



APPENDIX G

Appendix G, Table 1
 Site Descriptions for Water Temperature Monitoring Locations in the San Joaquin River and Delta as Part of the 2011 Vernalis Adaptive Management Program (VAMP)

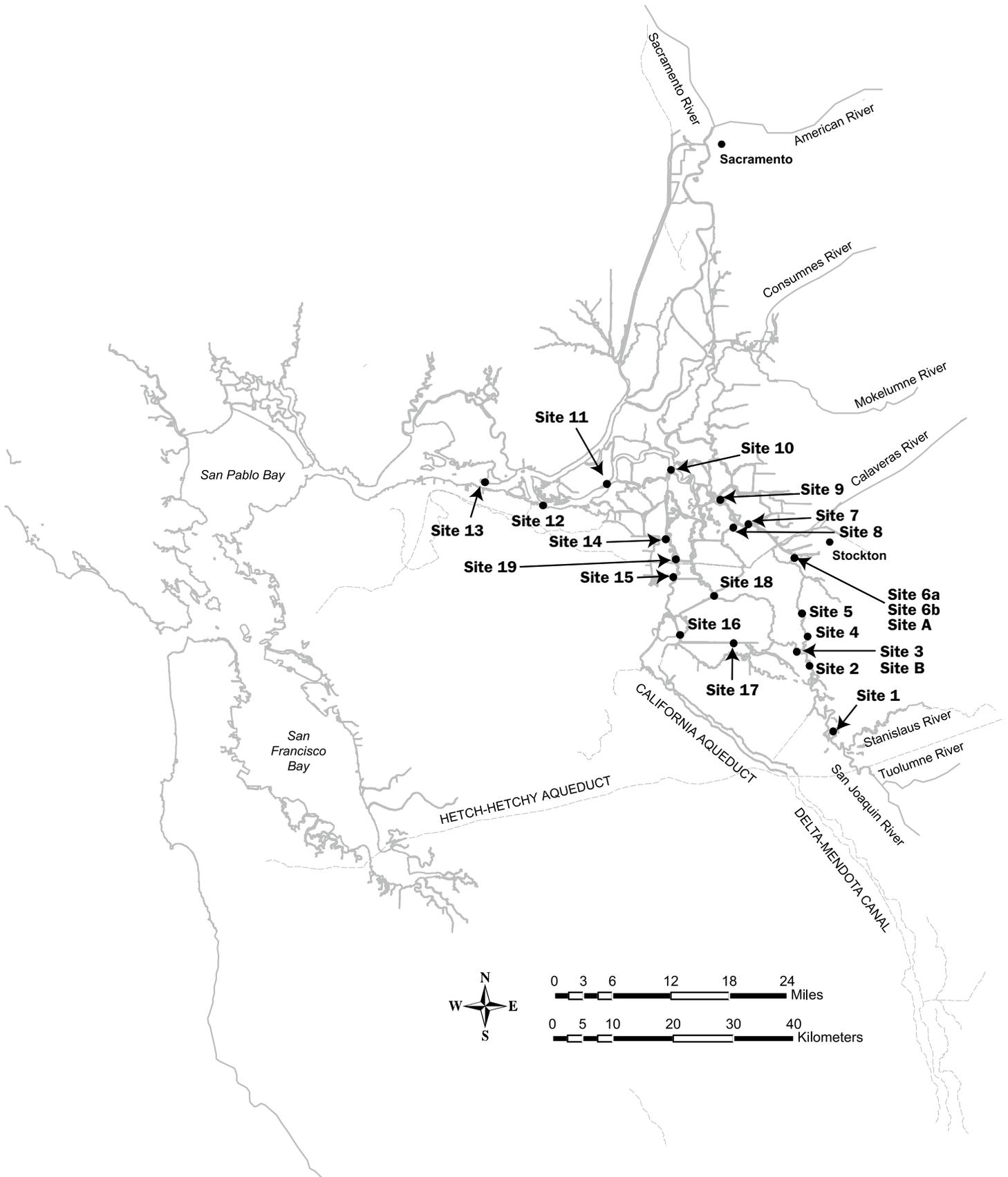
Site #	Logger Number	Temperature Monitoring Location	Latitude	Longitude	Date Deployed	Date Retrieved	Notes
A*	1292417	Merced River Fish Hatchery with acoustic tagged fish			2/18/2011	6/3/11	
B**	1259811	Merced River Fish Hatchery with control group fish			2/18/2011	6/3/11	
1	1284089	Durham Ferry	N 37 41.263	W 121 15.609	5/1/2011	6/30/2011	dewatered at times
2	1293985	Mossdale Landing	N 37 47.142	W 121 18.383	5/1/2011	6/30/2011	
3	1293994	Old River at HORB	N 37 48.633	W 121 19.232	5/1/2011	6/30/2011	dewatered at times
4	1293969	Dos Reis	N 37 49.956	W 121 18.791	5/1/2011	6/30/2011	dewatered at times
5	1284092	DWR Monitoring Station	N 37 51.874	W 121 19.388	5/1/2011	6/30/2011	at water surface
6a	1284085	Confluence - Top	N 37 56.817	W 121 20.293	5/1/2011	Not Retrieved	
6b	1293989	Confluence- Bottom	N 37 56.817	W 121 20.293	5/1/2011	Not Retrieved	
7	1259796	Upstream of Channel Marker 33	N 37 59.682	W 121 24.699	5/1/2011	6/30/2011	
8	1027498	Turner Cut - Channel Marker 21-22	N 38 00.339	W121 27.095	5/1/2011	6/30/2011	
9	1271941	"Q" Piling 1/2 mile upstream of Channel Marker 13	N 38 01.949	W 121 28.770	5/1/2011	Not Retrieved	
10	1293984	All Pro Abandoned Boat	N 38 04.497	W 121 34.399	5/1/2011	6/30/2011	
11	1271943	Jersey Point USGS Gauging Station	N 38 03.177	W121 41.623	5/1/2011	Not Retrieved	
12	1271938	Antioch Marina	N 38 01.370	W121 48.689	5/1/2011	6/30/11	
13	1259803	Chipps Island	N 38 03.011	W 121 55.038	5/1/2011	6/30/11	
14	1284084	Holland Riverside Marina	N 37 58.324	W 121 34.900	5/1/2011	Not Retrieved	
15	2400407	Old River / Indian Slough Confluence	N 37 54.985	W 121 34.038	5/1/2011	6/30/2011	
16	1292418	CCF Radial Gates	N 37 49.898	W 121 33.238	5/1/2011	6/30/2011	
17	1293975	Grant Line Canal at Tracy Blvd Bridge	N 37 49.194	W 121 26.988	5/1/2011	6/30/2011	
18	1027495	Union Pt.	N37 53.427	W121 29.359	5/1/2011	6/30/2011	
19	1284069	Werner Cut: Channel above Woodward Isle	N 37 56.381	W 121 32.467	5/1/2011	6/30/2011	

*Logger A was placed with acoustic tagged fish in the hatchery building

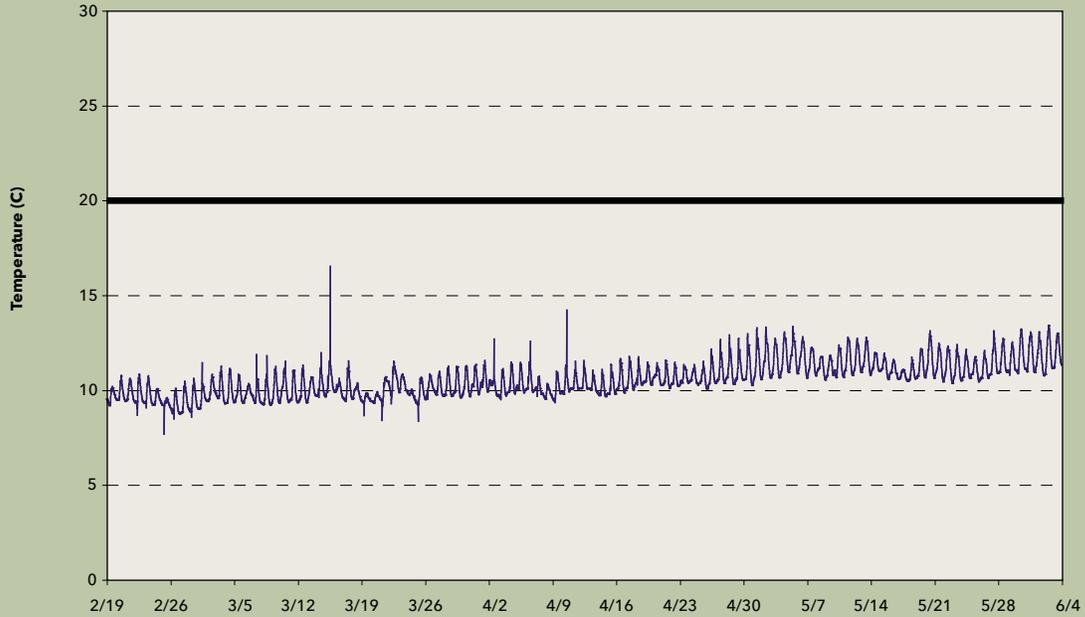
**Logger B was placed with control group fish in the outside hatchery nursery tanks

Appendix G, Figure 1

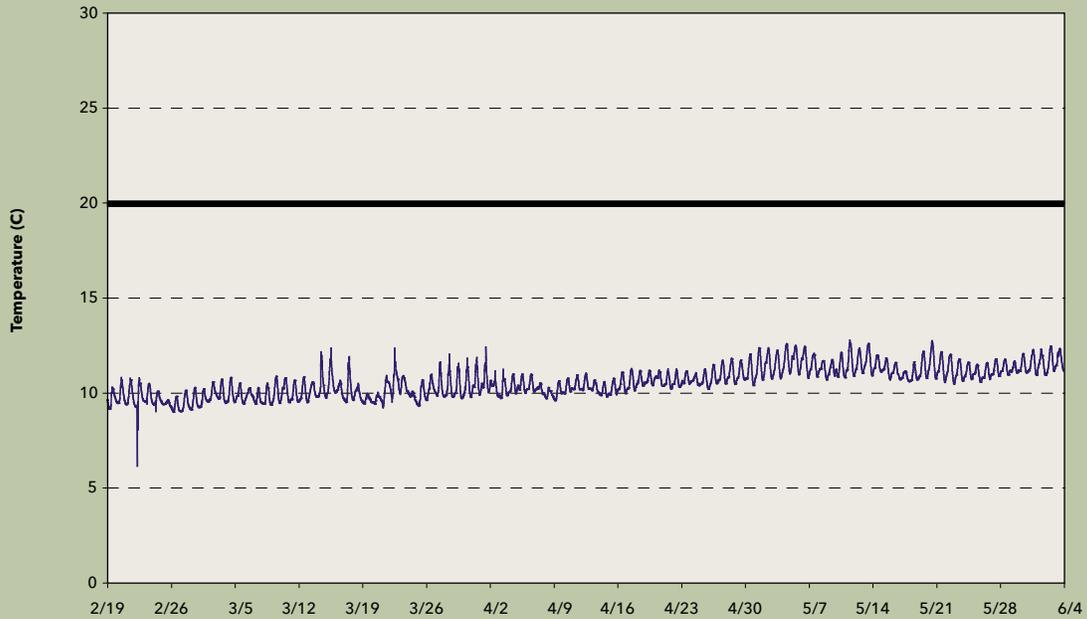
Overview of Water Temperature Monitoring Locations in the Lower San Joaquin River and Delta as Part of the 2011 Vernalis Adaptive Management Program (VAMP)



Appendix G, Figure 2
 Daily Water Temperature Fluctuations (°C) at the CDFG Merced River Fish Hatchery with the Fish Designated for Acoustic Tagging During the 2011 Vernalis Adaptive Management Program (VAMP)

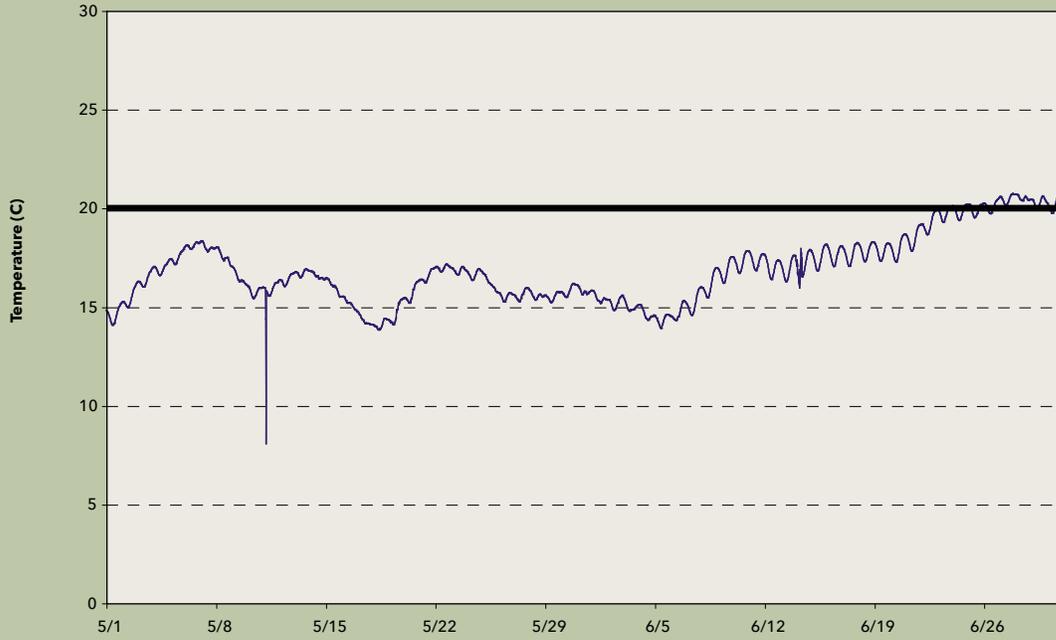


Appendix G, Figure 3
 Daily Water Temperature Fluctuations (°C) at the CDFG Merced River Fish Hatchery with the Control Group of Fish During the 2011 Vernalis Adaptive Management Program (VAMP)

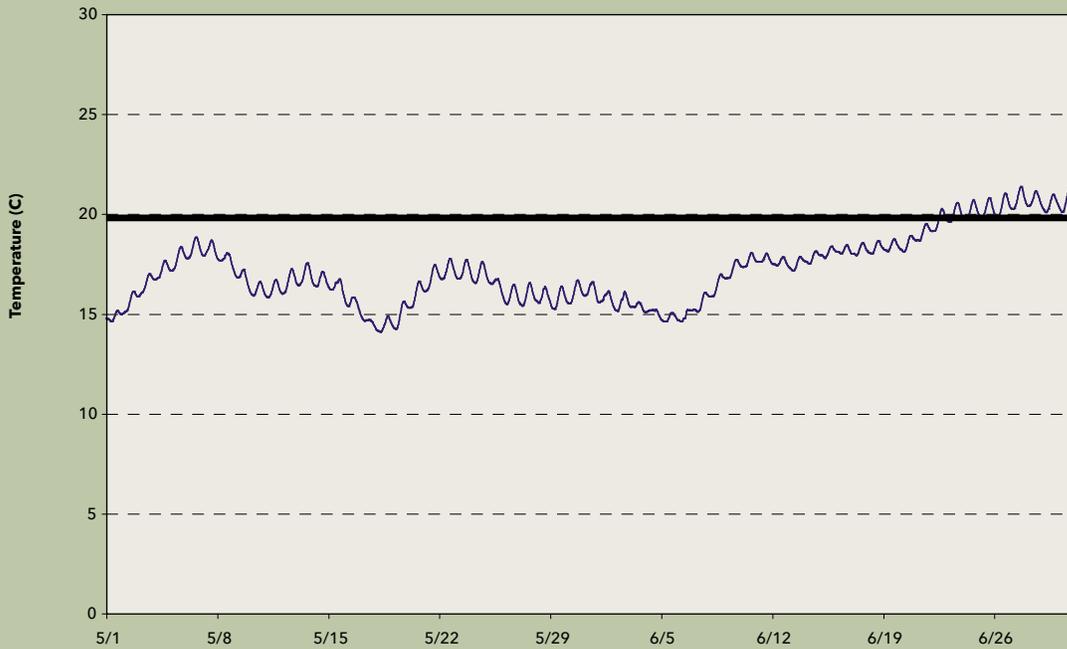


Appendix G, Figure 4
 Daily Water Temperature Fluctuations (°C) in the San Joaquin River at Durham Ferry
 During the 2011 Vernalis Adaptive Management Program (VAMP)

(Recorder may have been dewatered briefly during a one-hour period on 5/11/2012; also logger was dewatered at the time of retrieval due to lower flow)

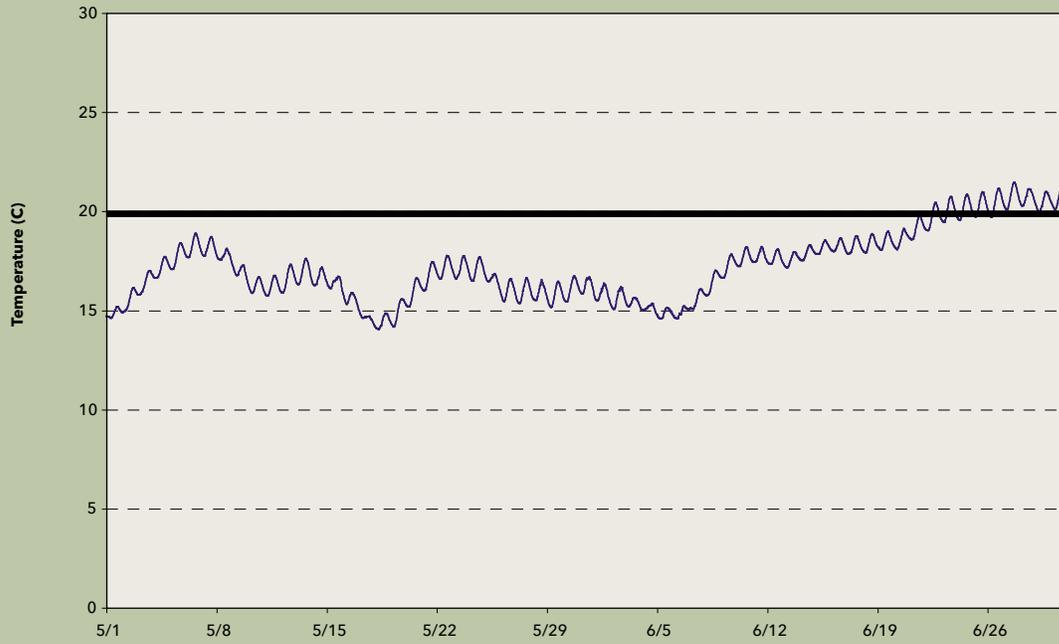


Appendix G, Figure 5
 Daily Water Temperature Fluctuations (°C) in the San Joaquin River at Mossdale Bridge
 During the 2011 Vernalis Adaptive Management Program (VAMP)



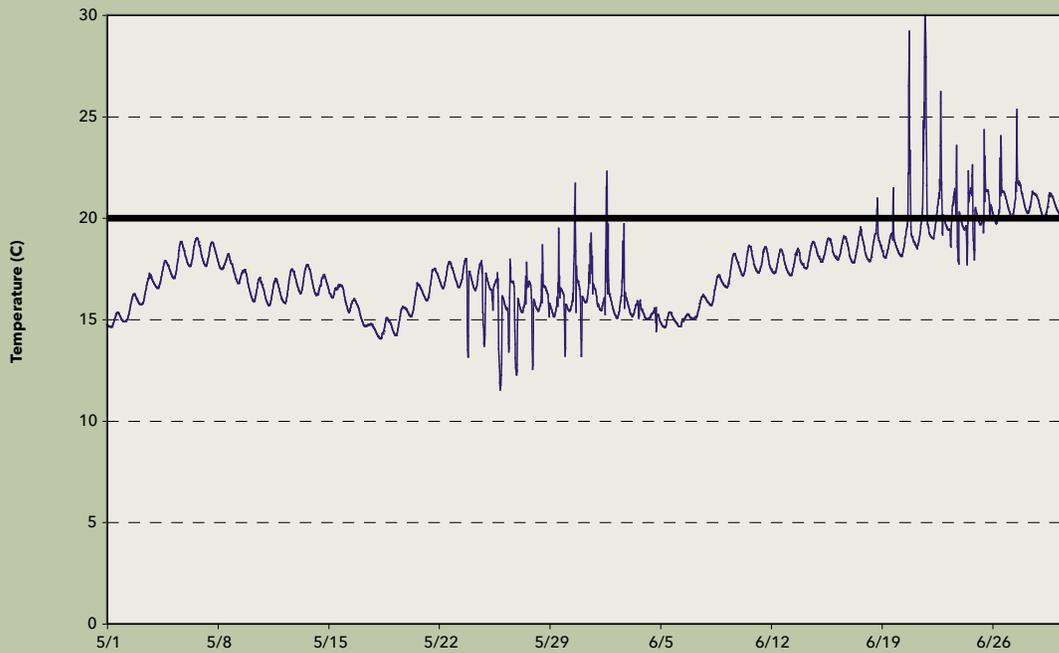
Appendix G, Figure 6
 Daily Water Temperature Fluctuations (°C) in Old River at the Head of Old River Barrier
 During the 2011 Vernalis Adaptive Management Program (VAMP)

(Recorder was dewatered at the time of retrieval)



Appendix G, Figure 7
 Daily Water Temperature Fluctuations (°C) in the San Joaquin River at Dos Reis
 County Park During the 2011 Vernalis Adaptive Management Program (VAMP)

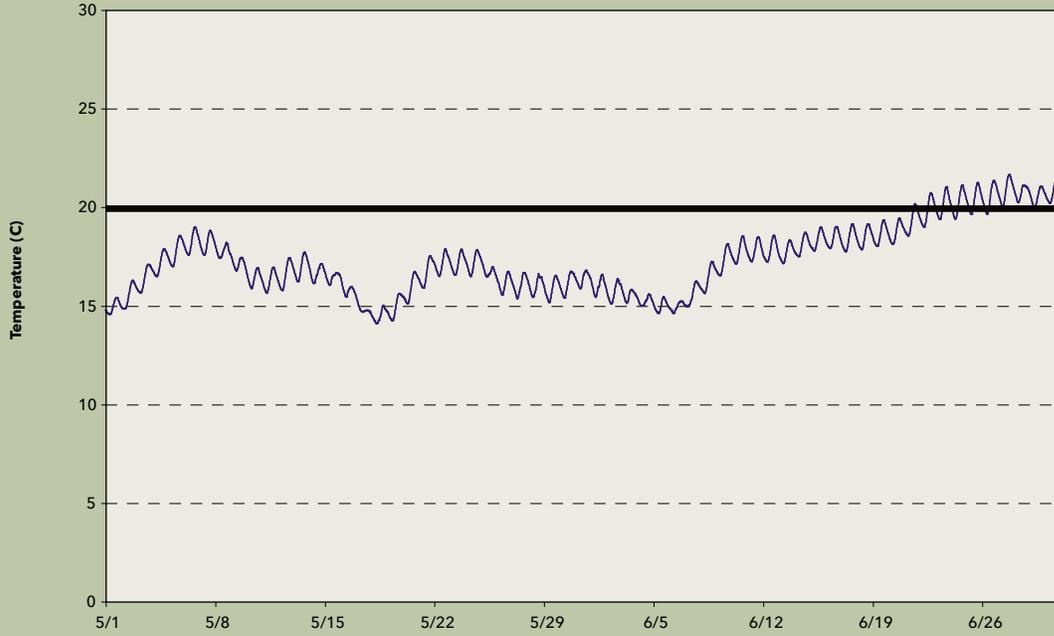
(Recorder was dewatered at the time of retrieval and data shows it may have been dewatered on numerous occasions)



Appendix G, Figure 8

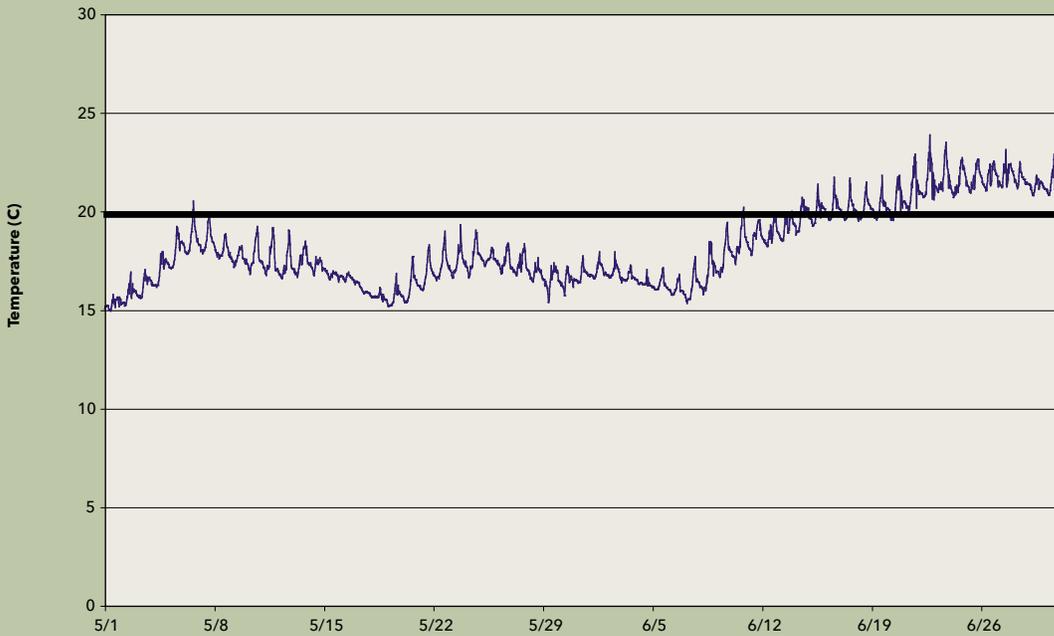
Daily Water Temperature Fluctuations (°C) in the San Joaquin River at the DWR Flow Monitoring Station Near Lathrop During the 2011 Vernalis Adaptive Management Program (VAMP)

(Recorder was found at the water surface on the day of retrieval)

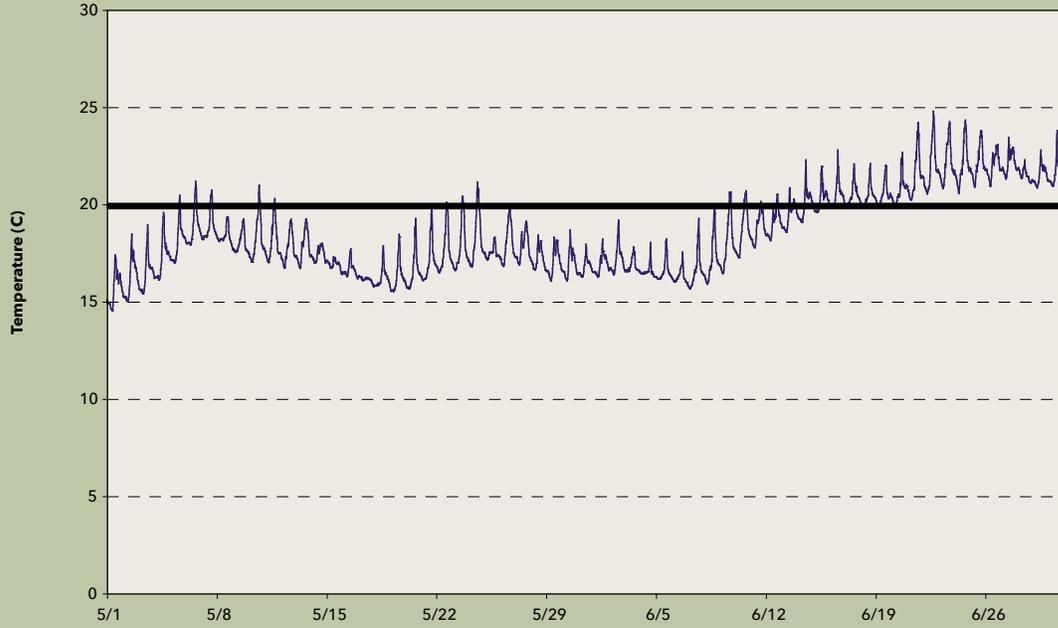


Appendix G, Figure 9

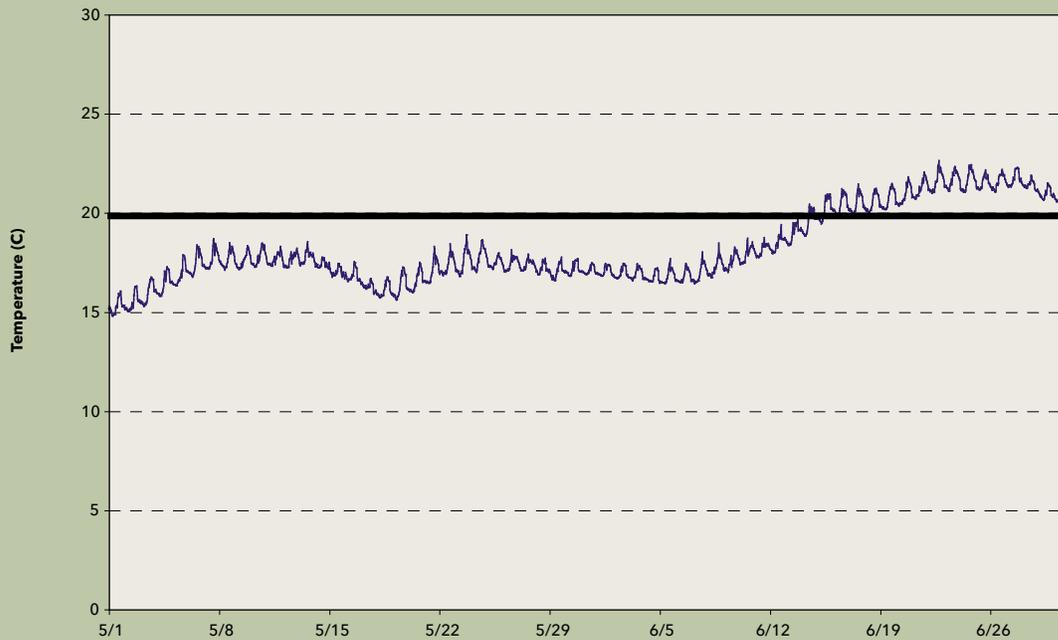
Daily Water Temperature Fluctuations (°C) in the San Joaquin River Upstream of Channel Marker No 33 During the 2011 Vernalis Adaptive Management Program (VAMP)



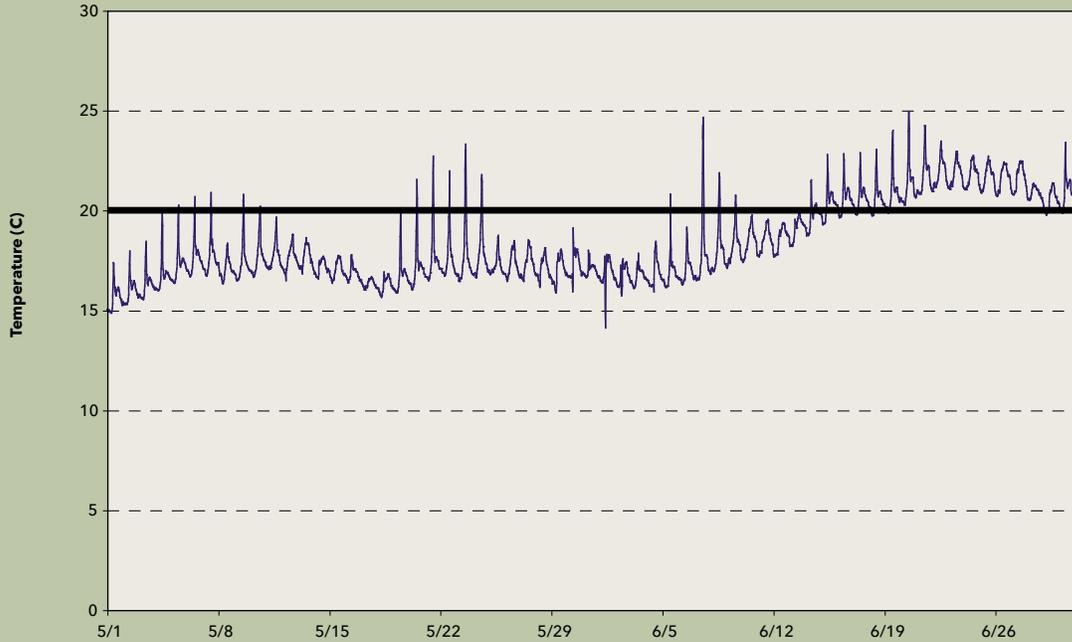
Appendix G, Figure 10
 Daily Water Temperature Fluctuations (°C) in the San Joaquin River at Turner Cut (Channel Marker 21-22) During the 2011 Vernalis Adaptive Management Program (VAMP)



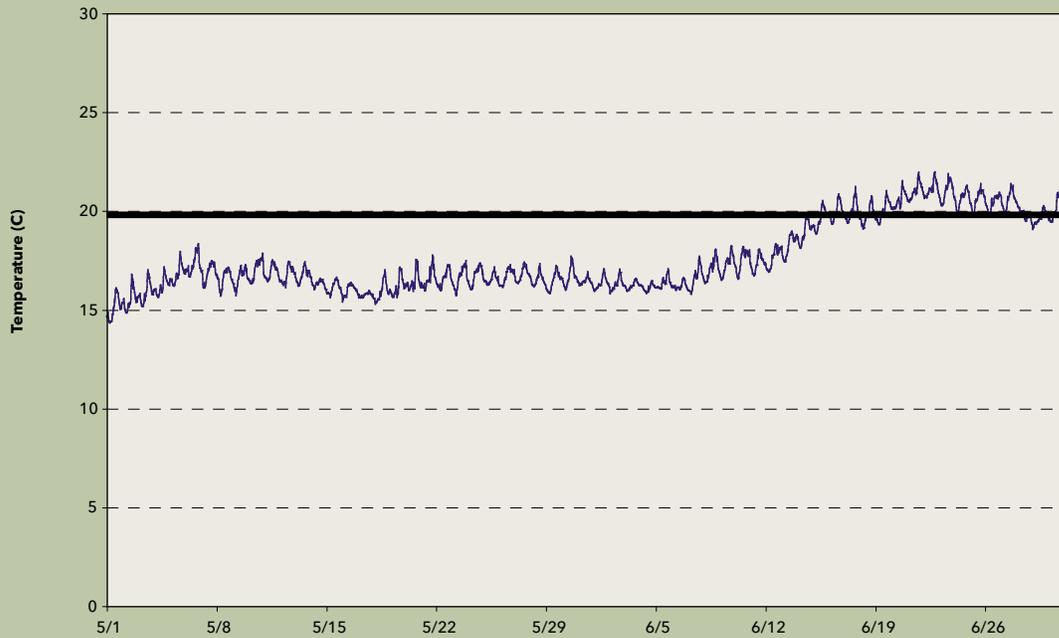
Appendix G, Figure 11
 Daily Water Temperature Fluctuations (°C) in the San Joaquin River at the All Pro Abandoned Boat During the 2011 Vernalis Adaptive Management Program (VAMP)



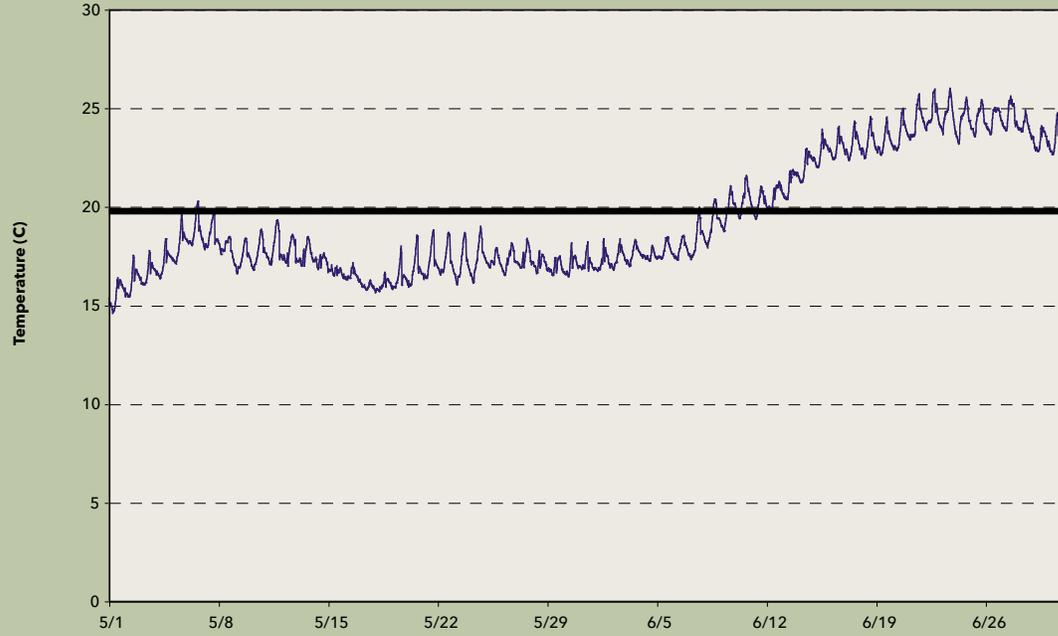
Appendix G, Figure 12
 Daily Water Temperature Fluctuations (°C) in the San Joaquin River Near the Antioch Marina During the 2011 Vernalis Adaptive Management Program (VAMP)



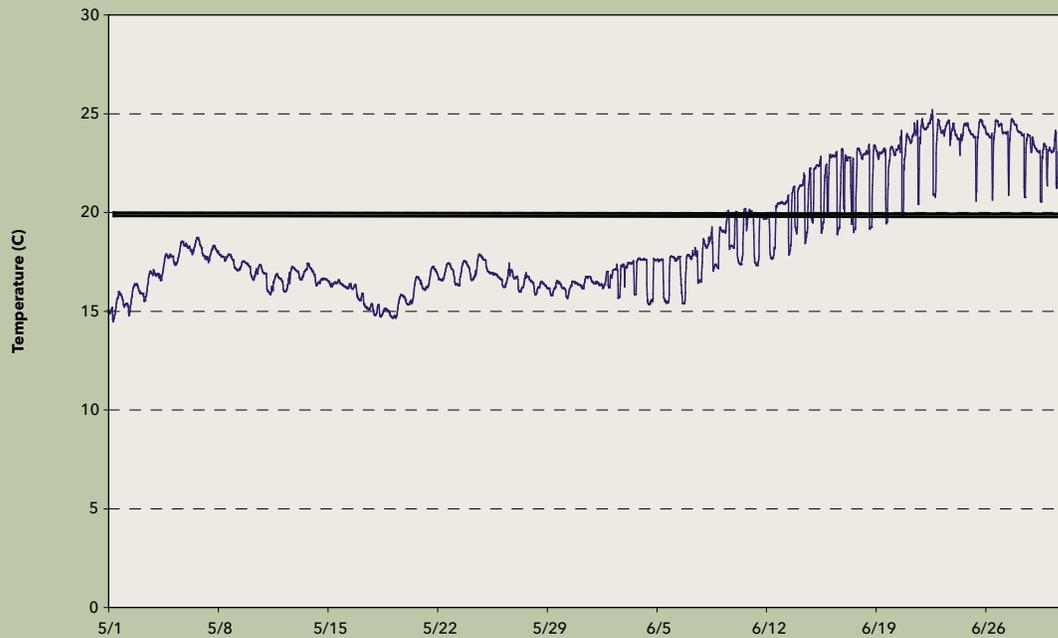
Appendix G, Figure 13
 Daily Water Temperature Fluctuations (°C) in the South Delta Near Chipps Island During the 2011 Vernalis Adaptive Management Program (VAMP)



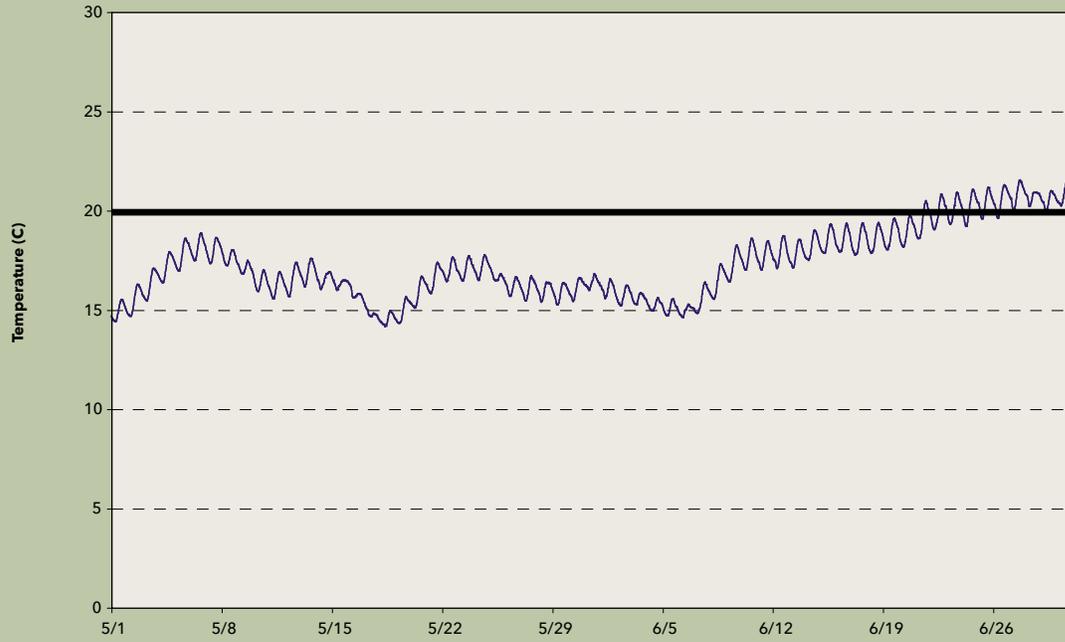
Appendix G, Figure 14
 Daily Water Temperature Fluctuations (°C) in the South Delta Near the Old River/Indian Slough Confluence
 During the 2011 Vernalis Adaptive Management Program (VAMP)



Appendix G, Figure 15
 Daily Water Temperature Fluctuations (°C) in the South Delta Near the CCF Radial Gates
 During the 2011 Vernalis Adaptive Management Program (VAMP)



Appendix G, Figure 16
 Daily Water Temperature Fluctuations (°C) in the South Delta in the Grant Line Canal at Tracy Blvd Bridge During the 2011 Vernalis Adaptive Management Program (VAMP)



Appendix G, Figure 17
 Daily Water Temperature Fluctuations (°C) in the South Delta Near Union Point During the 2011 Vernalis Adaptive Management Program (VAMP)



Appendix G, Figure 18
Daily Water Temperature Fluctuations (°C) in Werner Cut at the Channel Above Woodward Isle During the 2011 Vernalis Adaptive Management Program (VAMP)

