

# ESCO

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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 proposed landfill site.

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 a proposed landfill. I was accompanied to these sites by Scott McGlochlin and Kay Ryan of E.G.&G.

The proposed landfill area itself is located on the dry flat upper surface of Rocky Flats on coarse, well-drained alluvium. As such, the habitat is not suitable for Spiranthes diluvialis.

At the McKay/Upper Church Ditches Relocation area, these old ditches are clearly generally dry, and do not contain the moist soil and mesic plant species known to accompany Spiranthes diluvialis habitat.

At the McKay/Upper Church Ditch road crossing, the site is just moist enough to suggest the possibility of suitable habitat conditions. There, scattered switchgrass (Panicum virgatum) and quackgrass (Agropyron repens) plants suggest moisture through the growing season, but are spaced widely enough to allow potentially suitable unshaded habitat.

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

Sincerely,



David L. Buckner, Ph.D.  
Plant Ecologist

cc: Jean Tate, EBASCO

ADMIN RECORD

A-DU05-000066