

March 24, 1992

Mr. Dick Florey
E.G.&G. Rocky Flats, Bldg. 051
P.O. Box 464
Golden, CO 80402-0464

Re: Inventory of Spiranthes diluvialis habitats at dam face and outfall sites.

Dear Mr. Florey:

This letter reports the results of a survey of potential Spiranthes diluvialis habitat conducted on March 23, 1992 on certain sites of proposed disturbance associated with reconstruction of dam faces and outfalls. I was accompanied to these sites by Scott McGlochlin, Kay Ryan, and Wes Goodwin of E.G.&G.

At dam B1, the reconstruction of the dam face, as described in the field, will extend into a moist area of transition from the southwest edge of the B2 pond on which a heavy cover Baltic rush (Juncus arcticus ssp. ater) exists. Between this band of shoreline rushes and the toe of the dam face, there is an area of approximately 15 feet x 30 feet that has suitable moisture and lack of heavy growth of competing vegetation. The latter comprises potential habitat for Spiranthes diluvialis.

At dam B3, where an outfall is to be improved, the length of the riprap is unsuitable habitat, but the area downslope from the riprapped zone includes small terraces of suitable habitat. It is understood that only the riprapped area (with no suitable habitat) is to be disturbed in the reconstruction.

If you have any questions about this information, please call me.

Sincerely,



David L. Buckner, Ph.D.
Plant Ecologist

cc: Jean Tate, EBASCO