

Robert H Birk
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Page 2/2

The analytical results presented in this report indicate that PCBs were not detected in sediment samples collected in the terminal ponds A-3, A-4 and B-5. The highest PCB concentrations were detected in the most upstream ponds in each drainage. The reported range of PCB concentrations detected in sediment samples collected from the A-Series Ponds is 0.16 to 0.67 milligrams per kilogram (mg/kg). The reported range of PCB concentrations detected in sediment samples collected from the B-Series Ponds is 0.16 to 6.68 mg/kg. The reported laboratory detection limit for PCB concentrations in the sediment samples is 0.16 mg/kg. PCBs were not detected in all sediment samples collected from the A- and B-Series Ponds.

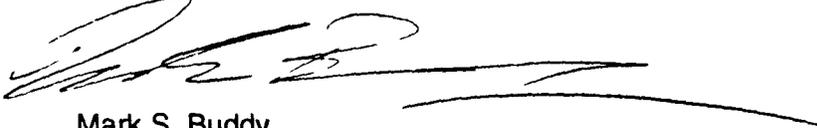
To further assess the ecotoxicological effects of these results, an additional biota sampling event was conducted during May through July 1994 for the OU 6 ponds. At this writing, the final analytical results were not available for review by the OU 3 Management team. We have been informed that these results will be received from the laboratory by August 24, 1994.

EG&G reviewed a summary of the historic timelines discussing construction, modifications, and incidents pertaining to the A- and B-Series Ponds (Spill Prevention Control Countermeasures Best Management Practices Plan, Appendix 2, dated September 1992). The summary indicated that any PCB releases into the A-Series Ponds would likely have occurred prior to 1972 and that any releases into the B-Series Ponds would have likely occurred prior to 1980.

If it is necessary to collect sediment samples from Great Western Reservoir, the following estimated costs will be incurred based on collecting six (6) deep core samples for analysis of PCBs:

Sample Collection	\$9,000	
Survey Sample Sites	700	
Laboratory Analysis	<u>2,000</u>	(Pesticides/PCBs)
Total	\$11,700	

Please call me at extension 8519 if you have any questions or require additional information.



Mark S. Buddy
Group 1 Closures
Environmental Restoration Program Division
EG&G Rocky Flats, Inc

MSB tjr

Ong and 1 cc - R Birk

~~Attachment~~
~~As Stated~~

