SJR DWSC Flow and RRI DO Data for 2003

G. Fred Lee, PhD, DEE and Anne Jones-Lee, PhD
G. Fred Lee & Associates
27298 E. El Macero Drive, El Macero, CA 95618
Ph: (530)753-9630 Fx: (530)753-9956 Em: gfredlee@aol.com
www.gfredlee.com

December 2003

Attached is the SJR DWSC flows for 2003 (Figure 1) and the Rough and Ready Island (RRI) monitoring station DO data (Figure 2) for this period. As discussed in previous reports (Lee, 2003; Lee and Jones-Lee, 2003a,b), there were severe low-DO problems in February and during the summer 2003. However, fall 2003 was different from past years in that low flows did not cause low DO in the DWSC at RRI. This may be due to lower ammonia discharges by the city of Stockton than normally occur at this time of the year.

References

Lee, G. F., "Review of 2003 SJR DWSC Flow and Dissolved Oxygen Data," Report of G. Fred Lee & Associates, El Macero, CA, July (2003). http://www.gfredlee.com/SJR.Jan.July.DO.Flow.2003dl.pdf

Lee, G. F. and Jones-Lee, A., "Synthesis and Discussion of Findings on the Causes and Factors Influencing Low DO in the San Joaquin River Deep Water Ship Channel Near Stockton, CA: Including 2002 Data," Report Submitted to SJR DO TMDL Steering Committee and CALFED Bay-Delta Program, G. Fred Lee & Associates, El Macero, CA, March (2003a). http://www.gfredlee.com/SynthesisRpt3-21-03.pdf

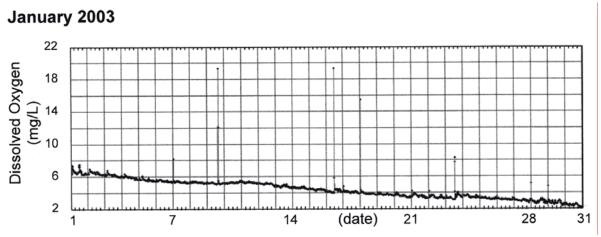
Lee, G. F. and Jones-Lee, A., "August and September 2003 SJR DWSC Flow and DO," Report of G. Fred Lee & Associates, El Macero, CA (2003b). http://www.gfredlee.com/Aug-Sept.2003.SJR.DWSC.Flow.DO.pdf

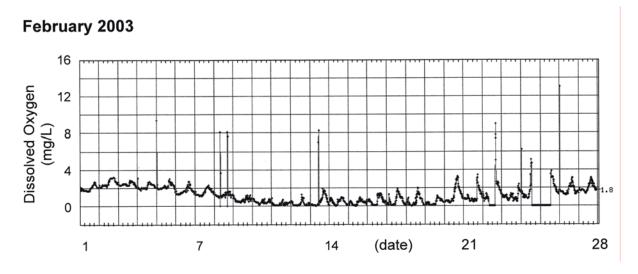
12/1 ♦ Datalogger malfunction; no data 11/1 10/1 9/1 SJR DWSC Flow 2003 8/1 Date (2003) 6/1 5/1 4/1 (Data source: C. Ruhl, 2003) 3/1 2/1 1,1 -200 Flow (cfs) 2500 2000 200 0 3000

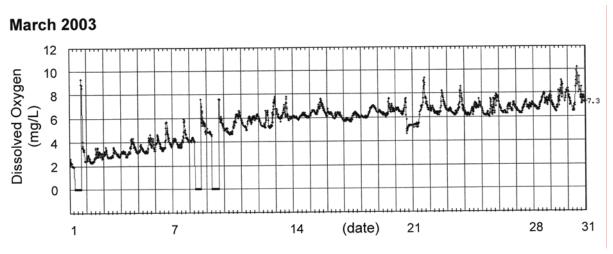
Figure 1

2

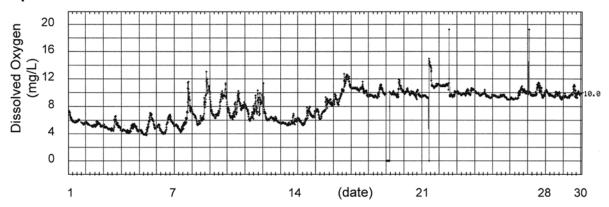
Figure 2 SJR DWSC RRI DO 2003



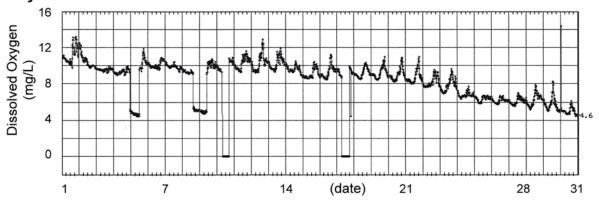


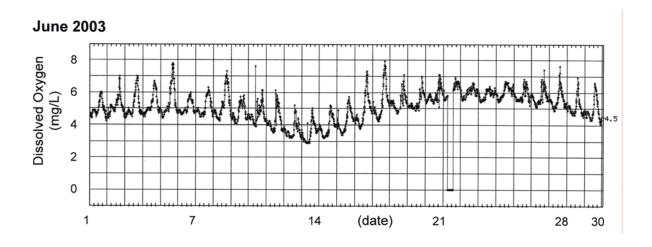


April 2003

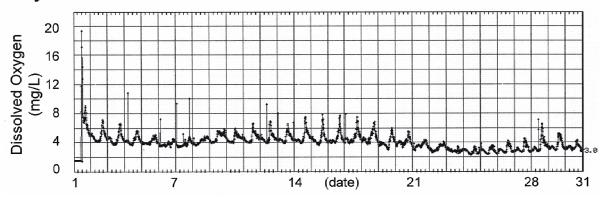


May 2003

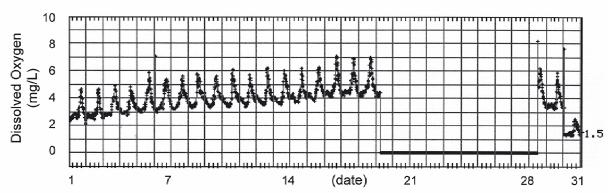




July 2003



August 2003



September 2003

