

Information needed to characterize Ag Dominated Water Bodies

(to be used in conjunction with Water Body Categorization Flow Chart 1 and completed in partnership with the entity that manages/operates the Water Bodies evaluated within this document)

A. Water Body Categorization Information

I. General

1. Applicant name, mailing address, and date of establishment (include website address, if applicable):

San Luis Canal Company (SLCC) was established in 1913 as a private mutual water company that began service to lands within its boundaries. The Company continues to hold Pre-1914 Appropriative Water Rights. More information regarding SLCC can be found at:

<http://www.slcc.net/>.

Managing/operating entity (if different from above):

Henry Miller Reclamation District #2131 operates and maintains the facilities that convey irrigation water or drainage water for the benefit of landowners within the district of SLCC.

2. Contact Person (include phone and email):

Chase Hurley
General Manager
(209) 826-5112
chase@hmrdrd.net

3. Total number of water bodies under consideration and approximate total length (in miles)

232 water bodies, 391 miles

4. Location and total surrounding land area containing the water bodies under consideration (will be referenced as study area) in acres or square miles.

The water bodies are located within SLCC's district boundaries. SLCC district consists of 47,285 acres of productive farmland between the cities of Los Banos and Dos Palos in Merced County.

5. Complete the information needed in Table 1 as provided, with a separate record for each water body to be evaluated. Provide 1992 Inland Surface Water Plan (ISWP)

information (water body name, Ag dominated water body category, and type of construction) if it is both available and reflective of current conditions and operations of the water body to be evaluated.

Table 1 Water Body Information

Name of Primary Water Body or System	Name of All Individual Water Bodies that Make Up the Primary Water Body System	1992 Inland Surface Water Plan (ISWP)			National Hydrography Dataset (NHD) Water Body Feature Type	Type of Water Body (natural, modified or constructed)	Ag Dominated Water Body Category (from Flow Chart 1)	For Constructed or Modified			Length of Water Body Segment (miles)	Primary Water Type (e.g. Supply Water only, Ag return flows, subsurface tile drainage water, municipal or industrial wastewater, stormwater)	Flow Characteristics		Water Body Maintenance Activities and Frequency
		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	

See Appendix A for Table 1 Water Body Information. Historic construction information is stored at the SLCC’s district office.

6. List sources, documents, reports or references used for making the Water Body Category (Flow Chart 1) determination provided in Table 1 for the study area under consideration. *Links to websites can also be provided if applicable.*
 - 1992 Inland Surface Water Plan—Drainage Basin 41 section tables listing all agriculturally dominated water bodies (Central Valley Water Board, 1992).
 - National Hydrography Dataset (NHD)—attributes listing “Stream/River” and “Canal/Drain” feature type. (U.S. Environmental Protection Agency and the U.S. Geological Survey, 2005).
 - Appendix B of this report provides photographs of hydro-modifications in canals and/or drains.
 - Historic district maps of San Luis Canal Company.
 - Historic construction and modification records from 1930s to 1960s.

7. Provide a map showing boundaries of the study area (USGS Quad or other map. (If Geographical Information System (GIS) shape files are available, include as an attachment)

The boundary of San Luis Canal Company is provided in Figure 1.

8. List source(s) of water for the study area.

- Arroyo Canal from San Joaquin River via the San Joaquin River Exchange Contractors Exchange Contract with the Bureau of Reclamation
- Drainage from upstream districts—Poso Canal Company and Central California Irrigation District
- Local groundwater

II. Inflows and Outflows to Water Bodies

1. Provide a brief general description of the overall study area management.

Surface water is obtained via Arroyo Canal which receives from San Joaquin River. However, since the 1950s, water is received from upstream districts (Poso Canal Company and Central California Irrigation District) that are already a blend of supply, tail, and tile water. Water supplies continue to be blended with agricultural drainage as they move through the district until outfall to Salt Slough. Supply water may be augmented by 42 groundwater supply wells. Groundwater may be used at a higher quantity during critical dry years.

2. Provide a map(s) or schematic showing the key components of the surface water supply and drainage in the study area. The figure should include inflows and outflows of the study area and include (if applicable) the following:

- a. Location of surface water supply (intake) points to the study area.
- b. Location of groundwater supply points in the study area (This should only include wells which pump directly into canals or drains or wells used to supply water outside the land owners' control).
- c. Location of operation spills from the study area.

Locations of intake points, groundwater supply points, and operation spills are displayed in Figure 1.

3. Describe and indicate on a map the predominate direction of water flow through the study area.

Water predominately flows southeast to northwest within the district and is indicated in Figure 1.

B. MUN Beneficial Use Evaluation

I. Municipal and Domestic Supply (MUN) use

1. List any known State Water Rights information pertaining to the municipal and/or domestic supply use in or immediately downstream of the study area, even if the right has never been exercised (if applicable).

For more information on State Water Rights information and the use of database search and mapping tools, visit the following

website: http://www.swrcb.ca.gov/waterrights/water_issues/programs/ewrims/

Regional Board Staff

Application: A011688

The License for Diversion and Use of Water certified United States Fish and Wildlife Services (USFW) on May 15, 1973 the right to use the water of Salt Slough in Merced County. There was incidental domestic use in 1963, but report records show no evidence of domestic use of Salt Slough since certification. Salt Slough is listed in the Sacramento and San Joaquin River Basin Plan with no Municipal and Domestic Supply (MUN) beneficial use.

2. Describe other municipal and/or domestic supply use of the surface water system on or after November 28, 1975 (*if applicable*).

No known MUN use on or after November 28, 1975.

3. Provide a map(s) showing any diversion points in or downstream of the study area where water is used for municipal and/or domestic supply.

No MUN use of surface supply used in the SLCC boundary. Do not know the answer for downstream of our boundary.

C. Water Quality Monitoring Program

I. Irrigated Lands Regulatory Program (ILRP)

1. Is the study area covered by water quality monitoring under the Central Valley Irrigated Lands Regulatory Program or any other monitoring program?

Yes, the study area falls under the Central Valley Irrigated Lands Regulatory Program.

2. If the study area is covered by the ILRP, provide information for questions 2a-c. *Website links may be provided in lieu of answering these questions.*

- a. What ILRP coalition is the Applicant a member of?

Westside San Joaquin River Watershed Coalition (Westside Coalition)

- b. List any Management Plans previously developed or currently under development.

A Westside Management Plan (General Approach) was developed in October 2008. More detailed information on the General Approach management plan can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/water_quality/coalitions/westside_sjr/surface_water/mgmt_plans_rvws/westside_mp_23oct08_final.pdf.

A focused Management Plan for Poso Slough and Salt Slough was developed in September 2011 targeting pesticide and toxicity reductions. More detailed information on these management plans and review can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/water_quality/coalitions/westside_sjr/surface_water/mgmt_plans_rvws/westside_2011sep30_fpjii.pdf.

- c. List ILRP representative monitoring sites that are located in or downstream from the study area boundary. Provide a summary of historic and current monitoring activities for each site.

There are three monitoring sites that are located in or immediately downstream from SLCC's district boundary:

- Salt Slough at Lander Avenue (SSALA)
- Salt Slough at Sand Dam (SSASD)
- Poso Slough at Indiana Avenue (PSAIA)

Table 2 and 3 summarizes historic and current monitoring activities, respectively, for each site. Please refer to the Waste Discharge Requirement (WDR) for the Westside Coalition and monitoring plans for an explanation of each type of monitoring activity and constituents analyzed for each type of activity. These items can be found

at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/water_quality/coalitions/westside_sjr/index.shtml.

3. For areas not covered by the ILRP, list any known or suspected water quality concerns including elevated background concentrations in surface or groundwater supplies. *Website links may be provided in lieu of answering this question.*

N/A

Table 2 Summary of ILRP Historic Monitoring Activities in or downstream of SLCC District

Periods	Monitoring Site	Site Code	Irrigation (Mar-Aug)	Non-Irrigation (Sep-Feb)	Rain Event (2x per year)
Mar 2009- Feb 2011	Poso Slough at Indiana Avenue	PSAIA	Core	Core	Rain
	Salt Slough at Lander Avenue	SSALA	Core + Special	Core + Special	Rain
	Salt Slough at Sand Dam	SSASD	Special		Rain
March 2011- Feb 2012	Poso Slough at Indiana Avenue	PSAIA	Assessment	Assessment	Rain
	Salt Slough at Lander Avenue	SSALA	Assessment	Assessment	Rain
	Salt Slough at Sand Dam	SSASD	Assessment	Assessment	Rain
March 2012- Feb 2014	Poso Slough at Indiana Avenue	PSAIA	Core	Core	Rain
	Salt Slough at Lander Avenue	SSALA	Core + Special	Core + Special	Rain
	Salt Slough at Sand Dam	SSASD	Special		Rain
March 2014- Feb 2015	Poso Slough at Indiana Avenue	PSAIA	Assessment	Assessment	Rain
	Salt Slough at Lander Avenue	SSALA	Assessment	Assessment	Rain
	Salt Slough at Sand Dam	SSASD	Assessment	Assessment	Rain

Table 3 Summary of ILRP Current/Future Monitoring Activities in or downstream of SLCC District

“Three-year cycle consisting of Assessment monitoring during one year, and Targeted monitoring during years two and three based on the monitoring history and in-depth knowledge of agricultural practices” (Central Valley Water Board 2015).

Monitoring Site	Site Code	Irrigation (Mar-Aug)	Non-Irrigation (Sep-Feb)	Rain Event (2x per year)
Poso Slough at Indiana Avenue	PSAIA	X		X
Salt Slough at Lander Avenue	SSALA	X	X	X
Salt Slough at Sand Dam	SSASD	X		X

II. Applicant Monitoring

If the Applicant has a monitoring program (aside from ILRP), provide information for questions 1-3. *Website links may be provided in lieu of answering these questions.*

1. Summarize existing monitoring locations with identifying number or name; parameters measured; frequency period of anticipated sampling (e.g. 2014-2016; ongoing; etc.); purpose or goal of monitoring (e.g. inlets, outlets, etc.); and the location of resulting data (if available).

The following tables (3-6) summarize current San Luis Canal Company monitoring information. Sampling sites are categorized inlets, outlets, company and private deep wells, and canals. The period of anticipated sampling is ongoing. Resulting data is stored at SLCC's district office.

Table 3 Monitoring Sites, Parameters and Frequency of Key Entry Points into District

Inlets	Map Labels	Flow	Stage	EC	B	P	NO3-N
Arroyo Canal at Head	1	R	R	R	Q		
Poso Slough	2	R	R	R	Q		
San Juan Drain	3	R	R	R	Q		
Wood Slough	4	R	R	R	Q		

Table 4 Monitoring Sites, Parameters and Frequency of Key Exit Points Out of District

Inlets	Map Labels	Flow	Stage	EC	B	P	NO3-N
Salt Slough at Sand Dam	5	R	R	R	M	M	M
Boundary Drain D/S of Patton Rd.	6	R	R	R	M	M	M
Muller Weir	7	R	R	R	M		
Hereford Drain D/S of Wolfsen Rd.	8			W			

Table 5 Monitoring Sites, Parameters and Frequency of Company and Private Deep Wells

Company and Private Deep Wells	Volume	EC	Ca	Mg	Na	SA R	Adj SAR	Cl	CO2 + HCO3	SO4	B	NO3-N	Fe	Mn	pH	LI	Se
	M	M	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y

2. Provide a map(s) showing the monitoring locations with identifying label (number or name) of all current and proposed water quality and/or flow monitoring points.

All monitoring locations with identifying labels are displayed in Figure 1 corresponding to map labels in Table 3 and 4.

3. Summarize available historic monitoring data including monitoring locations, parameters measured, number of analyses, inclusive dates of sampling, and location of data.

The following tables (7-9) summarize historic SLCC monitoring information. Sampling sites are categorized inlets, outlets, company and private deep wells. Historic resulting data is stored at SLCC's district office.

Table 7 Monitoring Sites, Parameters, Sampling Frequency and Periods of Inlets

Inlets	Flow (ac ft)	EC (mho/cm)	B (mg/L)	Se (mg/L)	Cr (mg/L)	Mo (mg/L)	Ni (mg/L)	Zn (mg/L)
Frequency	R	Q						
Arroyo Canal		Apr 1990-Jul 2014	Apr 1990-Jul 2014	Apr 1990-Apr 1999	Apr 1990-Oct 1992	Apr 1990-Oct 1992	Apr 1990-Oct 1992	Apr 1990-Oct 1992
Concentration Range		36-2800	ND-0.82	ND-0.006	<0.01-<0.05	<0.005	<0.01-<0.05	<0.01-<0.05
Poso Slough	Jan 2005-Dec 2014	Jan 1990-Aug 2014	Jan 1990-Jul 2014	Jan 1990-Jul 2014	Jan 1990-Oct 1992	Jan 1990-Oct 1992	Jan 1990-Oct 1992	Jan 1990-Oct 1992
Concentration Range	13-5269	310-2000	0.16-0.79	ND-0.004	<0.01-<0.05	<0.005-0.008	<0.01-<0.05	<0.01-0.08
San Juan Drain	Jan 2005-Dec 2014	Jan 1990-Aug 2015	Jan 1990-Jul 2015	Jan 1990-Apr 1999	Jan 1990-Jan 1993	Jan 1990-Jan 1993	Jan 1990-Jan 1993	Jan 1990-Jan 1993
Concentration Range	10-2273	260-1600	0.07-0.49	<0.002-0.005	<0.01-<0.05	<0.005-0.011	<0.01-<0.05	<0.01-0.03
Wood Slough	Jan 2005-Dec 2014	Jan 1990-Aug 2016	Jan 1990-Jul 2016	Jan 1990-Apr 2000	Jan 1990-Oct 1992	Jan 1990-Oct 1992	Jan 1990-Oct 1992	Jan 1990-Oct 1992
Concentration Range	19-3144	290-2000	ND-0.67	ND-0.004	<0.01-<0.05	<0.005-0.006	<0.01-<0.05	<0.01-0.02

Table 8 Monitoring Sites, Parameters, Sampling Frequency and Periods of Outlets

Outlets	Flow (ac ft)	EC (mho/cm)	B (mg/L)	Se (mg/L)	Cr (mg/L)	Mo (mg/L)	Ni (mg/L)	Zn (mg/L)	P (mg/L)	NO3-N (mg/L)
Frequency	R	M	M	M (Some Q)	Y (1990, 1992) and SA (1991)	SA	SA	SA	M	M
Salt Slough at Sand Dam	Jan 2007-Dec 2014	Jan 1990-Sep 2014	Jan 1990-Sep 2014	Jan 1990-Mar 2004	Sep 1990-Oct 1991	Apr 1990-Oct 1991	Apr 1990-Oct 1992	Apr 1990-Oct 1993	Jun 2001-Sep 2014	Jun 2001-Sep 2015
Concentration Range	113-5058	340-2300	0.11-0.72	ND-0.018	<0.01	<0.05	<0.01	<0.01	ND-9.0	ND-13.0
Boundary Drain D/S of Patton Rd.	Jan 2009-Dec 2014	Jan 1990-Sep 2014	Jan 1990-Sep 2014	Jan 1990-Mar 2004	Sep 1990-Oct 1992	Apr 1991-Oct 1992	Apr 1990-Oct 1993	Apr 1990-Oct 1994	Jun 2001-Sep 2014	Jun 2001-Sep 2014
Concentration Range	169-4400	430-3300	0.20-1.30	ND-0.004	<0.01	<0.005- <0.012	<0.01	<0.01-0.03	ND-2	ND-8.40
Muller Weir	Jan 2006-Dec 2014	Jan 1990-Sep 2014	Jan 1990-Sep 2014	Jan 1990-Mar 2004 (Q)					Jun 2001-Aug 2001 (SA)	Jun 2001-Nov 2006 (SA; some Y)
Concentration Range	3-1740	91-1600	ND-1.40	ND-0.024					ND	0.6-1.3

Table 9 Monitoring Sites, Parameters, Sampling Frequency and Periods of Company and Private Wells

Wells	Volume (ac ft)	EC (umho/cm)	Ca (meq/L)	Mg (meq/L)	Na (meq/L)	SAR	Adj SAR	Cl (meq/L)	CO3 + HCO3 (meq/L)	SO4 (meq/L)	B (mg/L)	NO3-N (mg/L)	Fe (mg/L)	Mn (mg/L)	pH (unit)	Se (ug/L)
Frequency	M	M	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y	2Y
Company and Private	Jan 2013-Dec 2013	Jan 2013-Dec 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014	Aug 2014
Concentration Range	1-202	475-1921	1.69-4.93	0.89-4.56	3.3-14.5	1.9-6.7	4.1-14.6	2.8-15.6	1.8-5.3	1.4-6.5	0.12-0.75	<0.1-0.5	<1.0	<0.2-1.9	6.8-8.1	0.21-2.10

NOTE:

R Real Time
Q Quarterly

Y Yearly
M Monthly

2Y Every 2 Years
SA Semi-annual

III. Cost of Drainage Water Management Programs

1. Estimates of the cost of participating in ILRP, if applicable.

FY 2014: Approximately 46,279 acres at \$4/Acre = \$185,116

2. Estimates of the cost of ongoing monitoring programs.

Total for Coalition

Monitoring:	\$700,000
Field Coordinators:	\$110,000
Total	\$810,000

SLCC portion of monitoring

46,279 acres / 378,942 acres = 12.2%

\$810,000 * (12.2%) = \$98,820

3. Estimated cost of this report.

N/A

D. References

Central Valley Regional Water Quality Control Board (Central Valley Water Board). 1992. Consideration of Water Body Designations to Comply with Provisions of the Water Quality Control Plan for Inland Surface Waters of California (ISWP) Staff Report.

Central Valley Water Board. 2015. Waste Discharge Requirement General Order for Growers Within the Western San Joaquin River Watershed That are Members of a Third-Party Group. Order R5-2014-0002-R2. Retrieved from Central Valley Water Board: http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2014-0002-r2.pdf.

Central Valley Water Board. 2016. Irrigated Lands Regulatory Program—Water Quality Coalition Submittals and Reviews. Available at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/water_quality/coalitions/westside_sjr/index.shtml.

San Luis Canal Company. Historic District Maps.

San Luis Canal Company. 1930-1960. Historic Construction and Modification Records.

U.S. Environmental Protection Agency and the U.S. Geological Survey. 2005. National Hydrography Dataset Plus – NHD Plus, Edition 1.0.

APPENDIX A1—TABLE 1 WATER BODY INFORMATION (CANALS)

Name of Primary Water Body or System	Name of All Individual Water Bodies that Make Up the Primary Water Body System	1992 Inland Surface Water Plan (ISWP)			National Hydrography Dataset (NHD) Water Body Feature Type	Type of Water Body (natural, modified or constructed)	Ag Dominated Water Body Category (from Flow Chart 1)	For constructed or modified			Length of Water Body Segment (miles)	Water Type (e.g. Supply Water only, Ag return flows, subsurface tile drainage water, municipal or industrial wastewater, stormwater)	Flow Characteristics		Water Body Maintenance Activities and Frequency
		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Arroyo Canal	Arroyo Canal	Arroyo Canal	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	18	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Belmont Ditch					Constructed	C1	Concretelined	1990s	Ag supply and drainage	2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Clark Ditch					Constructed	C1	Concretelined	1990s	Ag supply and drainage	0.3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Cocke Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Cowden Ditch	Cowden Ditch	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	North Toscano Ditch	Toscan Ditch North	C2	Earthlined	Canal/Ditch	Constructed	C1	Concretelined	2000s	Ag supply and drainage	4	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	North Toscano Ditch No. 1					Constructed	C1	Concretelined	2012	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Schmidt Ditch	Schmidt Ditch	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Toscano Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Toscano Ditch North Ext.					Constructed	C1	Earthlined	unknown	Ag supply and drainage	2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Arroyo Canal	West Willow Ditch	Willow Tree Ditch West	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.5	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Willow Ditch Extension					Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.5	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Temple-Santa Rita Canal	Bennett Ditch	Bennett Ditch	C2	Earthlined		Constructed	C1	Concretelined	1990s	Ag supply and drainage	0.3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Boundary Ditch					Constructed	C1	Concretelined	2000s	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Cement Lined Ditch					Constructed	C1	Concretelined	1950s	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Dairy Field Ditch No. 1				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Escano Ditch Br. 1	Escano Ditch Branch 1	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Escano Ditch Br. 2					Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Escano Ditch North Br.					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Highway Ditch					Constructed	C1	Concretelined	1950s	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Temple-Santa Rita Canal	Orchard Ditch Extension	Orchard Ditch Extension	C2	Earthlined	Canal/Ditch	Constructed	C1	Concretelined	1990s	Ag supply and drainage	3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Orchard Ditch No.2	Orchard Ditch No.3	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Red Tank Ditch	Red Tank	C2	Earthlined		Constructed	C1	Earthlined	1940s	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Santa Rita Orchard Ditch				Stream/River, Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	4	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Temple Santa Rita Canal Ext.	Temple Santa Rita Extension	C2	Earthlined		Constructed	C1	Concretelined	1990s	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Temple-Santa Rita Canal	Temple Santa Rita	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	12	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Pick Anderson	Loop Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Loop Ditch No. 1					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Loop Ditch No. 2					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Middle Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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Pick Anderson	Middle Ditch No. 1					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Middle Ditch No. 2					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	North Bypass Lift Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	P.A. # 31 Lift Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.4	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	River Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	South Bypass Lift Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	South Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	South P. A. Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
San Juan Canal	Carlucci Ditch				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Cement - Lined Ditch					Constructed	C1	Concretelined	2004	Ag supply and drainage	0.4	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A1—TABLE 1 WATER BODY INFORMATION (CANALS)

Name of Primary Water Body or System	Name of All Individual Water Bodies that Make Up the Primary Water Body System	1992 Inland Surface Water Plan (ISWP)			National Hydrography Dataset (NHD) Water Body Feature Type	Type of Water Body (natural, modified or constructed)	Ag Dominated Water Body Category (from Flow Chart 1)	For constructed or modified			Length of Water Body Segment (miles)	Water Type (e.g. Supply Water only, Ag return flows, subsurface tile drainage water, municipal or industrial wastewater, stormwater)	Flow Characteristics		Water Body Maintenance Activities and Frequency
		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
San Juan Canal	Coute Ditch	Coute Ditch	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Fagundes Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Juan No. 1 Canal	San Juan No. 1	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Juan Canal	San Juan	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	6	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Juan Canal Extension	San Juan Extension	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Delta No. 1 Canal	Delta No. 1 Canal	Delta No. 1	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	6	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M Ditch # 1					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M Ditch # 2					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Delta Canal	Boundary Lift Ditch					Constructed	C1	Concretelined	1960s	Ag supply and drainage	0.2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	County Road Ditch	County Road Ditch	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	2012	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A1—TABLE 1 WATER BODY INFORMATION (CANALS)

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Delta Canal	Dambrosia Ditch	Dambrosia	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Delta Canal	Delta Canal	C2	Earthlined, Concrete Lined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	10	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Delta Canal Extension				Canal/Ditch?	Constructed	C1	Concretelined	2012	Ag supply and drainage	0.3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Duni Ditch				Canal/Ditch	Constructed	C1	Concretelined	1990s	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Duni Ditch Branch A				Canal/Ditch	Constructed	C1	Concretelined	2004	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Duni Ditch Branch B					Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	East Delta Canal	East Delta Canal	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Eastside Canal					Constructed	C1	Concretelined	2012	Ag supply and drainage	3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Noble Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Pugliese Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A1—TABLE 1 WATER BODY INFORMATION (CANALS)

Name of Primary Water Body or System	Name of All Individual Water Bodies that Make Up the Primary Water Body System	1992 Inland Surface Water Plan (ISWP)			National Hydrography Dataset (NHD) Water Body Feature Type	Type of Water Body (natural, modified or constructed)	Ag Dominated Water Body Category (from Flow Chart 1)	For constructed or modified			Length of Water Body Segment (miles)	Water Type (e.g. Supply Water only, Ag return flows, subsurface tile drainage water, municipal or industrial wastewater, stormwater)	Flow Characteristics		Water Body Maintenance Activities and Frequency
		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Delta Canal	West Delta Branch No. 1	West Delta Canal Branch 1	C2	Earthlined	Canal/Ditch	Constructed	C1	Concretelined	1990s	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Delta Branch No. 2	West Delta Canal Branch 2	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Delta Canal	West Delta Canal	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	4	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Island Canal	Island "A" Canal	Island Canal "A"	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	4	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Island "B" Canal	Island Canal "B"	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	1.1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Island "C" Canal	Island Canal "C"	C2	Earthlined	Canal/Ditch	Constructed	C1	Concretelined	1990s	Ag supply and drainage	1.2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Island "D" Canal	Island Canal "D"	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Midway & San Pedro Canal	Alberti Ditch				Stream/River	Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Backer Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Cipriani Concrete - Lined Ditch					Constructed	C1	Concretelined	1960s	Ag supply and drainage	0.3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A1—TABLE 1 WATER BODY INFORMATION (CANALS)

Name of Primary Water Body or System	Name of All Individual Water Bodies that Make Up the Primary Water Body System	1992 Inland Surface Water Plan (ISWP)			National Hydrography Dataset (NHD) Water Body Feature Type	Type of Water Body (natural, modified or constructed)	Ag Dominated Water Body Category (from Flow Chart 1)	For constructed or modified			Length of Water Body Segment (miles)	Water Type (e.g. Supply Water only, Ag return flows, subsurface tile drainage water, municipal or industrial wastewater, stormwater)	Flow Characteristics		Water Body Maintenance Activities and Frequency
		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Midway & San Pedro Canal	Community Ditch	Community Ditch	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Guaspari - Laveglia Comm. Ditch				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Lone Tree Canal	Lone Tree Canal	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	8	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Lone Tree Spur				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.4	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Mackenzie Ditch	Mackenzie	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Midway - Highway Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	0.2	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Midway - San Pedro Intertie					Constructed	C1	Concretelined	1990s	Ag supply and drainage	0.1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Midway Canal	Midway Canal	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	7	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Parsley Ditch					Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Pedro Canal	San Pedro Canal	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	7	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A1—TABLE 1 WATER BODY INFORMATION (CANALS)

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Midway & San Pedro Canal	Swamp Ditch	MidwaySwamp Ditch?	C2	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag supply and drainage	3	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Swamp Ditch Branch No. 1	Midway Swamp Ditch Branch 1?	C2	Earthlined		Constructed	C1	Earthlined	unknown	Ag supply and drainage	1	Ag supply and return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A2—TABLE 1 WATER BODY INFORMATION (DRAINS)

Name of Primary Water Body or System	Name of All Individual Water Bodies that Make Up the Primary Water Body System	1992 Inland Surface Water Plan (ISWP)			National Hydrography Dataset (NHD) Water Body Feature Type	Type of Water Body (natural, modified or constructed)	Ag Dominated Water Body Category (from Flow Chart 1)	For constructed or modified			Length of Water Body Segment (miles)	Water Type (e.g. Supply Water only, Ag return flows, subsurface tile drainage water, municipal or industrial wastewater, stormwater)	Flow Characteristics/Flow Period		Water Body Maintenance Activities and Frequency
		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Belmont Drain	Belmont Drain	Belmont Drain	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	12	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Belmont Drain Extension North	Belmont Drain Extension	C1	Earthlined	Stream/River, Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Belmont Drain No. 1	Belmont Drain No.1	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M-20W - Delta Seep Ditch	M-20W Delta Seep D 1, 2, 3	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M-20W - Delta Seep Ditch Ext. # 1					Constructed	C1	Earthlined	unknown	Ag drainage	0.2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M-20W - Delta Seep Ditch Ext. # 2					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M-20W - Delta Seep Ditch Ext. # 3					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Miano Seep Drain	Miano Seep Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Plow Camp Drain	Plow Camp Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A2—TABLE 1 WATER BODY INFORMATION (DRAINS)

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Belmont Drain	Raven Drain	Raven Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Juan Seep Drain	San Juan Seep Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Spina S/D Br.					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Spina Seep Drain	Spina Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Tallant Drain					Constructed	C1	Earthlined	unknown	Ag drainage	0.6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Tallant Seep Drain	Tallent Seep Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Boundary Drain	Boundary Drain	Boundary Drain	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	10	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Derrick Drain	Derrick Drain	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Derrick Drain Ext.	Derrick Drain Extension	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A2—TABLE 1 WATER BODY INFORMATION (DRAINS)

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Boundary Drain	Guaspari Drain	Guasperi Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	H - R Willis Drain					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Knight Drain	Knight Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Mc Donald Drain	McDonald Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.9	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Parsley Ditch Spill					Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Sirse Drain	Sirsi Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.9	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	TL-6 Drain	TL-6 & TL-7 Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Urzanqui Drain	Urzonqui Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Boundary Drain No. 1	Boundary Drain No. 1	Boundary Drain 1	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A2—TABLE 1 WATER BODY INFORMATION (DRAINS)

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Boundary Drain No. 1	Boundary Drain No. 1 Br.					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Boxcar / Neves Drain	Boxcar/ Neves Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Brista Drain	Bristo Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Silva Drain					Constructed	C1	Earthlined	unknown	Ag drainage	0.2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Boundary Drain No. 5	Boundary Drain 5	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Boundary Drain No. 5-2	Boundary Drain 5-2	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Boundary Drain No. 5-2-2	Boundary Drain 5-2-2	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Cipriani Drain	Cipriani Drain	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Cipriani Drain Br. # 1	Cipriani Drain Br. 1	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Boundary Drain No. 1	Gilardi - Johnson Drain	Gilardi - Johnson Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Boundary Drain No. 7	Boundary Drain 7	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Hooper Drain	Hooper Drain	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Circle Island Drain	Circle Island Drain	Circle Island Drain	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Devon Drain	Borba Drain	Borba Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Devon Drain	Devon Drain	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Devon Drain Br. No. 1	Devon Drain Branch No. 1	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Lone Tree Seep Drain	Lone Tree Seep Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Panama Ditch	Panama Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A2—TABLE 1 WATER BODY INFORMATION (DRAINS)

Name of Primary Water Body or System	Name of All Individual Water Bodies that Make Up the Primary Water Body System	1992 Inland Surface Water Plan (ISWP)			National Hydrography Dataset (NHD) Water Body Feature Type	Type of Water Body (natural, modified or constructed)	Ag Dominated Water Body Category (from Flow Chart 1)	For constructed or modified			Length of Water Body Segment (miles)	Water Type (e.g. Supply Water only, Ag return flows, subsurface tile drainage water, municipal or industrial wastewater, stormwater)	Flow Characteristics/Flow Period		Water Body Maintenance Activities and Frequency
		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Hereford Drain	Hereford Drain				Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Hereford Drain Br. 1	Hereford Drain Br. 1 & 2	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Hereford Drain Br. 2					Constructed	C1	Earthlined	unknown	Ag drainage	0.6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Hereford Drain Br. 3					Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Hereford Drain Br. 4	Hereford Drain Br. 4	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Island "A" Spill					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Pick Anderson By-pass Drain	Lift Pump Slough	Lift Pump Slough	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Loop Drain No. 1					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Middle Drain	Middle Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Pick Anderson By-pass Drain	P. A. Drain Ext., - River Br.	Pick Anderson Dr Ex. Riv B	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	P. A. Drain No.1	Pick Anderson 1, 3, 4, 5	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	P.A. Drain No. 3					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	P.A. Drain No. 4					Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	P. A. Drain No. 5					Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	P. A. River Drain # 1				Pick Anderson River Dr 1	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows
	P. A. Seep Drain No. 2	Pick Anderson See Dr 2	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Pick Anderson By-pass Drain	Pick Anderson By-pass Dr	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Pick Anderson Drain	Pick Anderson Drain	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Pick Anderson By-pass Drain	River Drain No. 3					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	South Drain No. 1	South Drain No. 1 & 2	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	South Drain No. 2					Constructed	C1	Earthlined	unknown	Ag drainage	0.9	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	South P.A. Drain # 3					Constructed	C1	Earthlined	unknown	Ag drainage	0.0	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Poso Drain	Arroyo S/D					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Belmont Drain Cut Off				Stream/River, Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Belmont Drain Extension South					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Branco Drain	Branco Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Branco Drain No. 1	Branco Drain 1	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Poso Drain	Buie Drain	Buie Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Buie Drain Extension					Constructed	C1	Earthlined	unknown	Ag drainage	0.9	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Poso Drain				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	10	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Poso Slough				Stream/River	Modified	M1	Earthlined	unknown	Ag drainage	4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Poso Slough Drain Re-route					Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
Salt Slough	Dairy Field 10-11 Drain					Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Dairy Field Drain No. 2					Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Dairy Field Drain No. 3					Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	East Delta Drain				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A2—TABLE 1 WATER BODY INFORMATION (DRAINS)

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
Salt Slough	Intake S/D					Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Island B Seep Drain	Island B Seep Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Levee Drain	Levee Drain	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Orchard Ditch Ext. Spill					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Salt Slough	Salt Slough	B1	Earthlined	Stream/River	Modified	M1	Earthlined	unknown	Ag drainage	7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Salt Slough Ditch					Constructed	C1	Earthlined	unknown	Ag drainage	3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Salt Slough Drain	Salt Slough Drain	C1	Earthlined	Stream/River, Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Joaquin River Drain	San Joaquin River Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	South Dairy Field Drain					Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
San Juan Drain	Azevedo Drain	Azevedo Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Kaljjan Drain	Kaljjan Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Ledford Drain	Ledford Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Ledford Drain No. 1	Ledford Drain 1 & 1-1	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Lopes Drain	Lopes Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Lopes Drain Ext.	Lopes Drain Ext.	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M-22 Drain	M-22 Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M-22 J-39, 40 & 41 Drain					Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Juan Drain				Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	10	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
San Juan Drain	San Juan Drain No. 3	San Juan Drain No. 3	C1	Earthlined	Stream/River	Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Juan Drain No. 3 - North Br.	San Juan Drain 3-N & S	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Juan Drain No. 3 - South Br.					Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Sec. 14 Road Drain					Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Temple Santa Rita S/D					Constructed	C1	Earthlined	unknown	Ag drainage	0.9	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
West Delta Drain	Baffuna Drain					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Bisignani Drain					Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Bisignani Drain No. 2	Bisignani Drain 1 & 2	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Bisignani Drain No.1					Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
West Delta Drain	Crayne Drain	Crayne Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	D - 36 Drain	D-36 Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Dambrosia S/D					Constructed	C1	Earthlined	unknown	Ag drainage	0.2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Deep Well Road Drain	Deep Well Road Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Gun Club Drain	Gun Club Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	H - H Willis Drain				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M-2, D-6 & D-7 Drains	M-2 Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Pedro Drain	Pedro Drain	C1	Earthlined	Stream/River, Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	TL-7 Drain	TL-6 & TL-7 Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
West Delta Drain	Vieira Drain	Viera Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.7	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Delta Drain	West Delta Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Delta Drain Br. No. 1					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Delta Drain Br. No. 2					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Delta Drain Branch "A"	West Delta Drain Br. A	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Delta Drain No. 2	West Delta Drain No. 2	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Delta Seep Drain No. 1	West Delta Seep Drain 1	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
West San Juan Drain	Delta 1 Spill 1					Constructed	C1	Earthlined	unknown	Ag drainage	0.2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	M-20-W Drain No. 1	M-20 W Drain No. 1 & 2	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
West San Juan Drain	M-20-W Drain No. 2					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	North San Juan No. 1 S/D					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	San Juan 1 Spill					Constructed	C1	Earthlined	unknown	Ag drainage	0.2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	South San Juan No. 1 S/D					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	W. San Juan Silva Branch Drain				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West San Juan Carlucci Drain					Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West San Juan Carlucci Drain No. 1					Constructed	C1	Earthlined	unknown	Ag drainage	0.9	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West San Juan Drain	West San Juan Drain	C1	Earthlined	Stream/River, Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West San Juan Drain Ext.	West San Juan Drain Ext.	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

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		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
West San Juan Drain	West San Juan Drain No. 1	West San Juan Drain 1	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West San Juan Drain No. 1-1					Constructed	C1	Earthlined	unknown	Ag drainage	0.3	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West San Juan Drain No. 1-2					Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West San Juan Drain No. 1-3				Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West San Juan Drain Reroute					Constructed	C1	Earthlined	unknown	Ag drainage	0.8	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Willis Drain	Willis Drain	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
West Santa Rita Drain	Auxiliary Drain	Auxiliary Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	1	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Christiana Drain	Christiana Drain Br. 1	C1	Earthlined	Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Elgin Co-op Drain	Elgin Co-op Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX A2—TABLE 1 WATER BODY INFORMATION (DRAINS)

Name of Primary Water Body or System	Name of All Individual Water Bodies that Make Up the Primary Water Body System	1992 Inland Surface Water Plan (ISWP)			National Hydrography Dataset (NHD) Water Body Feature Type	Type of Water Body (natural, modified or constructed)	Ag Dominated Water Body Category (from Flow Chart 1)	For constructed or modified			Length of Water Body Segment (miles)	Water Type (e.g. Supply Water only, Ag return flows, subsurface tile drainage water, municipal or industrial wastewater, stormwater)	Flow Characteristics/Flow Period		Water Body Maintenance Activities and Frequency
		Water Body	Ag Dominated Water Body Category	Type of Construction				Type of Construction or Modification (e.g. earthlined, concrete)	Year of Construction or Modification	Purpose(s) of Construction or Modification			Non-irrigation Season	Irrigation Season	
West Santa Rita Drain	Escano Drain	Escano Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	2	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	Fialho Drain	Fialho Drain	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	North Escano Drain					Constructed	C1	Earthlined	unknown	Ag drainage	0.4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Santa Rita Drain	West Santa Rita Drain	C1	Earthlined	Stream/River, Canal/Ditch	Constructed	C1	Earthlined	unknown	Ag drainage	4	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Santa Rita Drain Branch No. 1					Constructed	C1	Earthlined	unknown	Ag drainage	0.6	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed
	West Santa Rita Drain By-pass	West Santa Rita Dr By-Pass	C1	Earthlined		Constructed	C1	Earthlined	unknown	Ag drainage	0.5	Ag return flows	No flow	Feb. - Oct. varied flow	periodic dredging as needed

APPENDIX B—PHOTOGRAPHS OF HYDRO-MODIFICATIONS IN WATER BODIES

Arroyo Canal –Bertao Lift



Eastside Canal—Concrete Lined and Pumping Plant



Pick Anderson 3-5 –Pumping Plant and Pipes



Poso Slough –Pumping Plant and Concrete Structure-Backup Weir



Poso Slough and Salt Slough—Pipes



Santa Rita Canal –Long Crested Weir

