLPHOSPHOROTHIOATE	< 0.50	ug/l	0.5	Production	
11/17/2009	PARATHION, ETHYL	< 1.0	ug/l	1	Production	
11/17/2009	PHORATE	< 1.2	ug/l	1.2	Production	
11/17/2009	RONNEL	< 10	ug/l	10	Production	
11/17/2009	SULFOTEPP	< 1.5	ug/l	1.5	Production	
11/17/2009	TETRACHLORVINPHOS	< 3.5	ug/l	3.5	Production	
11/17/2009	THIONAZIN	< 1.0	ug/l	1	Production	
11/17/2009	TOKUTHION	< 1.6	ug/l	1.6	Production	
11/17/2009	TRICHLORONATE	< 1.5	ug/l	1.5	Production	
**Qualification: V = result may vary excessively from the true value, H = result may have a high bias, L = result may have a low bias, T = result obtained past the holding time, U = result determined to be an outlier at the time of data validation (see QA						

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SJRI-W-011 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	BIFENTHRIN	< 0.50 T	ug/l	0.5	Regular	
10/7/2009	CYFLUTHRIN	< 0.50 T	ug/l	0.5	Regular	
10/7/2009	DELTAMETHRIN	< 0.50 T	ug/l	0.5	Regular	
10/7/2009	ESFENVALERATE	< 0.50 T	ug/l	0.5	Regular	
10/7/2009	IAMBDA-CYHALOTHRIN	< 0.50 T	ug/l	0.5	Regular	
10/7/2009	PERMETHRIN (TOTAL)	< 0.50 T	ug/l	0.5	Regular	
SJRI-W-019 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	BIFENTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	CYFLUTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	DELTAMETHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	ESFENVALERATE	< 0.50 T	ug/l	0.5	Production	
10/9/2009	IAMBDA-CYHALOTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	PERMETHRIN (TOTAL)	< 0.50 T	ug/l	0.5	Production	
SJRI-W-023 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/16/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
10/16/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
10/16/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
10/16/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
10/16/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
10/16/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-030 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
10/19/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-032 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/27/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Regular	
10/27/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Regular	
10/27/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Regular	
10/27/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Regular	
10/27/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Regular	
SJRI-W-043 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	

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11/3/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-049 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/10/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-055 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/17/2009	CYFLUTHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	DELTAMETHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/17/2009	IAMBDA-CYHALOTHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-047 (Chowchilla Bypass (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/10/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-014 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	BIFENTHRIN	< 0.50 T	ug/l	0.5	Production	
10/7/2009	CYFLUTHRIN	< 0.50 T	ug/l	0.5	Production	
10/7/2009	DELTAMETHRIN	< 0.50 T	ug/l	0.5	Production	
10/7/2009	ESFENVALERATE	< 0.50 T	ug/l	0.5	Production	
10/7/2009	IAMBDA-CYHALOTHRIN	< 0.50 T	ug/l	0.5	Production	
10/7/2009	PERMETHRIN (TOTAL)	< 0.50 T	ug/l	0.5	Production	
SJRI-W-018 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	BIFENTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	CYFLUTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	DELTAMETHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	ESFENVALERATE	< 0.50 T	ug/l	0.5	Production	
10/9/2009	IAMBDA-CYHALOTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	PERMETHRIN (TOTAL)	< 0.50 T	ug/l	0.5	Production	
SJRI-W-022 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**

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10/15/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Regular	
10/15/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Regular	
10/15/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Regular	
10/15/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Regular	
10/15/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Regular	
10/15/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Regular	
SJRI-W-028 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
10/19/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-033 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/27/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
10/27/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
10/27/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
10/27/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
10/27/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-042 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/3/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-046 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Regular	
11/10/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Regular	
11/10/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Regular	
11/10/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Regular	
11/10/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Regular	
11/10/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Regular	
SJRI-W-054 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/17/2009	CYFLUTHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	DELTAMETHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/17/2009	IAMBDA-CYHALOTHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	

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SJRI-W-016 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	BIFENTHRIN	< 0.50 T	ug/l	0.5	Production	
10/7/2009	CYFLUTHRIN	< 0.50 T	ug/l	0.5	Production	
10/7/2009	DELTAMETHRIN	< 0.50 T	ug/l	0.5	Production	
10/7/2009	ESFENVALERATE	< 0.50 T	ug/l	0.5	Production	
10/7/2009	IAMBDA-CYHALOTHRIN	< 0.50 T	ug/l	0.5	Production	
10/7/2009	PERMETHRIN (TOTAL)	< 0.50 T	ug/l	0.5	Production	
SJRI-W-020 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	BIFENTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	CYFLUTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	DELTAMETHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	ESFENVALERATE	< 0.50 T	ug/l	0.5	Production	
10/9/2009	IAMBDA-CYHALOTHRIN	< 0.50 T	ug/l	0.5	Production	
10/9/2009	PERMETHRIN (TOTAL)	< 0.50 T	ug/l	0.5	Production	
SJRI-W-025 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/16/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
10/16/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
10/16/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
10/16/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
10/16/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
10/16/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-029 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
10/19/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
10/19/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-035 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/27/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
10/27/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
10/27/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
10/27/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
10/27/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-044 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	

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11/3/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/3/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
11/3/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-051 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	CYFLUTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	DELTAMETHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/10/2009	IAMBDA-CYHALOTHRIN	< 0.50	ug/l	0.5	Production	
11/10/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-056 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/17/2009	CYFLUTHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	DELTAMETHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/17/2009	IAMBDA-CYHALOTHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	
SJRI-W-057 (SJ River at Mendota Dam (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	BIFENTHRIN	< 0.50	ug/l	0.5	Production	
11/17/2009	CYFLUTHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	DELTAMETHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	ESFENVALERATE	< 0.50	ug/l	0.5	Production	
11/17/2009	IAMBDA-CYHALOTHRIN	< 0.50 L	ug/l	0.5	Production	
11/17/2009	PERMETHRIN (TOTAL)	< 0.50	ug/l	0.5	Production	

**Qualification: V = result may vary excessively from the true value, H = result may have a high bias, L = result may have a low bias, T = result obtained past the holding time, U = result determined to be an outlier at the time of data validation (see QA summary)

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SJRI-W-011 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	2,4'-DDD	< 0.020	ug/l	0.02	Regular	
10/7/2009	2,4'-DDE	< 0.010	ug/l	0.01	Regular	
10/7/2009	2,4'-DDT	< 0.010	ug/l	0.01	Regular	
10/7/2009	4,4'-DDD	< 0.020	ug/l	0.02	Regular	
10/7/2009	4,4'-DDE	< 0.010	ug/l	0.01	Regular	
10/7/2009	4,4'-DDT	< 0.010	ug/l	0.01	Regular	
10/7/2009	ALDRIN	< 0.005	ug/l	0.005	Regular	
10/7/2009	CHLORDANE	< 0.050	ug/l	0.05	Regular	
10/7/2009	DELTA-BHC	< 0.005	ug/l	0.005	Regular	
10/7/2009	DIELDRIN	< 0.010	ug/l	0.01	Regular	
10/7/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Regular	
10/7/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Regular	
10/7/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Regular	
10/7/2009	ENDRIN	< 0.010	ug/l	0.01	Regular	
10/7/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Regular	
10/7/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Regular	
10/7/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Regular	
10/7/2009	HCH-BETA	< 0.005	ug/l	0.005	Regular	
10/7/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Regular	
10/7/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Regular	
10/7/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Regular	
10/7/2009	TOXAPHENE	< 0.50	ug/l	0.5	Regular	
SJRI-W-019 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/9/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/9/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/9/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/9/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/9/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/9/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/9/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/9/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/9/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/9/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/9/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/9/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/9/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/9/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/9/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/9/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/9/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-023 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/16/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/16/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/16/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	

10/16/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/16/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/16/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/16/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/16/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/16/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/16/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/16/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/16/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/16/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/16/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/16/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/16/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/16/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/16/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/16/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/16/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/16/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/16/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-030 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/19/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/19/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/19/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/19/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/19/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/19/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/19/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/19/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/19/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/19/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/19/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/19/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/19/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/19/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/19/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/19/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/19/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-032 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/27/2009	2,4'-DDD	< 0.020	ug/l	0.02	Regular	
10/27/2009	2,4'-DDE	< 0.010	ug/l	0.01	Regular	
10/27/2009	2,4'-DDT	< 0.010	ug/l	0.01	Regular	
10/27/2009	4,4'-DDD	< 0.020	ug/l	0.02	Regular	
10/27/2009	4,4'-DDE	< 0.010	ug/l	0.01	Regular	
10/27/2009	4,4'-DDT	< 0.010	ug/l	0.01	Regular	
10/27/2009	ALDRIN	< 0.005	ug/l	0.005	Regular	
10/27/2009	CHLORDANE	< 0.050	ug/l	0.05	Regular	

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10/27/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Regular	
10/27/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Regular	
10/27/2009	DELTA-BHC	< 0.005	ug/l	0.005	Regular	
10/27/2009	DIELDRIN	< 0.010	ug/l	0.01	Regular	
10/27/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Regular	
10/27/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Regular	
10/27/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Regular	
10/27/2009	ENDRIN	< 0.010	ug/l	0.01	Regular	
10/27/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Regular	
10/27/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Regular	
10/27/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Regular	
10/27/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Regular	
10/27/2009	HCH-BETA	< 0.005	ug/l	0.005	Regular	
10/27/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Regular	
10/27/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Regular	
10/27/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Regular	
10/27/2009	TOXAPHENE	< 0.50	ug/l	0.5	Regular	
SJRI-W-043 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/3/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/3/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/3/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/3/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/3/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/3/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/3/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/3/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/3/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/3/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/3/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/3/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/3/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/3/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/3/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/3/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/3/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/3/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/3/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-049 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/10/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/10/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/10/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/10/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/10/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/10/2009	ALDRIN	< 0.005	ug/l	0.005	Production	

11/10/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/10/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/10/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/10/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/10/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/10/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/10/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/10/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/10/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/10/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/10/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/10/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/10/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-055 (Lost Lake (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/17/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/17/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/17/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/17/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/17/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/17/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/17/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/17/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/17/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/17/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/17/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/17/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/17/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/17/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/17/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/17/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/17/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/17/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/17/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-047 (Chowchilla Bypass (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/10/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/10/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/10/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/10/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/10/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	

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11/10/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/10/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/10/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/10/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/10/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/10/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/10/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/10/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/10/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/10/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/10/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/10/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/10/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/10/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-014 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/7/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/7/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/7/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/7/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/7/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/7/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/7/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/7/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/7/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/7/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/7/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/7/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/7/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/7/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/7/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/7/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/7/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/7/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/7/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/7/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/7/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-018 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/9/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/9/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/9/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/9/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/9/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/9/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/9/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	

10/9/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/9/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/9/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/9/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/9/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/9/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/9/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/9/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/9/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/9/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-022 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/15/2009	2,4'-DDD	< 0.020	ug/l	0.02	Regular	
10/15/2009	2,4'-DDE	< 0.010	ug/l	0.01	Regular	
10/15/2009	2,4'-DDT	< 0.010	ug/l	0.01	Regular	
10/15/2009	4,4'-DDD	< 0.020	ug/l	0.02	Regular	
10/15/2009	4,4'-DDE	< 0.010	ug/l	0.01	Regular	
10/15/2009	4,4'-DDT	< 0.010	ug/l	0.01	Regular	
10/15/2009	ALDRIN	< 0.005	ug/l	0.005	Regular	
10/15/2009	CHLORDANE	< 0.050	ug/l	0.05	Regular	
10/15/2009	DELTA-BHC	< 0.005	ug/l	0.005	Regular	
10/15/2009	DIELDRIN	< 0.010	ug/l	0.01	Regular	
10/15/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Regular	
10/15/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Regular	
10/15/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Regular	
10/15/2009	ENDRIN	< 0.010	ug/l	0.01	Regular	
10/15/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Regular	
10/15/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Regular	
10/15/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Regular	
10/15/2009	HCH-BETA	< 0.005	ug/l	0.005	Regular	
10/15/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Regular	
10/15/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Regular	
10/15/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Regular	
10/15/2009	TOXAPHENE	< 0.50	ug/l	0.5	Regular	
SJRI-W-028 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/19/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/19/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/19/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/19/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/19/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/19/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/19/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/19/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/19/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	

10/19/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/19/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/19/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/19/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/19/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/19/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/19/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/19/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-033 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/27/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/27/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/27/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/27/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/27/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/27/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/27/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/27/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/27/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
10/27/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
10/27/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/27/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/27/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
10/27/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/27/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/27/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/27/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/27/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/27/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/27/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-042 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/3/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/3/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/3/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/3/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/3/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/3/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/3/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/3/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/3/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/3/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/3/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	

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11/3/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/3/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/3/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/3/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/3/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/3/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/3/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/3/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-046 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	2,4'-DDD	< 0.020	ug/l	0.02	Regular	
11/10/2009	2,4'-DDE	< 0.010	ug/l	0.01	Regular	
11/10/2009	2,4'-DDT	< 0.010	ug/l	0.01	Regular	
11/10/2009	4,4'-DDD	< 0.020	ug/l	0.02	Regular	
11/10/2009	4,4'-DDE	< 0.010	ug/l	0.01	Regular	
11/10/2009	4,4'-DDT	< 0.010	ug/l	0.01	Regular	
11/10/2009	ALDRIN	< 0.005	ug/l	0.005	Regular	
11/10/2009	CHLORDANE	< 0.050	ug/l	0.05	Regular	
11/10/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Regular	
11/10/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Regular	
11/10/2009	DELTA-BHC	< 0.005	ug/l	0.005	Regular	
11/10/2009	DIELDRIN	< 0.010	ug/l	0.01	Regular	
11/10/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Regular	
11/10/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Regular	
11/10/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Regular	
11/10/2009	ENDRIN	< 0.010	ug/l	0.01	Regular	
11/10/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Regular	
11/10/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Regular	
11/10/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Regular	
11/10/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Regular	
11/10/2009	HCH-BETA	< 0.005	ug/l	0.005	Regular	
11/10/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Regular	
11/10/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Regular	
11/10/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Regular	
11/10/2009	TOXAPHENE	< 0.50	ug/l	0.5	Regular	
SJRI-W-054 (SJ River at Hwy 99 Camp Pashayan (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/17/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/17/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/17/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/17/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/17/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/17/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/17/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/17/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/17/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/17/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/17/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	

11/17/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/17/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/17/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/17/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/17/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/17/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/17/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/17/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/17/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-016 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/7/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/7/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/7/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/7/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/7/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/7/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/7/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/7/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/7/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/7/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/7/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/7/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/7/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/7/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/7/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/7/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/7/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/7/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/7/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/7/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/7/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/7/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-020 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/9/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/9/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/9/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/9/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/9/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/9/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/9/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/9/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/9/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/9/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/9/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/9/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/9/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	

10/9/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/9/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/9/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/9/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/9/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/9/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-025 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/16/2009	2,4'-DDD	< 0.023	ug/l	0.023	Production	
10/16/2009	2,4'-DDE	< 0.011	ug/l	0.011	Production	
10/16/2009	2,4'-DDT	< 0.011	ug/l	0.011	Production	
10/16/2009	4,4'-DDD	< 0.023	ug/l	0.023	Production	
10/16/2009	4,4'-DDE	< 0.011	ug/l	0.011	Production	
10/16/2009	4,4'-DDT	< 0.011	ug/l	0.011	Production	
10/16/2009	ALDRIN	< 0.006	ug/l	0.006	Production	
10/16/2009	CHLORDANE	< 0.056	ug/l	0.056	Production	
10/16/2009	DELTA-BHC	< 0.006	ug/l	0.006	Production	
10/16/2009	DIELDRIN	< 0.011	ug/l	0.011	Production	
10/16/2009	ENDOSULFAN I	< 0.011	ug/l	0.011	Production	
10/16/2009	ENDOSULFAN II	< 0.011	ug/l	0.011	Production	
10/16/2009	ENDOSULFAN SULFATE	< 0.023	ug/l	0.023	Production	
10/16/2009	ENDRIN	< 0.011	ug/l	0.011	Production	
10/16/2009	ENDRIN ALDEHYDE	< 0.011	ug/l	0.011	Production	
10/16/2009	GAMMA-BHC	< 0.011	ug/l	0.011	Production	
10/16/2009	HCH-ALPHA	< 0.011	ug/l	0.011	Production	
10/16/2009	HCH-BETA	< 0.006	ug/l	0.006	Production	
10/16/2009	HEPTACHLOR	< 0.011	ug/l	0.011	Production	
10/16/2009	HEPTACHLOR EPOXIDE	< 0.011	ug/l	0.011	Production	
10/16/2009	METHOXYCHLOR	< 0.011	ug/l	0.011	Production	
10/16/2009	TOXAPHENE	< 0.57	ug/l	0.57	Production	
SJRI-W-029 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/19/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/19/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/19/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/19/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/19/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/19/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/19/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/19/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/19/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/19/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/19/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/19/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/19/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/19/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/19/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/19/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/19/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/19/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	

10/19/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-035 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
10/27/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
10/27/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
10/27/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
10/27/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
10/27/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
10/27/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
10/27/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
10/27/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
10/27/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
10/27/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
10/27/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
10/27/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
10/27/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
10/27/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
10/27/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
10/27/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
10/27/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
10/27/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
10/27/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
10/27/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
10/27/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-044 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/3/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/3/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/3/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/3/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/3/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/3/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/3/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/3/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/3/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/3/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/3/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/3/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/3/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/3/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/3/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/3/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/3/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/3/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/3/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	

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11/3/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/3/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-051 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/10/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/10/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/10/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/10/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/10/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/10/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/10/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/10/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/10/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/10/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/10/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/10/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/10/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/10/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/10/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/10/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/10/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/10/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/10/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/10/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/10/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-056 (SJ River at Gravelly Ford (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/17/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/17/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/17/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/17/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/17/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/17/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/17/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/17/2009	CHLORDANE-ALPHA	< 0.010	ug/l	0.01	Production	
11/17/2009	CHLORDANE-GAMMA	< 0.010	ug/l	0.01	Production	
11/17/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/17/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/17/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDRIN KETONE	< 0.010	ug/l	0.01	Production	
11/17/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/17/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/17/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/17/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	

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11/17/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/17/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/17/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	
SJRI-W-057 (SJ River at Mendota Dam (San Joaquin River Restoration Interim Flows))						
Date	**Analyte**	**Result Value**	**Result Units**	**Report Limit**	**QA Type**	**Remarks**
11/17/2009	2,4'-DDD	< 0.020	ug/l	0.02	Production	
11/17/2009	2,4'-DDE	< 0.010	ug/l	0.01	Production	
11/17/2009	2,4'-DDT	< 0.010	ug/l	0.01	Production	
11/17/2009	4,4'-DDD	< 0.020	ug/l	0.02	Production	
11/17/2009	4,4'-DDE	< 0.010	ug/l	0.01	Production	
11/17/2009	4,4'-DDT	< 0.010	ug/l	0.01	Production	
11/17/2009	ALDRIN	< 0.005	ug/l	0.005	Production	
11/17/2009	CHLORDANE	< 0.050	ug/l	0.05	Production	
11/17/2009	DELTA-BHC	< 0.005	ug/l	0.005	Production	
11/17/2009	DIELDRIN	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN I	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN II	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDOSULFAN SULFATE	< 0.020	ug/l	0.02	Production	
11/17/2009	ENDRIN	< 0.010	ug/l	0.01	Production	
11/17/2009	ENDRIN ALDEHYDE	< 0.010	ug/l	0.01	Production	
11/17/2009	GAMMA-BHC	< 0.010	ug/l	0.01	Production	
11/17/2009	HCH-ALPHA	< 0.010	ug/l	0.01	Production	
11/17/2009	HCH-BETA	< 0.005	ug/l	0.005	Production	
11/17/2009	HEPTACHLOR	< 0.010	ug/l	0.01	Production	
11/17/2009	HEPTACHLOR EPOXIDE	< 0.010	ug/l	0.01	Production	
11/17/2009	METHOXYCHLOR	< 0.010	ug/l	0.01	Production	
11/17/2009	TOXAPHENE	< 0.50	ug/l	0.5	Production	

**Qualification: V = result may vary excessively from the true value, H = result may have a high bias, L = result may have a low bias, T = result obtained past the holding time, U = result determined to be an outlier at the time of data validation (see QA summary)

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Millerton Lake (above Friant Dam)

		Baseline	Routine Samples								Post-release
		9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Sample ID	SJRI-W-	002	012	021		027	031	037	045	053	060	
Sample type		W	TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS	TSS	

Table 1. Water Sample Analyses

			Baseline	Routine Samples									Post-release
Water Rights Order	Specific Analyses	Units	9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L	1.2	<1.0	1.3 T	X	1.4	1.3	4	6	1.6	2.2	
	nitrate and nitrite as N	mg/L	<0.050										
	ammonia as N	mg/L	<0.50										
Nutrients	total Kjeldal nitrogen	mg/L	<0.50T										
	phosphorous, total as P	mg/L	<0.050T										
	chlorophyll A	µg/L	3.5 T										
Total Organic Carbon		mg/L	2.4										
Dissolved Organic Carbon		mg/L	3.3T										
	Fecal coliform	#/100ml	<2										
Bacteria	Total coliform	#/100ml	17										
	E.coli	#/100ml	<2										
	calcium	mg/L	3										
Trace elements,	magnesium	mg/L	<1										
cations	potassium	mg/L	<1										
	sodium	mg/L	2										
	chloride	mg/L	1.8										
Trace elements,	carbonate alkalinity	mg/L	<5.0										
anions	bicarbonate alkalinity	mg/L	11T										
	alkalinity	mg/L	12T										
	copper	µg/L	1										
	chromium	µg/L	0.5										
	lead	µg/L	<0.5										
Trace elements, total	nickel	µg/L	<1.0										
	zinc	µg/L	2.3										
	arsenic	µg/L	1.2										
	mercury	ng/L	<2.0										
	selenium	µg/L	<0.4										
	organochlorine scan	µg/L	X										
Pesticides	pyrethroid scan	µg/L	X										
	carbamates	µg/L	X										
	organophosphates	µg/L	X										
	pH	units	8.0						6.5	7	7	6.5	
	electrical conductivity	µS/cm	78						24	43	42	23	
Field Measurements	turbidity	NTU	2						3	4	4	3	
	dissolved oxygen	mg/L	7.7						5.9	5.8	10.1		
	temperature	oC	23.7						19.8	14.9	16.8	16.2	

Table 2. Bed Sediment Results

			Baseline	Routine Samples									Post-release
Water Rights Order	Specific Analyses	Units	9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total organic carbon		mg/L											
	copper	mg/L											
	chromium	mg/L											
	lead	mg/L											
Metals	nickel	mg/L											
	zinc	mg/L											
	arsenic	mg/L											
	mercury	mg/L											
Organochlorine scan		ug/L											
Pyrethroid scan		ug/L											
Acute toxicity	ten day survival	%											
(*Hyalla azteca*)	ten day dry weight	mg											
	TIE												
Extras	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

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SJR below Friant Dam (Lost Lake)

		Baseline	Routine Samples								Post-release
		9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/16/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Sample ID	SJRI-W-	001	011	019		023	030	032	043	049	055	
Sample type		W, S	W	W	TSS	W	W	W	W	W	W	

Table 1. Water Sample Analyses

			Baseline	Routine Samples									Post-release
Water Rights Order	Specific Analyses	Units	9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L	2.8	<1.0	1.2 T	X	1.2	1.6	2.6	2.6	<1.0	<2.0	
	nitrate and nitrite as N	mg/L	0.1	0.11	0.11T		0.10T	0.12T	0.1	0.1	0.011	0.14	
	ammonia as N	mg/L	<0.50	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Nutrients	total Kjeldal nitrogen	mg/L	<0.50T	<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	phosphorous, total as P	mg/L	<0.050T	<0.050	<0.050		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
	Chlorophyll A	µg/L	2.2	<2	X		<2	<2	<2	5.3	<5.0T	<2.0	
Total Organic Carbon		mg/L	2.4	2.3	2.4		2.4	2.3	X	X	2.1	2.2	
Dissolved Organic Carbon		mg/L	3.0T	2.7T	3.0T		2.4T	2.1T	3.6	3.9	2.3	2.6	
	fecal coliform	#/100ml	22	13	X		23	80	30	13	X	23	
Bacteria	total coliform	#/100ml	900	110	X		1600	170	170	500	X	300	
	E.coli	#/100ml	14	13	X		13	80	30	13	16T	23	
	calcium	mg/L	3	3	4		3	4	3	3	3	3	
Trace elements,	magnesium	mg/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	
cations	potassium	mg/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	
	sodium	mg/L	3	3	3		3	3	3	3	3	3	
	chloride	mg/L	3	3	2.9		2.8	2.9	2.7	2.5	2.5	2.1	
Trace elements,	carbonate alkalinity	mg/L	<5.0T	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
anions	bicarbonate alkalinity	mg/L	14T	14	14		14	14	14	13	13	12	
	alkalinity	mg/L	14T	14	14		13	15	13	14	12	13	
	copper	µg/L	0.7	0.6	0.6		0.6	0.5	0.5	1.1	0.8	0.7	
	chromium	µg/L	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	1.1	<0.5	<0.5	
	lead	µg/L	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
Trace elements,	nickel	µg/L	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
total	zinc	µg/L	<2.0	2.2	9.1		7.9	4	<2.0	5	4.1	3	
	arsenic	µg/L	2.4	2.4	2.3		2	2.3	2.5	3.6	2.7	2.6	
	mercury	ng/L	<2.0	<2.0	<2.0		2.5	2.6	<2.0	<2.0	<2.0	<2.0	
	selenium	µg/L	<0.4	<0.4	<0.4		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	
	organochlorine scan	µg/L	X	ND (22)	ND (22)		ND (22)	ND (22)	ND (22)	ND (22)	ND (22)	ND (22)	
Pesticides	pyrethroid scan	µg/L	X	ND (6) T	ND (6) T		ND (6)	ND (6)	ND (6)	ND (6)	ND (6)	ND (6)	
	carbamates	µg/L	ND (10)	X	X		ND (10)	ND (10)	X	X	ND (10)	ND (10)	
	organophosphates	µg/L	ND (29)	ND (29)	ND (29)		ND (29)	ND (29)	ND (29)	ND (29)	ND (28)*	ND (29)	
	pH	units	7.3	6.6	6.0		6.5	7	7	6.9	6.2	6.5	
	electrical conductivity	µS/cm	43	33	40		37	32	36	46	33	41	
Field Measurements	turbidity	NTU	2	3	4		3	3	3	3	4	2	
	dissolved oxygen	mg/L	10.6	7.6			8.7	10.0	9.2	8.3	8.9	8	
	temperature	oC	15.1	11.1	14.5		17.9	14.5	11.7	15.0	13.9	13.7	

* 11/10/2009 Sulfotepp = 1.5 ug/L = Reporting limit

Table 2. Bed Sediment Analyses

			Baseline	Routine Samples									Post-release
Water Rights Order	Specific Analyses	Units	9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Organic Carbon		mg/L	X										X
	copper	mg/L	X										X
	chromium	mg/L	X										X
	lead	mg/L	X										X
Trace elements	nickel	mg/L	X										X
	zinc	mg/L	X										X
	arsenic	mg/L	X										X
	mercury	mg/L	X										X
	organochlorine scan	ug/L	X										X
Pesticides	pyrethroid scan	ug/L	X										X
	ten day survival	%	89%										X
Toxicity, acute (*Hyalla azteca*)	ten day dry weight	mg	0.06										X
	TIE												
Extras	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

Revised: 1/15/2010

San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR at Hwy 41

		Baseline	Routine								Post-release
		9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Sample ID	SJRI-W-	004										
Sample type		W										

Table 1. Water Sample Analyses

			Baseline	Routine Samples									Post-release
Water Rights Order	Specific Analyses	Units	9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L	1.2										
	nitrate and nitrite as N	mg/L	<0.050										
	ammonia as N	mg/L	<0.50										
	total Kjeldal nitrogen	mg/L	<0.50T										
	phosphorous, total as P	mg/L	<0.050T										
	chlorophyll A	µg/L	<2										
Total Organic Carbon		mg/L	2.5										
Dissolved Organic Carbon		mg/L	2.8T										
	Fecal coliform	#/100ml	2										
Bacteria	Total coliform	#/100ml	90										
	E.coli	#/100ml	2										
	calcium	mg/L	3										
Trace elements,	magnesium	mg/L	<1										
cations	potassium	mg/L	<1										
	sodium	mg/L	4										
	chloride	mg/L	X										
Trace elements,	carbonate alkalinity	mg/L	<5.0T										
anions	bicarbonate alkalinity	mg/L	14T										
	alkalinity	mg/L	X										
	copper	µg/L	0.5										
	chromium	µg/L	<0.5										
	lead	µg/L	<0.5										
Trace elements, total	nickel	µg/L	<1.0										
	zinc	µg/L	<2.0										
	arsenic	µg/L	2.2										
	mercury	ng/L	<2.0										
	selenium	µg/L	<0.4										
	organochlorine scan	µg/L	X										
Pesticides	pyrethroid scan	µg/L	X										
	carbamates	µg/L	X										
	organophosphates	µg/L	ND (29)										
	pH	units	7.0										
	Conductivity	µS/cm	51										
Field Measurements	turbidity	NTU	4										
	Dissolved oxygen	mg/L	8.3										
	temperature	oC	17.1										

Table 2. Bed Sediment Analyses

			Baseline	Routine Samples									Post-release
BOR Analysis	Water Rights Order		9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Organic Carbon		mg/L											
	copper	mg/L											
	chromium	mg/L											
	lead	mg/L											
Trace elements	nickel	mg/L											
	zinc	mg/L											
	arsenic	mg/L											
	mercury	mg/L											
Pesticides	organochlorine scan	ug/L											
	pyrethroid scan	ug/L											
Toxicity, acute (*Hyalla azteca*)	ten day survival	%											
	ten day dry weight	mg											
	TIE												
Extras	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

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San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR near HWY 99 (Camp Pashayan)

		Baseline	Routine Samples								Post-release
		9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Sample ID	SJRI-W-	005	014	018		022	028	033	042	046	054	
Sample type		WS	W	W	TSS	W	W	W	W	W	W	

Table 1. Water Sample Analyses

			Baseline	Routine Samples								Post-release
Water Rights Order	Specific Analyses	Units	9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L	6.7	<1.0	2.6 T	X	1.5	8.9	2	1.8	1.2	1.4	
	nitrate and nitrite as N	mg/L	<0.050	X	<0.050T		0.10T	<0.050T	<0.050	<0.050	0.07	0.11	
	ammonia as N	mg/L	<0.50	X	<0.50		<0.50	3.5	<0.50	<0.50	<0.50	<0.50	
	total Kjeldal nitrogen	mg/L	<0.50T	X	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	phosphorous, total as P	mg/L	0.11T	X	<0.050		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
	chlorophyll A	µg/L	3.1	<2	X		<2	<2	<2	<2.0	25T	<2.0	
Total Organic Carbon		mg/L	2.6	2.5	2.4		3.6	2.4	2.4	2.6	2.4	2.2	
Dissolved Organic Carbon		mg/L	3.9T	X	3.2T		3.2T	2.4T	3.5	3.9	3.1	3	
	Fecal coliform	#/100ml	2	50	X		300	23	13	240	X	<2	
Bacteria	Total coliform	#/100ml	1600	900	X		>2400	240	130	900	X	70	
	E.coli	#/100ml	2	50	X		170	23	13	240	11T	<2	
	calcium	mg/L	4	4	4		4	4	4	3	3	3	
Trace elements,	magnesium	mg/L	<1	<1	<1		<1	<1	<1	<1	<1	<1	
cations	potassium	mg/L	<1	<1	<1		1	<1	<1	<1	<1	<1	
	sodium	mg/L	4	4	4		3	4	4	3	3	3	
	chloride	mg/L	3.2	3.2	3		3.2	3.3	3	2.9	2.5	2.5	
Trace elements,	carbonate alkalinity	mg/L	<5.0T	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
anions	bicarbonate alkalinity	mg/L	15T	16	15		15	16	16	15	12	14	
	alkalinity	mg/L	15T	15	15		15	15	16	15	14	15	
	copper	µg/L	6.6	1	2.1		1	0.8	0.7	0.6	0.7	0.6	
	chromium	µg/L	<0.5	0.7	0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	lead	µg/L	<0.5	<0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	nickel	µg/L	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
Trace elements, total	zinc	µg/L	<2.0	2	3.1		<2.0	2.2	<2.0	<2.0	2.1	<2.0	
	arsenic	µg/L	1.9	1.9	1.6		1.8	1.8	1.8	1.9	2.7	2.3	
	mercury	ng/L	<2.0	17	<2.0		<2.0	2.2	<2.0	<2.0	<2.0	<2.0	
	selenium	µg/L	<0.4	<0.4	X		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	
	organochlorine scan	µg/L	X	ND (22)	ND (22)		ND (22)	ND (22)	ND (22)	ND (22)	ND (22)	ND (22)	
Pesticides	pyrethroid scan	µg/L	X	ND (6) T	ND (6) T		ND (6)	ND (6)	ND (6)	ND (6)	ND (6)	ND (6)	
	carbamates	µg/L	ND (10)	X	X		ND (10)	ND (10)	X	X	ND (10)	ND (10)	
	organophosphates	µg/L	ND (29)	ND (29)	ND (29)		ND (29)	ND (29)	ND (29)	ND (29)	ND (28)*	ND (29)	
	pH	units	7.0	6.7	6.8		6.4	7.1	6.3	6.5	7.8	7.2	
	electrical conductivity	µS/cm	38	35	36		37	35	40	53	44	48	
Field Measurements	turbidity	NTU	3	2	3		4	2	2	4	3	2	
	dissolved oxygen	mg/L	8.6		8.9		6.3	10.1	7	8.5	9	9.2	
	temperature	oC	21.2	16.6	16.2		18.2	16.8	15	13.9	13.5	12	

* 11/10/2009 Sulfotepp = 1.5 ug/L = Reporting limit

Table 2. Bed Sediment Analyses

			Baseline	Routine Samples								Post-release
Water Rights Order	Specific Analyses	Units	9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total organic carbon		mg/L	X										X
	copper	mg/L	X										
	chromium	mg/L	X										
	lead	mg/L	X										
Trace elements	nickel	mg/L	X										X
	zinc	mg/L	X										
	arsenic	mg/L	X										
	mercury	mg/L	X										
Pesticides	organochlorine scan	mg/L	X										X
	pyrethroid scan	mg/L	X										X
Acute toxicity (*Hyalla azteca*)	ten-day survival	%	X										X
	ten-day weight	mg/L	X										
	TIE		X										X
	grain size analysis		X										X
	percent moisture		X										

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

Revised: 1/15/2010

San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR at Gravelly Ford

		Baseline	Routine Samples									
		10/1/2009	10/7/2007	10/9/2009	10/13/2009	10/16/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Sample ID	SJRI-W-	006	016	020		025	029	035	044	051	056	
Sample type		WS	W	W	T	W	W	W	W	W	W	

Table 1. Water Sample Analyses

			Baseline	Routine Samples									Post-release
BOR Analysis	Water Rights Order	Units	10/1/2009	10/7/2007	10/9/2009	10/13/2009	10/16/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L	21 T	1.8	1.2 T	X	4	5.3	2.4	<1.0	2.8	<1.0	
	nitrate and nitrite as N	mg/L		<0.050T	<0.050T		0.076T	<0.050T	<0.050	<0.050	0.061	0.062	
	ammonia as N	mg/L		<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
Nutrients	total Kjeldal nitrogen	mg/L		<0.50	<0.50		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	
	phosphorus, total as P	mg/L		<0.050	<0.050		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	
	Chlorophyll A	µg/L		<2	X		<2	<2	<2	<2.0	<5.0T	<2.0	
Total Organic Carbon		mg/L		2.6	2.6		3.4	2.7	2.7	2.4	2.5	2.4	
Dissolved Organic Carbon		mg/L		3.3T	2.6T		3.1T	4.4T	2.7	2.5	2.5	3.6	
	Fecal coliform	#/100ml		50	X		50	4	23	30	X	23	
Bacteria	Total coliform	#/100ml		900	X		500	300	300	900	X	350	
	E.coli	#/100ml		50	X		50	13	23	30	25T	23	
	calcium	mg/L	X	3	3		4	4	4	3	3	3	
Trace elements,	magnesium	mg/L	X	<1	<1		<1	<1	<1	<1	<1	<1	
cations	potassium	mg/L	X	<1	<1		1	<1	<1	<1	<1	<1	
	sodium	mg/L	X	4	4		3	4	4	3	3	3	
	chloride	mg/L	3.2	3.2	3.1		3.1	3.2	3.2	2.9	2.6	2.7	
Trace elements,	carbonate alkalinity	mg/L	<5.0T	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	
anions	bicarbonate alkalinity	mg/L	15T	14	15		16	14	16	15	14	14	
	alkalinity	mg/L	15T	14	15		14	15	15	14	14	13	
	copper	µg/L	X	0.8	0.6		1.1	1.5	0.7	0.6	0.9	0.7	
	chromium	µg/L	X	0.5	<0.5		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	lead	µg/L	X	0.5	<0.5		<0.5	0.6	<0.5	<0.5	<0.5	<0.5	
Trace elements,	nickel	µg/L	X	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
total	zinc	µg/L	X	4.4	2.8		2.6	4.7	<2.0	<2.0	2.6	<2.0	
	arsenic	µg/L	X	1.2	1.4		1.2	1.6	1.6	1.7	2.4	2.3	
	mercury	ng/L		<2.0	<2.0		2.3	<2.0	<2.0	<2.0	<2.0	<2.0	
	selenium	µg/L		<0.4	<0.4		<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	
	organochlorine scan	µg/L		ND (22)	ND (22)		ND (22)	ND (22)	ND (22)	ND (22)	ND (22)	ND (22)	
Pesticides	pyrethroid scan	µg/L		ND (6) T	ND (6) T		ND (6)	ND (6)	ND (6)	ND (6)	ND (6)	ND (6)	
	carbamates	µg/L		X	X		ND (10)	ND (10)	X	X	ND (10)	ND (10)	
	organophosphates	µg/L	ND (29)	ND (29)	ND (29)		ND (29)	ND (29)	ND (29)	ND (29)	ND (28)*	ND (29)	
	pH	units		6.8	5.9		6.7	7.2	6.4	6.8	6.3	6.8	
	Conductivity	µS/cm		36	39		41	53	41	39	40	44	
Field Measurements	turbidity	NTU		3	3		2	3	4	4	7	3	
	Dissolved oxygen	mg/L					5.6		6.6	8.9			
	temperature	oC		18.6	18.4		19.1	18.1	15.2	15.2	14.9	13.1	

* 11/10/2009 Sulfotepp = 1.5 ug/L = Reporting limit

Table 2. Bed Sediment Analyses

			Baseline	Routine Samples									Post-release
BOR Analysis	Water Rights Order		10/1/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total organic carbon		mg/L	X										X
	copper	mg/L	X										X
	chromium	mg/L	X										X
	lead	mg/L	X										X
Trace elements	nickel	mg/L	X										X
	zinc	mg/L	X										X
	arsenic	mg/L	X										X
	mercury	mg/L	X										X
Pesticides	organochlorine scan	ug/L	X										X
	pyrethroid scan	ug/L	X										X
acute toxicity (Hyalla azteca)	ten-day survival	percent	81%										X
	ten-day dry weight	mg	0.08										X
	TIE		X										X
	grain size analysis		X										X
	percent moisture		X										X

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

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San Joaquin River Restoration Program
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SJR below Bifurcation

		Baseline			Routine Samples						Post-release
		9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Sample ID										047	059	
Sample type		D	D	D	D	D	D	D	D	W	T	

Table 1. Water Sample Analyses

			Baseline			Routine						Post-release
BOR Analysis	Water Rights Order	Units	9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L									7.1	1.1	
	nitrate and nitrite as N	mg/L									0.056		
	ammonia as N	mg/L									<0.50		
Nutrients	total Kjeldal nitrogen	mg/L									<0.50		
	phosphorus, total as P	mg/L									<0.050		
	Chlorophyll A	µg/L									<5.0T		
Total Organic Carbon		mg/L									2.6		
Dissolved Organic Carbon		mg/L									3.1		
	fecal coliform	#/100ml									X		
Bacteria	total coliform	#/100ml									X		
	E.coli	#/100ml									32T		
	calcium	mg/L									4		
Trace elements,	magnesium	mg/L									<1		
cations	potassium	mg/L									<1		
	sodium	mg/L									3		
	chloride	mg/L									2.8		
Trace elements,	carbonate alkalinity	mg/L									<5.0		
anions	bicarbonate alkalinity	mg/L									14		
	alkalinity	mg/L									15		
	copper	µg/L									2.1		
	chromium	µg/L									<0.5		
	lead	µg/L									0.6		
Trace elements,	nickel	µg/L									<1.0		
total	zinc	µg/L									6.2		
	arsenic	µg/L									2.3		
	mercury	µg/L									<2.0		
	selenium	µg/L									<0.4		
	organochlorine scan	µg/L									ND (22)		
Pesticides	pyrethroid scan	µg/L									ND (6)		
	carbamates	µg/L									ND (10)		
	organophosphates	µg/L									ND (28)*		
	pH	units									6.1	6.4	
	Conductivity	µS/cm									34	29	
Field	turbidity	NTU									6	2	
Measurements	Dissolved oxygen	mg/L									10.4		
	temperature	oC									13.2	13.5	

* 11/10/2009 Sulfotepp = 1.5 ug/L = Reporting limit

Table 2. Bed Sediment Analyses

			Baseline			Routine Samples						Post-release
BOR Analysis	Water Rights Order		9/30/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total organic carbon		mg/L											
	copper	mg/L											
	chromium	mg/L											
	lead	mg/L											
Trace elements	nickel	mg/L											
	zinc	mg/L											
	arsenic	mg/L											
	mercury	mg/L											
Pesticides	organochlorine scan	ug/L											
	pyrethroid scan	ug/L											
acute toxicity	ten-day survival	percent											
(Hyalla azteca)	ten-dat dry weight	mg											
	TIE												
	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR at San Mateo ford

		Baseline			Routine						Post-release
		10/1/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Sample ID	SJRI-W-	009										
Sample type		S										

Table 1. Water Sample Analyses

			Baseline			Routine						Post-release
Water Rights Order	Specific Analyses	Units	10/1/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L											
	nitrate and nitrite as N	mg/L											
	ammonia as N	mg/L											
	total Kjeldal nitrogen	mg/L											
	phosphorous, total as P	mg/L											
	Chlorophyll A	µg/L											
Total Organic Carbon		mg/L											
Dissolved Organic Carbon		mg/L											
	fecal coliform	#/100ml											
Bacteria	total coliform	#/100ml											
	E.coli	#/100ml											
	calcium	mg/L											
Trace elements,	magnesium	mg/L											
cations	potassium	mg/L											
	sodium	mg/L											
	chloride	mg/L											
Trace elements,	carbonate alkalinity	mg/L											
anions	bicarbonate alkalinity	mg/L											
	alkalinity	mg/L											
	copper	µg/L											
	chromium	µg/L											
	lead	µg/L											
Trace elements, total	nickel	µg/L											
	zinc	µg/L											
	arsenic	µg/L											
	mercury	ng/L											
	selenium	µg/L											
	organochlorine scan	µg/L											
Pesticides	pyrethroid scan	µg/L											
	carbamates	µg/L											
	organophosphates	µg/L											
	pH	units											
	electrical conductivity	µS/cm											
Field Measurements	turbidity	NTU											
	dissolved oxygen	mg/L											
	temperature	oC											

Table 2. Bed Sediment Analyses

			Routine									Post-release
BOR Analysis	Water Rights Order		10/1/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Organic Carbon		mg/L											
	copper	mg/L											
	chromium	mg/L											
	lead	mg/L											
Trace elements	nickel	mg/L											
	zinc	mg/L											
	arsenic	mg/L											
	mercury	mg/L											
Pesticides	organochlorine scan	ug/L											
	pyrethroid scan	ug/L											
Toxicity, acute (*Hyalla azteca*)	ten day survival	%											
	ten day dry weight	mg											
	TIE												
Extras	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

Revised: 1/15/2010

San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR near Mendota (below Mendota

		Baseline		Routine Samples								Post-release
		10/14/2009	10/29/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	
Sample ID	SJRI-W-	009										057	
Sample type		W	S	N	N	N	N	N	N	N	N	W	

Table 1. Water Sample Analyses

			Baseline		Routine Samples								Post-release
Water Rights Order	Specific analyses	Units	10/14/2009	10/29/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L	19										X	
	nitrate and nitrite as N	mg/L	0.52L										0.89	
	ammonia as N	mg/L	<0.50										<0.50	
Nutrients	total Kjeldal nitrogen	mg/L	<0.50										<0.50	
	phosphorous, total as P	mg/L	0.13										0.1	
	Chlorophyll A	µg/L	3.3										2.9	
Total Organic Carbon		mg/L	2.6										2.6	
Dissolved Organic Carbon		mg/L	2.9T										3.2	
	fecal coliform	#/100ml	13										17	
Bacteria	total coliform	#/100ml	300										240	
	E.coli	#/100ml	13										17	
	calcium	mg/L	22										<1	
Trace elements,	magnesium	mg/L	14										<1	
cations	potassium	mg/L	3.1										2.4	
	sodium	mg/L	55										<1	
	chloride	mg/L	96										74	
Trace elements,	carbonate alkalinity	mg/L	<5.0										<5.0	
anions	bicarbonate alkalinity	mg/L	84										83	
	alkalinity	mg/L	73										83	
	copper	mg/L	3.5										2.2	
	chromium	µg/L	1.7										0.6	
	lead	µg/L	<0.5										<0.5	
Trace elements, total	nickel	µg/L	3										2.1	
	zinc	µg/L	8.5										2.7	
	arsenic	µg/L	2.2										2.1	
	mercury	ng/L	4.1										3.6	
	selenium	µg/L	<0.4										<0.4	
	organochlorine scan	µg/L	X										ND (22)	
Pesticides	pyrethroid scan	µg/L	X										ND (6)	
	carbamates	µg/L	ND (10)										ND (10)	
	organophosphates	µg/L	X										ND (29)	
	pH	units											6.4	
	electrical conductivity	µS/cm											401	
Field Measurements	turbidity	NTU											4	
	dissolved oxygen	mg/L												
	temperature	oC											12.8	

Table 2. Bed Sediment Analyses

			Baseline		Routine Samples								Post-release
Water Rights Order	Specific analyses		10/14/2009	10/29/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Organic Carbon		ug/g		<2600										X
	copper	ug/g		1.3										X
	chromium	ug/g		2										
	lead	ug/g		<1.3										
Trace elements	nickel	ug/g		2.3										
	zinc	ug/g		22										X
	arsenic	mg/L		<1.3										
	mercury	ug/L		<0.024										
Pesticides	organochlorine scan	ug/L		ND										
	pyrethroid scan	ug/L		ND										X
Toxicity, acute (*Hyalla azteca*)	ten day survival	percent		80%										X
	ten day dry weight	mg		0.07										X
	TIE													
Extras	grain size analysis			X										X
	percent solids			77%										
	percent moisture													

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
N - Interim water has not reached this site on this date
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

Revised: 1/15/2010

San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR near Dos Palos (below Sack Dam)

		Baseline	Routine Samples								Post-release
		10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	
Sample ID	SJRI-W-	010									058	
Sample type		W	N	N	N	N	N	N	N	N	W	

Table 1. Water Sample Analyses

			Baseline	Routine Samples								Post-release
Water Rights Order	Specific analyses	Units	10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L	9.2									7.2	
	nitrate and nitrite as N	mg/L	0.54										
	ammonia as N	mg/L	<0.50										
Nutrients	total Kjeldal nitrogen	mg/L	0.88										
	phosphorous, total as P	mg/L	0.25										
	Chlorophyll A	µg/L	6.3										
Total Organic Carbon		mg/L	2.9										
Dissolved Organic Carbon		mg/L	X										
	fecal coliform	#/100ml	70										
Bacteria	total coliform	#/100ml	>2400										
	E.coli	#/100ml	50										
	calcium	mg/L	22										
Trace elements,	magnesium	mg/L	14										
cations	potassium	mg/L	3.4										
	sodium	mg/L	56										
	chloride	mg/L	99										
Trace elements,	carbonate alkalinity	mg/L	<5.0										
anions	bicarbonate alkalinity	mg/L	84										
	alkalinity	mg/L	80										
	copper	mg/L	3										
	chromium	µg/L	0.6										
	lead	µg/L	<0.5										
Trace elements,	nickel	µg/L	2.1										
total	zinc	µg/L	10										
	arsenic	µg/L	1.7										
	mercury	ng/L	4.5										
	selenium	µg/L	<0.4										
	organochlorine scan	µg/L	X										
Pesticides	pyrethroid scan	µg/L	X										
	carbamates	µg/L	ND (10)										
	organophosphates	µg/L	X										
	pH	units											
	electrical conductivity	µS/cm											
Field Measurements	turbidity	NTU											
	dissolved oxygen	mg/L											
	temperature	oC											

Table 2. Bed Sediment Analyses

			Baseline	Routine Samples								Post-release
Water Rights Order	Specific analyses		10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Organic Carbon		mg/L											
	copper	mg/L											
	chromium	mg/L											
	lead	mg/L											
Trace elements	nickel	mg/L											
	zinc	mg/L											
	arsenic	mg/L											
	mercury	mg/L											
Pesticides	organochlorine scan	ug/L											
	pyrethroid scan	ug/L											
Toxicity, acute (*Hyalla azteca*)	ten day survival	percent											
	ten day dry weight	mg											
	TIE												
Extras	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
N - Interim water has not reached this site on this date
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

Revised: 1/15/2010

San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR at Fremont Ford

		Baseline	Routine Samples								Post-release
		10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	
Sample ID	SJRI-W-											
Sample type			N	N	N	N	N	N	N	N	N	

Table 1. Water Sample Analyses

			Baseline	Routine Samples								Post-release
Water Rights Order	Specific analyses	Units	10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L											
	nitrate and nitrite as N	mg/L											
	ammonia as N	mg/L											
Nutrients	total Kjeldal nitrogen	mg/L											
	phosphorous, total as P	mg/L											
	Chlorophyll A	µg/L											
Total Organic Carbon		mg/L											
Dissolved Organic Carbon		mg/L											
	fecal coliform	#/100ml											
Bacteria	total coliform	#/100ml											
	E.coli	#/100ml											
	calcium	mg/L											
Trace elements,	magnesium	mg/L											
cations	potassium	mg/L											
	sodium	mg/L											
	chloride	mg/L											
Trace elements,	carbonate alkalinity	mg/L											
anions	bicarbonate alkalinity	mg/L											
	alkalinity	mg/L											
	copper	mg/L											
	chromium	µg/L											
	lead	µg/L											
Trace elements,	nickel	µg/L											
total	zinc	µg/L											
	arsenic	µg/L											
	mercury	ng/L											
	selenium	µg/L											
	organochlorine scan	µg/L											
Pesticides	pyrethroid scan	µg/L											
	carbamates	µg/L											
	organophosphates	µg/L											
	pH	units											
	electrical conductivity	µS/cm											
Field Measurements	turbidity	NTU											
	dissolved oxygen	mg/L											
	temperature	oC											

Table 2. Bed Sediment Analyses

			Baseline	Routine Samples								Post-release
Water Rights Order	Specific analyses		10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Organic Carbon		mg/L											
	copper	mg/L											
	chromium	mg/L											
	lead	mg/L											
Trace elements	nickel	mg/L											
	zinc	mg/L											
	arsenic	mg/L											
	mercury	mg/L											
Pesticides	organochlorine scan	ug/L											
	pyrethroid scan	ug/L											
Toxicity, acute (*Hyalla azteca*)	ten day survival	percent											
	ten day dry weight	mg											
	TIE												
Extras	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
N - Interim water has not reached this site on this date
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

Revised: 1/15/2010

San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR above Merced River (Hills Ferry)

		Baseline	Routine Samples									Post-release
		10/29/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	
Sample ID	SJRI-W-	010										
Sample type		W	N	N	N	N	N	N	N	N	N	

Table 1. Water Sample Analyses

			Baseline	Routine Samples									Post-release
Water Rights Order	Specific analyses	Units	10/29/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L	21										
	nitrate and nitrite as N	mg/L	0.54										
	ammonia as N	mg/L	<0.50										
Nutrients	total Kjeldal nitrogen	mg/L	0.88										
	phosphorous, total as P	mg/L	0.25										
	Chlorophyll A	µg/L	26										
Total Organic Carbon		mg/L	8										
Dissolved Organic Carbon		mg/L	8										
	fecal coliform	#/100ml	220										
Bacteria	total coliform	#/100ml	>2400										
	E.coli	#/100ml	22										
	calcium	mg/L	68										
Trace elements,	magnesium	mg/L	37										
cations	potassium	mg/L	X										
	sodium	mg/L	170										
	chloride	mg/L	140										
Trace elements,	carbonate alkalinity	mg/L	<5.0										
anions	bicarbonate alkalinity	mg/L	200										
	alkalinity	mg/L	200										
	copper	mg/L	7										
	chromium	µg/L	1.9										
	lead	µg/L	56										
Trace elements,	nickel	µg/L	16										
total	zinc	µg/L	640										
	arsenic	µg/L	5										
	mercury	ng/L	4.9										
	selenium	µg/L	2.3										
	organochlorine scan	µg/L	X										
Pesticides	pyrethroid scan	µg/L	X										
	carbamates	µg/L	X										
	organophosphates	µg/L	X										
	pH	units	6.5										
	electrical conductivity	µS/cm	1459										
Field Measurements	turbidity	NTU	11										
	dissolved oxygen	mg/L	5.9										
	temperature	oC	18.3										

Table 2. Bed Sediment Analyses

			Baseline	Routine Samples									Post-release
Water Rights Order	Specific analyses		10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Organic Carbon		mg/L											
	copper	mg/L											
	chromium	mg/L											
	lead	mg/L											
Trace elements	nickel	mg/L											
	zinc	mg/L											
	arsenic	mg/L											
	mercury	mg/L											
Pesticides	organochlorine scan	ug/L											
	pyrethroid scan	ug/L											
Toxicity, acute (*Hyalla azteca*)	ten day survival	percent											
	ten day dry weight	mg											
	TIE												
Extras	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
N - Interim water has not reached this site on this date
ND - None detected; results below minimum lab detection levels
T - result obtained past the holding time
Not required for Water Rights Order
X - results pending

Revised: 1/15/2010

San Joaquin River Restoration Program
Fall 2009 Interim Flow Program

SJR at Crows Landing

		Baseline	Routine Samples								Post-release
		10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	
Sample ID	SJRI-W-											
Sample type			N	N	N	N	N	N	N	N	N	

Table 1. Water Sample Analyses

			Baseline	Routine Samples								Post-release
Water Rights Order	Specific analyses	Units	10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Suspended Solids		mg/L											
	nitrate and nitrite as N	mg/L											
	ammonia as N	mg/L											
Nutrients	total Kjeldal nitrogen	mg/L											
	phosphorous, total as P	mg/L											
	Chlorophyll A	µg/L											
Total Organic Carbon		mg/L											
Dissolved Organic Carbon		mg/L											
	fecal coliform	#/100ml											
Bacteria	total coliform	#/100ml											
	E.coli	#/100ml											
	calcium	mg/L											
Trace elements,	magnesium	mg/L											
cations	potassium	mg/L											
	sodium	mg/L											
	chloride	mg/L											
Trace elements,	carbonate alkalinity	mg/L											
anions	bicarbonate alkalinity	mg/L											
	alkalinity	mg/L											
	copper	mg/L											
	chromium	µg/L											
	lead	µg/L											
Trace elements,	nickel	µg/L											
total	zinc	µg/L											
	arsenic	µg/L											
	mercury	ng/L											
	selenium	µg/L											
	organochlorine scan	µg/L											
Pesticides	pyrethroid scan	µg/L											
	carbamates	µg/L											
	organophosphates	µg/L											
	pH	units											
	electrical conductivity	µS/cm											
Field Measurements	turbidity	NTU											
	dissolved oxygen	mg/L											
	temperature	oC											

Table 2. Bed Sediment Analyses

			Baseline	Routine Samples								Post-release
Water Rights Order	Specific analyses		10/14/2009	10/7/2007	10/9/2009	10/13/2009	10/15/2009	10/19/2009	10/27/2009	11/3/2009	11/10/2009	11/17/2009	after 20 Nov
Total Organic Carbon		mg/L											
	copper	mg/L											
	chromium	mg/L											
	lead	mg/L											
Trace elements	nickel	mg/L											
	zinc	mg/L											
	arsenic	mg/L											
	mercury	mg/L											
Pesticides	organochlorine scan	ug/L											
	pyrethroid scan	ug/L											
Toxicity, acute (*Hyalla azteca*)	ten day survival	percent											
	ten day dry weight	mg											
	TIE												
Extras	grain size analysis												
	percent moisture												

Notes:
S - Sediment sample collected
W - water sample collected, full analyses
TSS - TSS only in water
N - Interim water has not reached this site on this date
ND - None detected; results below minimum lab detection levels
T or HTX - Hold time exceeded; results compromised
Not required for Water Rights Order
X - results pending

Revised: 1/4/2010