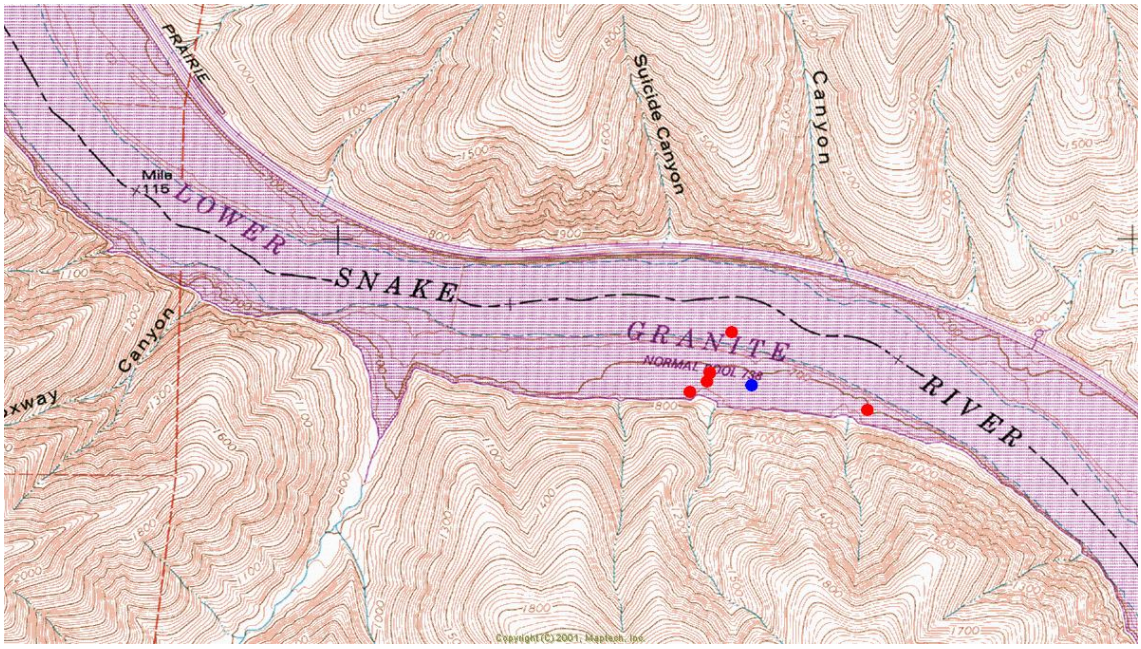
SNAKE RIVER PROJECT
(DECEMBER 2005 – MARCH 2006)

EYASCO was contracted by Dixon Marine Services (Inverness, CA) to design and build a real-time water quality monitoring system to support dredging operations at various reaches within the Snake and Clearwater Rivers.

The monitoring system consisted of four floating instrumentation platforms at the dredging sites, and five at the disposal site. Each platform measured and recorded 7 water quality constituents at the top and bottom of the water column: depth, turbidity, ammonia, pH, temperature, DO and conductivity. The data was transferred every hour from the canyon to a server via satellite telemetry. Our Merlin "Data Resource Management" software collected the data and generated web pages and graphics for display via the Internet. The project lasted a little over three months and collected over 1 GB of data! The project was challenging – especially as it occurred in the middle of winter. But the data collection and display went without a hitch.



DISPOSAL SITE AND MONITORING STATIONS ALONG THE SNAKE RIVER