1987 DFG/BOR Agreement Summary Report

Primary purpose of the agreement was to identify a fish minimum flow schedule. While additional data is available to assess other aspects the focus of this report will be on evaluation of flow effects on salmonid life history.

Element 1 Evaluate Instream Flow Requirements:

A. Spawning data (success and timing)
J. IFIM (report already done--could be an attachment)
L. Weir – Adult counting (migration timing)

Element #2. Evaluate Distribution and Growth of Juvenile Salmon:

B. Survival to emergence
C. Egg to smolt development model
D. RST results summary
F. Mossdale sampling results
H. Seine data
I. Snorkeling data
K. Physiology Evaluation

Element #3. Define Timing and Magnitude of Downstream Migration:

D. RST results summary
E. CWT Evaluations
F. Mossdale sampling results

Element #4. Determine Annual Spawning Escapements:

A. Spawning data (success and timing)

Element #5 Evaluate Spawning Habitat Suitability and Improvement Needs:

A. Spawning data (success and timing)
B. Survival to emergence
M. Gravel quality assessments

Element #6. Temperature Stations and Modeling:

The final report is not completed for this project but the model is available and could be used to

G. Temperature model expected temps with current minimum flows

Element #7. Coordinate and Integrate Studies with USBR, USCOE, AFS, & CDFG:

This is report is intended to be part of this process which has not been done very well primarily due to personnel turn-over in all agencies.