



State of California – The Resources Agency
DEPARTMENT OF FISH AND GAME
50 Ericson Court
Arcata, CA. 95521
707 825-4856

ARNOLD SCHWARZENEGGER, Governor



**Subject: Stream Temperatures in middle Redwood Cr, Humboldt County,
CA (North Coast Region-1)**

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SEP 01 2010
DIVISION OF WATER QUALITY

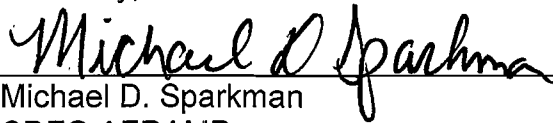
To: Jeffrey Shu

Hi Jeffrey,

Enclosed in electronic formats are an excel file with average, maximum, and minimum stream temperatures for specific time periods from YR 2001 – 2009, and my annual report for YR 2006 which describes the fish kill we observed in the same year, due to high stream temperatures in middle Redwood Cr (where our smolt trap is located). The excel spreadsheet has tabs for: metadata, all measurements used to determine average, maximum, and minimum stream temperatures (also has total number of measurements per study year), average, maximum, and minimum temperatures, and MWAT and MWMT. The temperature data was collected via Optic StowAway Temperature probes which collected data every hour, or every half hour depending upon study year. Based upon our data, I feel that Redwood Cr should still be considered temperature impaired. Some of the highest temperatures we have documented were above 27 °C.

If you have any questions or comments, please feel free to contact me via email, or the phone number listed below.

Sincerely,



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