

Appendix D-3 : WESTSIM model input data file for stream reaches. Stream reaches are numbered relative to WESTSIM stream node numbers and are not the same reaches described in Appendix D-1. Note that Figures 38 and 39 refer to stream reaches 19 and 20. Reach 19 (Appendix D-3) is Reach 1 (Appendix D-1) located between the Tuolumne and Stanislaus Rivers and Reach 20 (Appendix D-3) is downstream of Vernalis and the current DSM-2 model.

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C*****
C***
C
C      INTEGRATED GROUND AND SURFACE WATER MODEL  (IGSM)
C
C-----
C
C      STREAM GEOMETRY DATA FILE
C
C-----
C
C      Project:  Westsim Model, US Bureau of Reclamation
C              Western San Joaquin Valley, California
C      Filename: ws_strm.dat 01/26 Los Banos Creek 5/15 Added
C              Note: Los Banos Creek joins to SJ River in model to
C      avoid
C                      re-numbering stream nodes (N. Quinn)
C*****
C***
C      File Description:
C
C      This data file contains all of the stream node and stream geometry data
C      used in the model. Each reach of a stream/river is listed by the stream
C      node
C      and corresponding groundwater nodes. Also, a rating table is listed for
C      each stream node.
C*****
C***
C      Number of Diversion and Stream Reaches
C
C      NR;   Number of stream reaches modeled
C      NRTB; Number of data points in stream rating tables
C
C-----
C      VALUE          DESCRIPTION
C-----
C      24             / NR
C      7              / NRTB
C*****
C***
C      Stream reach descriptions
C
C      The following lists the stream nodes and corresponding groundwater
C      nodes for each stream reach modeled.
C
C      ID;   Reach number
C      IBUR; First upstream stream node of reach
C      IBDR; Last downstream node of reach
C      IDWN; Stream node into which reach flows into
C
C      In addition, for each stream node within the reach the corresponding
C      groundwater node and subregion number is listed.

```

C  
 C IRV; Stream node  
 C IGW; Corresponding groundwater node  
 C IRGST; Corresponding subregion number

C-----  
 ---  
 C REACH 1 - FRESNO SLOUGH @ S.F. KINGS RIVER - STINSON WEIR  
 C Reach Upstream Downstream Outflow  
 C Node Node Node  
 C ID IBUR IBDR IDWN  
 C-----  
 ---  
 C 1 1 9 10  
 C-----

C-----  
 ---  
 C Stream Groundwater Subregion  
 C node node number  
 C IRV IGW IRGST  
 C-----

---  
 C 1 2198 55  
 C 2 2140 55  
 C 3 2118 55  
 C 4 2094 55  
 C 5 2044 55  
 C 6 2025 55  
 C 7 1992 55  
 C 8 1943 55  
 C 9 1923 53  
 C-----

C-----  
 ---  
 C REACH 2 - FRESNO SLOUGH @ STINSON WEIR>JAMES BYPASS - FRESNO SLOUGH  
 C Reach Upstream Downstream Outflow  
 C Node Node Node  
 C ID IBUR IBDR IDWN  
 C-----

---  
 C 2 10 32 48  
 C-----

C-----  
 ---  
 C Stream Groundwater Subregion  
 C node node number  
 C IRV IGW IRGST  
 C-----

---  
 C 10 1923 53  
 C 11 1895 53  
 C 12 1856 53  
 C 13 1834 53  
 C 14 1807 53  
 C 15 1787 53  
 C 16 1766 53  
 C 17 1734 53  
 C 18 1722 53  
 C 19 1703 53  
 C 20 1669 52  
 C 21 1661 52  
 C 22 1640 52  
 C 23 1612 52  
 C 24 1598 52  
 C 25 1578 52  
 C 26 1557 52  
 C 27 1538 52  
 C 28 1519 52  
 C 29 1495 52  
 C 30 1481 52  
 C 31 1452 52  
 C-----

```

32      1451      51
C-----
---
C      REACH 3 - FRESNO SLOUGH - JAMES BYPASS
C      Reach  Upstream  Downstream  Outflow
C            Node      Node        Node
C      ID     IBUR      IBDR       IDWN
C-----
---
3       33       47       48
C-----
---
C      Stream  Groundwater  Subregion
C      node   node         number
C      IRV    IGW          IRGST
C-----
---
33      1745      53
34      1720      53
35      1701      53
36      1668      53
37      1658      53
38      1623      53
39      1609      52
40      1594      52
41      1575      52
42      1553      52
43      1535      52
44      1518      52
45      1494      52
46      1480      52
47      1451      51
C-----
---
C      REACH 4 - FRESNO SLOUGH - SJ RIVER
C      Reach  Upstream  Downstream  Outflow
C            Node      Node        Node
C      ID     IBUR      IBDR       IDWN
C-----
---
4       48       57       58
C-----
---
C      Stream  Groundwater  Subregion
C      node   node         number
C      IRV    IGW          IRGST
C-----
---
48      1451      51
49      1439      50
50      1420      48
51      1401      48
52      1380      48
53      1347      48
54      1339      47
55      1325      47
56      1305      47
57      1279      47
C-----
---
C      REACH 5 - SJ RIVER - SACK DAM
C      Reach  Upstream  Downstream  Outflow
C            Node      Node        Node
C      ID     IBUR      IBDR       IDWN
C-----
---
5       58       78       79
C-----

```

```

---
C Stream Groundwater Subregion
C node node number
C IRV IGW IRGST
C-----

```

```

58 1279 47
59 1265 32
60 1245 32
61 1233 32
62 1222 32
63 1202 32
64 1181 32
65 1158 32
66 1128 32
67 1117 32
68 1104 32
69 1105 32
70 1085 32
71 1086 32
72 1066 32
73 1027 32
74 1012 32
75 1013 32
76 1001 32
77 982 32
78 961 32

```

```

C-----
C REACH 6 - SJR SACK DAM - SAND SLOUGH CNTRL
C Reach Upstream Downstream Outflow
C Node Node Node
C ID IBUR IBDR IDWN
C-----

```

```

6 79 90 91

```

```

C-----
C Stream Groundwater Subregion
C node node number
C IRV IGW IRGST
C-----

```

```

79 961 32
80 940 32
81 941 32
82 921 32
83 902 32
84 883 32
85 864 32
86 842 32
87 826 32
88 807 32
89 783 32
90 769 32

```

```

C-----
C REACH 7 - SJR @ SAND SLOUGH - BEAR CREEK
C Reach Upstream Downstream Outflow
C Node Node Node
C ID IBUR IBDR IDWN
C-----

```

```

7 91 110 111

```

```

C-----
C Stream Groundwater Subregion
C node node number

```

C	IRV	IGW	IRGST
C			
---			
---			
91	769		24
92	741		24
93	729		24
94	708		24
95	689		24
96	669		24
97	668		24
98	639		24
99	633		24
100	615		24
101	598		24
102	573		23
103	561		23
104	530		23
105	520		23
106	502		23
107	474		20
108	475		20
109	467		20
110	449		20

C	REACH 8 - SJR @ BEAR CK - SALT SLOUGH			
C	Reach	Upstream	Downstream	Outflow
C		Node	Node	Node
C	ID	IBUR	IBDR	IDWN
C				
---				
---				
8	111	114	115	

C	Stream	Groundwater	Subregion
C	node	node	number
C	IRV	IGW	IRGST
C			
---			
---			
111	449		20
112	432		20
113	416		20
114	388		20

C	REACH 9 - SALT SLOUGH - SJR			
C	Reach	Upstream	Downstream	Outflow
C		Node	Node	Node
C	ID	IBUR	IBDR	IDWN
C				
---				
---				
9	157	173	115	

C	Stream	Groundwater	Subregion
C	node	node	number
C	IRV	IGW	IRGST
C			
---			
---			
157	667		24
158	652		24
159	627		24
160	626		24
161	613		24
162	596		24
163	579		24
164	559		23
165	528		23

166	518	20
167	501	23
168	485	20
169	465	20
170	435	20
171	425	20
172	415	20
173	388	20

C

C REACH 10 - SJR @ SALT SLOUGH - SJR @ MUD SLOUGH

C	Reach	Upstream Node	Downstream Node	Outflow Node
C	ID	IBUR	IBDR	IDWN

C

10	115	119	120
----	-----	-----	-----

C

C	Stream node	Groundwater node	Subregion number
C	IRV	IGW	IRGST

C

115	388	19
116	383	19
117	373	14
118	353	14
119	347	14

C

C REACH 11 - MUD SLOUGH - SJR

C	Reach	Upstream Node	Downstream Node	Outflow Node
C	ID	IBUR	IBDR	IDWN

C

11	174	185	120
----	-----	-----	-----

C

C	Stream node	Groundwater node	Subregion number
C	IRV	IGW	IRGST

C

174	498	21
175	484	21
176	462	21
177	434	21
178	423	21
179	424	21
180	413	21
181	399	19
182	382	19
183	372	19
184	361	14
185	347	14

C

C REACH 12 - LOS BANOS CREEK TO SJ RIVER

C	Reach	Upstream Node	Downstream Node	Outflow Node
C	ID	IBUR	IBDR	IDWN

C

12	252	278	120
----	-----	-----	-----

C

C Stream Groundwater Subregion  
 C node node number  
 C IRV IGW IRGST  
 C-----

```

---
252      654      33
253      670      33
254      655      33
255      656      33
256      644      33
257      620      12
258      621      12
259      605      12
260      606      12
261      592      12
262      567      12
263      553      21
264      538      21
265      514      21
266      515      21
267      496      21
268      471      21
269      460      21
270      444      21
271      422      21
272      411      21
273      387      21
274      381      14
275      371      14
276      360      14
277      346      14
278      347      14
  
```

C-----  
 C REACH 13 - SJR @ MUD SLOUGH - SJR @ MERCED R  
 C Reach Upstream Downstream Outflow  
 C Node Node Node  
 C ID IBUR IBDR IDWN  
 C-----

```

---
13      120      122      123
  
```

C-----  
 C Stream Groundwater Subregion  
 C node node number  
 C IRV IGW IRGST  
 C-----

```

---
120      347      14
121      337      14
122      323      14
  
```

C-----  
 C REACH 14 - SJR @ MERCED - ORESTIMBA CREEK TUOLUMNE R  
 C Reach Upstream Downstream Outflow  
 C Node Node Node  
 C ID IBUR IBDR IDWN  
 C-----

```

---
14      123      127      128
  
```

C-----  
 C Stream Groundwater Subregion  
 C node node number  
 C IRV IGW IRGST  
 C-----

```

---
123      323      14
  
```

124	317	14
125	307	14
126	294	14
127	287	14

C-----

C REACH 15 - ORESTIMBA CREEK - SJ RIVER

C Reach	Upstream	Downstream	Outflow
C	Node	Node	Node
C ID	IBUR	IBDR	IDWN

C-----

15	234	244	128
----	-----	-----	-----

C-----

C Stream	Groundwater	Subregion
C node	node	number
C IRV	IGW	IRGST

C-----

234	295	13
235	288	13
236	289	13
237	296	15
238	290	15
239	291	12
240	283	12
241	284	12
242	285	12
243	286	12
244	287	14

C-----

C REACH 16 - SJR @ ORESTIMBA CREEK-DEL PUERTO CREEK

C Reach	Upstream	Downstream	Outflow
C	Node	Node	Node
C ID	IBUR	IBDR	IDWN

C-----

16	128	139	140
----	-----	-----	-----

C-----

C Stream	Groundwater	Subregion
C node	node	number
C IRV	IGW	IRGST

C-----

128	287	14
129	276	14
130	263	12
131	257	10
132	249	10
133	238	10
134	232	10
135	225	10
136	218	10
137	211	10
138	204	10
139	196	10

C-----

C REACH 17 - DEL PUERTO CREEK - SJ RIVER TUOLUMNE R

C Reach	Upstream	Downstream	Outflow
C	Node	Node	Node
C ID	IBUR	IBDR	IDWN

C-----

17	245	251	140
----	-----	-----	-----

```

C-----
C
C Stream Groundwater Subregion
C node node number
C IRV IGW IRGST
C-----
C
C 245 197 11
C 246 191 11
C 247 202 7
C 248 203 7
C 249 194 10
C 250 195 10
C 251 196 10
C-----
C
C REACH 18 - SJR @ DEL PUERTO CREEK - TUOLUMNE R
C Reach Upstream Downstream Outflow
C Node Node Node
C ID IBUR IBDR IDWN
C-----
C
C 18 140 146 147
C-----
C
C Stream Groundwater Subregion
C node node number
C IRV IGW IRGST
C-----
C
C 140 196 8
C 141 186 8
C 142 183 8
C 143 177 5
C 144 164 5
C 145 158 5
C 146 153 5
C-----
C
C REACH 19 - SJR @ TUOL - STANISLAUS R
C Reach Upstream Downstream Outflow
C Node Node Node
C ID IBUR IBDR IDWN
C-----
C
C 19 147 152 153
C-----
C
C Stream Groundwater Subregion
C node node number
C IRV IGW IRGST
C-----
C
C 147 153 5
C 148 145 5
C 149 136 5
C 150 128 5
C 151 120 5
C 152 112 5
C-----
C
C REACH 20 - SJR @ STANISLAUS R - OUT
C Reach Upstream Downstream Outflow
C Node Node Node
C ID IBUR IBDR IDWN
C-----
C
C 20 153 156 0

```

```

C-----
C
C Stream Groundwater Subregion
C node node number
C IRV IGW IRGST
C-----
C
C 153 112 5
C 154 102 5
C 155 103 5
C 156 95 5
C-----

```

```

C-----
C REACH 21 - LITTLE PANOCHE CREEK
C Reach Upstream Downstream Outflow
C Node Node Node
C ID IBUR IBDR IDWN
C-----
C
C 21 186 192 0
C-----

```

```

C-----
C Stream Groundwater Subregion
C node node number
C IRV IGW IRGST
C-----
C
C 186 1002 36
C 187 984 36
C 188 985 36
C 189 986 36
C 190 987 37
C 191 988 37
C 192 1019 37
C-----

```

```

C-----
C REACH 22 - PANOCHE CREEK
C Reach Upstream Downstream Outflow
C Node Node Node
C ID IBUR IBDR IDWN
C-----
C
C 22 193 205 0
C-----

```

```

C-----
C Stream Groundwater Subregion
C node node number
C IRV IGW IRGST
C-----
C
C 193 1234 49
C 194 1235 49
C 195 1224 49
C 196 1236 49
C 197 1237 49
C 198 1225 49
C 199 1238 49
C 200 1209 49
C 201 1223 49
C 202 1210 46
C 203 1211 46
C 204 1212 46
C 205 1213 46
C-----

```

```

C-----
C REACH 23 - CANTUNA CREEK
C Reach Upstream Downstream Outflow
C Node Node Node
C-----

```

```

C   ID       IBUR       IBDR       IDWN
C-----
C   23       206       212       0
C-----
C   Stream   Groundwater   Subregion
C   node     node         number
C   IRV      IGW         IRGST
C-----
C   206      1641       49
C   207      1642       49
C   208      1643       49
C   209      1672       49
C   210      1673       49
C   211      1663       49
C   212      1674       49
C-----
C   REACH 24 - LOS GATOS CREEK
C   Reach   Upstream   Downstream   Outflow
C   Node    Node        Node         Node
C   ID      IBUR       IBDR       IDWN
C-----
C   24      213       233       0
C-----
C   Stream   Groundwater   Subregion
C   node     node         number
C   IRV      IGW         IRGST
C-----
C   213      1874       56
C   214      1897       56
C   215      1945       56
C   216      1965       56
C   217      1997       56
C   218      2048       61
C   219      2065       61
C   220      2120       61
C   221      2130       61
C   222      2146       61
C   223      2173       61
C   224      2174       61
C   225      2175       49
C   226      2230       49
C   227      2248       49
C   228      2249       49
C   229      2231       49
C   230      2209       49
C   231      2210       49
C   232      2232       49
C   233      2211       49

```

**San Joaquin River Index  
Water Year Hydrologic Classification**

Water Year	Unimpaired Runoff (1,000 A.F.)			Index	Classification
	April - July	Oct. - Mar.	0.2x PYI*		
1970					Above Normal
1971					Below Normal
1972					Dry
1973					Above Normal
1974					Wet
1975					Wet
1976					Critical
1977					Critical
1978					Wet
1979					Above Normal
1980					Wet
1981					Dry
1982					Wet
1983					Wet
1984					Above Normal
1985					Dry
1986					Wet
1987					Critical
1988					Critical
1989					Critical
1990				1,514	Critical
1991	2,360	553	303	1,829	Critical
1992	1,870	855	366	1,659	Critical
1993	5,560	2,495	332	4,167	Wet
1994	1,830	665	833	2,064	Critical
1995	7,450	3,665	413	5,616	Wet
1996	4,440	2,570	900	4,078	Wet
1997	3,930	5,715	816	4,317	Wet
1998	5,820	2,825	863	4,920	Wet
1999	3,550	1,900	900	3,410	Above Normal
2000	December 1, 1999 Estimate 75% Exceedence			2,200	Dry
2000	January 1, 2000 Estimate 75% Exceedence			1,800	Critical
2000	January 18, 2000 Estimate 75% Exceedence			1,900	Critical
2000	February 1, 2000 Estimate 75% Exceedence			2,300	Dry
2000	February 15, 2000 Estimate 75% Exceedence			2,600	Below Normal
2000	March 1, 2000 Estimate 75% Exceedence			3,300	Above Normal
2000	April 1, 2000 Estimate 75% Exceedence			3,100	Below Normal
2000	May 1, 2000 Estimate 90% Exceedence			3,430	Above Normal
2000	May 9, 2000 Estimate 90% Exceedence			3,570	Above Normal

Regional Board says AN

\* - A cap of 4.5 MAF is placed on the previous years index to account for required flood control reservoir releases during wet years. (Changed from .9 to 4.5 per CDEC)

The San Joaquin River Index includes the Stanislaus, Tuolumne, Merced, and San Joaquin Rivers.

Index Classification	
Runoff (1000 af)	
0 to <=2100	Critical
>2100 to <=2500	Dry
>2500 to <=3100	Below Normal
>3100 to <3800	Above Normal
>= 3800	Wet

Forecast Available: <http://cdec.water.ca.gov/cgi-progs/fodir/WSI>

Source: McGahan, written comm., 2000: WYINDEX.WB2, Regional Board 1994.

**APPENDIX F : Property information for potential appropriative and riparian diverters on the East side of the San Joaquin River.**

**Appendix F  
Riparian Properties on Eastside of San Joaquin River**

1/15/02

River Mile	APN	Acres	Land Use	County	Owner	Latitude 37 deg./min.	Longitude 121 deg./min.
39.70	145-020-04	162.28	NT	SJ	Stockton Port District	57.10	20.00
39.90	145-020-13			SJ	Joan Devon Brown Tr	57.00	20.20
40.00	145-020-07	9.32	NT	SJ	Stockton Port District	56.80	20.20
40.10	145-020-14		NT	SJ	Stockton Port District	56.80	20.30
40.30	145-020-08	107.18	NT	SJ	Stockton Port District	56.70	20.40
41.20	145-030-09	247.37	NT	SJ	Stockton Port District	56.30	20.10
41.30	163-330-01		NT	SJ	BNSF RR	56.20	20.00
41.30	163-330-02	8.65	NT	SJ	BNSF RR	56.20	20.00
41.60	163-330-03	46.68	NT	SJ	City of Stockton	56.10	19.70
41.80	163-340-09	27.56		SJ	Heitman Holdings	56.00	19.60
42.00	163-340-10	0.00		SJ	Heitman Holdings	55.80	19.60
42.20	163-020-33	5.91	NT	SJ	City of Stockton Econ Dev	55.70	19.50
42.80	163-070-35	77.72		SJ	Forward Inc.	55.30	19.20
42.80	163-070-36	192.71	NT	SJ	City of Stockton Golf	55.30	19.20
43.10	164-020-01	84.00		SJ	Kristin McFall et al	55.10	19.20
43.20	164-020-03	36.08		SJ	Kristin McFall et al	55.00	19.20
43.40	164-060-65	2.45		SJ	LBL L-Suncal Western LLC	54.90	19.30
43.50	164-040-49	0.00		SJ	LBL L-Suncal Western LLC	54.80	19.40
43.70	164-030-03	54.54		SJ	Pleasant Valley Investments	54.70	19.50
44.00	166-340-54	0.00	NT	SJ	City of Stockton	54.40	19.30
44.20	166-030-23	29.44		SJ	Home Builders Inc	54.20	19.40
44.30	166-030-05	43.66	A	SJ	Fumiko Asano	54.10	19.50
44.40	166-030-28	60.48		SJ	Schuler Homes of CA	54.00	19.50
44.80	166-020-01	106.95	A	SJ	William Long et al	53.80	19.60
45.20	166-020-05	178.25	A	SJ	Marguerite Calcagno	53.50	19.60
45.50	166-020-04	337.25	A	SJ	Marguerite Calcagno	53.30	19.80
45.70	191-300-01	32.90	A	SJ	Melvin Young	53.20	19.80
45.90	191-300-18	81.27	A	SJ	Raymond Calcagno et al	52.90	19.90
46.20	191-300-17	1.51	NT	SJ	San Joaquin County	52.80	19.90
46.30	191-300-16	73.06		SJ	William Long et al	52.70	19.90
47.00	191-290-01	362.78	A	SJ	Albert R. Muller	52.20	19.70
47.30	191-280-23	75.93	A	SJ	Cecil Rodgers et ux	52.00	19.60
47.40	191-280-22	2.86	A	SJ	Cecil Rodgers et ux	51.90	19.50
47.50	191-280-26	5.10		SJ	Dale Johnson et ux	51.90	19.40
47.60	191-280-16	1.60		SJ	Velma Jacopetti	51.80	19.30
47.65	191-280-15	0.70		SJ	Clinton Marshal et al	51.80	19.30
47.70	191-280-25	8.38		SJ	Pete Paulsen et ux	51.80	19.20
47.70	191-280-29	43.33		SJ	Clinton Marshall et al	51.80	19.20
47.70	191-280-13	1.45		SJ	Jerry Power et ux	51.80	19.20
48.00	191-280-11	40.49		SJ	Norma Quattrin et al	51.70	19.00
48.30	191-280-10	49.49	A	SJ	Rio Blanco Ranch	51.40	19.10
48.60	191-270-01	98.50		SJ	Lary Matlock et ux	51.20	19.20

Subtotal 2,697.83

River Mile	APN	Acres	Land Use	County	Owner	Latitude 37 deg./min.	Longitude 121 deg./min.
48.60	191-270-12	10.00		SJ	Harvey Lawrence et al	51.20	19.20
48.70	191-270-13	108.00	A	SJ	Harvey Lawrence et al	51.20	19.40
49.20	191-270-10	21.65		SJ	Jimmy Robinson	50.80	19.40
49.40	191-270-21	93.39	A	SJ	Monte McFall	50.70	19.20
50.20	191-220-04	99.10	A	SJ	Alice Widmer	50.30	18.90
50.40	191-220-06	15.20		SJ	Genoveva Leal	50.10	18.80
50.50	191-220-41	0.50	NT	SJ	San Joaquin County	50.00	18.70
50.50	191-220-22	5.00		SJ	S & F Aurelio et al	50.00	18.70
50.60	191-220-21	9.00	NT	SJ	State of Calif.	49.90	18.60
50.80	191-220-47	11.77		SJ	Carroll Stanley et al	49.80	18.60
51.20	191-210-04	130.01	A	SJ	Michael Robinson	49.50	18.60
51.60	191-210-05	272.27	A	SJ	Michael Robinson	49.30	19.00
52.30	191-200-01	231.83		SJ	Barbara Terry et al	49.00	18.80
52.50	191-200-02	39.41	A	SJ	J W Silveira et ux	48.90	19.00
53.50	191-190-01	190.59	A	SJ	J W Silveira	48.50	19.50
54.40	191-190-02	84.55		SJ	Barbara Terry et al	48.20	18.70
54.60	191-190-06	50.00		SJ	Mildred Tholke et al	48.00	18.70
54.70	191-190-03	5.79		SJ	Joel Tinker	47.90	18.70
54.80	191-190-05	20.49		SJ	Thomas Osborn et ux	47.80	18.70
54.80	191-190-16	10.35		SJ	William Darden et ux	47.80	18.70
55.30	241-020-01	10.27		SJ	Lathrop Assoc.	47.70	18.50
55.40	241-020-09	26.31		SJ	Marie Vallentyne	47.80	18.40
55.45	241-020-08	0.25		SJ	LOF Glass Inc	47.70	18.30
55.70	241-020-22	30.21		SJ	Angie Queirolo	47.50	18.30
56.00	241-020-33	13.16		SJ	Anthony Queirolo et ux	47.40	18.40
56.10	241-020-34	3.39		SJ	Anthony Queirolo et ux	47.30	18.40
56.20	241-020-17	4.80	NT	SJ	San Joaquin County	47.20	18.30
56.40	241-020-11	62.70		SJ	Crossroads Crea Investors, Met. Life Ins. Co	47.00	18.20
56.80	241-030-03	161.42		SJ	Roorda & Cowart Farms	46.80	18.00
56.90	241-020-09	154.00		SJ	Vernalis Partners Ltd	46.70	18.00
57.00	241-030-10	117.66		SJ	Vernalis Partners Ltd	46.70	17.90
57.10	241-040-14	24.03		SJ	Vernalis Partners	46.60	18.00
57.30	241-040-13	34.00		SJ	National American Corp, Two River Resort	46.50	18.20
57.50	241-040-09	68.19	A	SJ	Mizuno Farms	46.30	18.10
58.50	241-060-02	304.21	A	SJ	Mizuno Farms	45.70	17.80
59.50	241-060-01	76.00		SJ	Mizuno Farms	45.80	18.40
60.60	241-070-01	417.31	A	SJ	Denis Babson et ux	45.10	18.10
61.30	241-070-03	18.60	A	SJ	Johnnie Ray Cardoza et al	45.00	17.50
61.40	241-070-06	60.06	A	SJ	Johnnie Ray Cardoza et al	44.90	17.50
61.70	241-080-06	138.77	A	SJ	Alexander Hildebrand	44.70	17.30
61.80	241-080-07	49.60	A	SJ	Mizuno Farms	44.60	17.20
61.90	241-080-04	138.36	A	SJ	Mizuno Farms	44.00	17.50
62.20	241-080-05	215.73		SJ	Eddy Jo Cardoza et al	44.40	17.80
62.70	241-090-02	105.70	A	SJ	Anthony Dutra	43.90	17.70

63.20	241-090-06	91.09	SJ	Dutra Farms	43.60	17.90
	Subtotal	3,734.72				

<b>River</b>	<b>Mile</b>	<b>APN</b>	<b>Acres</b>	<b>Land Use</b>	<b>County</b>	<b>Owner</b>	<b>Latitude 37 deg./min.</b>	<b>Longitude 121 deg./min.</b>
	63.30	241-090-08	14.00	NT	SJ	South Delta WD	43.50	17.80
	63.40	241-090-07	4.50	NT	SJ	Banta Carbona ID	43.50	17.70
	64.10	241-100-01	60.50	A	SJ	Dutra Farms	43.00	17.40
	64.20	241-100-05	7.23	A	SJ	Dutra Farms	42.40	16.20
	65.00	241-100-04	115.15	NT	SJ	Calif DFG	42.50	16.70
	65.20	241-100-03	84.41	A	SJ	Dutra Farms	42.60	16.50
	65.60	241-100-02	101.36	A	SJ	Dutra Farms	42.80	16.50
	65.80	241-090-05	74.80	A	SJ	Dutra Farms	43.10	16.60
	66.20	241-350-25	12.93		SJ	Paul Coit	43.20	16.30
	67.00	241-360-03	360.62	A	SJ	Cardoza Home Ranch	43.20	15.60
	68.10	241-200-11	26.28	NT	SJ	Recl. Dist. 2064	47.60	18.70
	68.20	241-200-01	58.50		SJ	Eddy Cardoza et al	42.30	16.30
	68.30	241-200-02	5.74		SJ	Eddy Cardoza et al	42.20	16.40
	68.50	241-200-03	224.84	A	SJ	H. Stanley Mortensen et al	42.50	16.20
	68.60	241-200-10	8.22	NT	SJ	Recl. Dist 2064	42.20	16.30
	68.70	241-200-08	13.77	NT	SJ	Sac/SJ DD	42.10	16.40
	68.80	241-190-02	1.62	NT	SJ	Sac/SJ DD	42.00	16.40
	68.80	241-190-01	2.01	NT	SJ	Sac/SJ DD	42.00	16.40
	68.90	241-190-03	15.22	NT	SJ	San Joaquin City Office Ed.	41.80	16.30
	69.50	241-180-09	0.24	NT	SJ	Sac/SJ DD	41.40	16.20
	69.60	241-180-13	1.80	NT	SJ	Sac/SJ DD	41.30	16.30
	69.70	241-140-01	12.32		SJ	Bernice Riney	41.30	16.40
	70.00	241-140-02	17.83	NT	SJ	San Joaquin County	41.10	16.50
	70.10	241-140-05	0.00		SJ	Louis Shank et al	41.00	16.40
	70.50	241-180-15	81.75	NT	SJ	San Joaquin City Off Ed	41.20	16.10
	70.80	241-180-16	76.17	NT	SJ	San Joaquin City Off Ed	41.40	15.80
	71.10	241-180-06	128.25	A	SJ	Donald Moretti	41.20	15.60
	71.20	241-370-13	13.91		SJ	George Viera	41.20	15.50
	71.20	241-180-14	2.04	NT	SJ	Sac/SJ DD	41.20	15.50
	71.20	241-370-01	6.24	NT	SJ	San Joaquin City Off Ed	41.20	15.50
	71.30	241-370-12	8.11		SJ	George Viera	41.10	15.40
	71.30	241-370-15	30.64	NT	SJ	Sac/SJ DD	41.10	15.40
	71.50	241-370-06	44.53		SJ	William Meagher et al	41.00	15.40
	71.50	241-370-09	26.02	NT	SJ	Recl. Dist 2064	41.00	15.40
	71.80	241-370-07	12.55		SJ	Manteca Sportsmen	40.90	15.70
	72.40	257-070-18	2.02	NT	SJ	Sac/SJ DD	40.50	15.80
	72.50	257-070-20	281.44	A	SJ	RJM Enterprises	40.40	15.70
	73.40	257-070-21	12.88	NT	SJ	Sac/SJ DD	39.90	15.10
	74.30	257-070-19	116.06	A	SJ	RJM Enterprises	40.40	14.60
	74.50	257-090-13	5.00		SJ	Raymond Kamenichy	40.20	14.50
	74.50	257-070-14	38.71	A	SJ	RJM Enterprises	40.20	14.50
	74.60	257-090-22	31.08		SJ	Leroy Bernardo et ux	40.20	14.50
	74.65	257-090-24	8.85	NT	SJ	River Junction Recl. Dist.	40.10	14.50

74.70	257-090-12	33.30		SJ	Leroy Bernardo et ux	40.00	14.50
74.80	257-090-19	1.65	NT	SJ	Sac/SJ DD	40.00	14.50
	Subtotal	2,185.09					

River Mile	APN	Acres	Land Use	County	Owner	Latitude 37 deg./min.	Longitude 121 deg./min.
74.80	257-090-11	8.35		SJ	George Turkmany	40.00	14.50
74.90	257-090-09	4.94		SJ	George Turkmany	39.90	14.40
76.50	12-45-03	1,383.97		Stan	Robert Gallo	39.00	13.50
77.00	12-45-04	61.13	NT	Stan	USA	38.70	13.50
77.70	12-45-05	66.19		Stan		38.30	13.30
78.30	12-46-01	4.20	NT	Stan	Hetch Hetchy Water/Power	38.20	12.90
78.50	12-46-02	122.40	NT	Stan	USA	38.00	12.80
80.10	12-45-06	10.70		Stan		0.00	0.00
80.70	12-46-18	27.87		Stan	Old Fishermans Club	38.20	11.40
81.40	12-46-19	65.88	NT	Stan	USA	0.00	0.00
83.20	12-46-17	144.67	NT	Stan	USA	0.00	0.00
	Subtotal	1,900.30					
	Total	10,517.94					

**APPENDIX G : Property information for potential appropriative and riparian diverters on the East side of the San Joaquin River.**

**Appendix G  
Riparian Properties on Westside of San Joaquin River**

1/15/02

River Mile	APN	Acres	Land Use	County	Owner	Latitude	Longitude
						37 deg./min.	121 deg./min.
39.30	162-030-03	8.46		SJ	Monte Vista Weber Bus. Park	57.2	20.5
40.20	162-030-01	1,351.03	NT	SJ	USA	56.7	20.4
41.50	162-140-01	504.59	NT	SJ	City of Stockton	56.5	20.3
42.20	162-150-01	1.99		SJ	Mario & Alison Jacques	55.7	19.6
42.40	162-150-02	67.88	A	SJ	Mabel Moitoso	0	0.0
42.60	162-150-03	46.10	A	SJ	Lindley Echmann et ux	55.4	19.3
42.80	162-150-04	4.87	A	SJ	John Braas	55.3	19.1
42.90	162-150-07	23.45	A	SJ	Henry Muller	55.2	19.1
43.00	162-150-08	23.96	A	SJ	Henry Muller	55.1	19.1
43.30	162-150-10	7.24		SJ	Willard Collins	55	19.3
43.40	162-150-11	22.25		SJ	Willard Collins	55.1	19.4
43.70	162-160-01	125.84	A	SJ	Theodore Witt	54.6	19.5
43.90	162-160-02	16.02		SJ	Frederick Witt	54.4	19.5
44.20	162-160-04	31.00	A	SJ	Judith Baicao	54.3	19.5
44.50	162-160-03	60.00	A	SJ	Daniel Roza	54	19.6
44.60	162-110-07	59.56	A	SJ	Daniel Roza	53.9	19.6
44.80	162-110-09	35.76		SJ	Dante Nomellini	53.8	19.7
45.00	162-110-08	139.25	A	SJ	R G Ohm & B J Cotrs	53.6	19.7
45.30	162-100-01	103.23	A	SJ	R G Ohm & B J Cotrs	53.4	19.8
45.70	162-100-03	167.56		SJ	Thelma Saunders	53.2	19.8
46.10	191-110-04	50.61	A	SJ	Glenn Saunders	52.8	19.9
46.20	191-120-09	101.83	A	SJ	P G Ohm & R Vada	52.7	19.9
46.30	191-120-05	35.83	A	SJ	Ivan Cerri et al	52.7	19.8
46.40	191-120-06	35.93	A	SJ	Ivan Cerri et al	52.6	19.9
46.70	191-120-07	53.00		SJ	Ivan Cerri et al	52.4	19.9
47.30	191-140-01	251.90	A	SJ	Robinson Family	51.9	19.6
47.50	191-140-02	5.00		SJ		51.9	19.4
47.60	191-140-03	5.11		SJ		51.8	19.3
48.20	191-140-04	340.00	A	SJ	I N Robinson Jr	51.5	19.0
48.80	191-150-03	260.00	A	SJ	Ruth Axlund	51.2	19.3
49.50	191-150-04	166.00	A	SJ	RS Costa et al	50.7	19.2
49.80	191-150-05	99.08	A	SJ	R S Costa et al	50.5	19.1
50.00	191-160-02	173.00	A	SJ	Arnold Strecher et ux	50.3	19.0
50.30	191-160-03	205.00	A	SJ	Lynn Miller	50	18.8
50.50	191-170-03	187.28	A	SJ	Bernard Damele et al	49.9	18.7
50.70	191-170-07	54.78	A	SJ	Bernard Damele et al	49.8	18.6
51.50	191-180-03	70.05	A	SJ	J Braas et al	49.3	18.9
53.00	191-180-02	427.59		SJ	Jacquelyn Cordes et al	48.7	19.2
53.50	213-240-04	108.18	A	SJ	Califia LLC	48.5	19.5
53.50	213-240-01	70.77	A	SJ	Califia LLC	48.5	19.5
53.80	213-240-03	77.44	A	SJ	Califia LLC	48.4	19.2
53.80	213-240-02	193.08	A	SJ	Califia LLC	48.4	19.2
<b>Subtotal</b>		<b>5,771.50</b>					

River	APN	Acres	Land Use	County	Owner	Latitude 37 deg./min.	Longitude 121 deg./min.
54.50	213-310-01	354.84	A	SJ	Califia LLC	48	18.7
56.00	241-110-01	102.89	A	SJ	Mary Alegre	47.3	17.9
56.40	239-020-01	3.27		SJ	Mossdale Mobile Home Park	47	18.2
56.80	239-030-01	159.32		SJ	Mossdale Assoc PTP	46.8	18.0
57.50	239-030-05	10.00		SJ	Gail Hystad	46.3	18.2
57.70	239-030-09	92.30	A	SJ	Frank Alegre et ux	46.2	18.1
58.50	239-240-02	132.11		SJ	Mizuno Farms	45.6	17.8
59.00	239-240-01	36.72		SJ	Mizuno Farms	46.1	18.3
59.30	239-040-07	137.00		SJ	Thomas Pishos et al	46	18.5
59.50	239-040-02	2.78		SJ	Paradise Mutual Water Co.	45.8	18.5
60.30	239-130-03	616.91	A	SJ	Main Stone Corp (Pierre Perret)	45.3	18.3
60.60	239-140-05	598.40	A	SJ	Main Stone Corp (Pierre Perret)	45.1	18.2
61.00	239-140-06	63.90	A	SJ	John Eagle III et ux	45.1	17.8
61.80	239-140-03	49.20		SJ	John Eagle III et ux	44.6	17.5
62.10	239-140-04	71.60		SJ	Stephen Pellegri & Sons	44.4	17.7
62.30	239-160-09	102.40		SJ	Mary Silva et al	44.3	17.8
62.40	239-160-10	8.32	NT	SJ	Sac/SJ DD	44.2	17.8
62.50	239-160-11	17.80	NT	SJ	New Jerusalem DD	44.1	17.7
62.60	239-160-12	48.10		SJ	Maria Campass	44	17.7
63.20	239-160-18	209.64	A	SJ	Dorothy Applin et al	43.6	17.9
63.40	239-230-03	230.12	A	SJ	Union Safe Bank	43.5	17.7
63.60	239-230-06	9.25	NT	SJ	Banta Carbona ID	43.4	17.5
63.70	239-230-05	2.56	NT	SJ	Sac/SJ DD	43.3	17.5
64.50	241-380-02	444.68	A	SJ	Fred Douma et ux	42.8	17.0
66.00	241-380-08	32.10		SJ	SJ Open Space Fmld Tr, o/o Neumiller & F	43.2	16.4
66.50	241-380-07	318.80		SJ	F C Alegre et ux	43.3	16.0
68.20	241-380-05	23.20	NT	SJ	Sacramento/San Joaquin Drainage District	42.4	16.2
69.00	241-380-04	574.65	A	SJ	Marion McLeod et al	41.8	16.3
70.00	241-150-01	411.96		SJ	San Joaquin River Club	41	16.5
72.40	241-160-02	13.77		SJ	Amelia Fisk	40.5	15.8
72.50	241-160-04	27.63		SJ	Chemanoor Zachariah	40.4	15.7
72.90	241-170-06	66.26	A	SJ	William Ohm et ux	40.3	15.4
73.20	241-170-07	66.15	A	SJ	Steven Ohm et ux	40.1	15.2
73.50	241-170-08	66.37	A	SJ	Martin Fisk et al	39.9	15.0
74.00	241-170-03	86.00		AJ	Coddington Family	40.2	14.7
77.20	42372	919.32		Stan	William McCombs	39.1	13.9
77.30	42615	0.00		Stan	James Lopez	38.9	13.7
77.40	42634	156.80		Stan	Nasca Valley Inc.	38.8	13.7
78.30	13774	276.45	NT	Stan	USA	38.2	12.9
79.20	14504	363.50	NT	Stan	USA	37.7	12.7
80.50	12-46-03	776.70		Stan	J M Equip	38.3	11.6
83.00	42652	1,736.00	NT	Stan	USA	0	0.0
<b>Subtotal</b>		<b>9,419.77</b>					
<b>Total</b>		<b>15,191.27</b>					