

6442

 **EG&G ROCKY FLATS**

EG&G ROCKY FLATS INC
ROCKY FLATS PLANT P O BOX 464 GOLDEN COLORADO 80102-0464 (303) 966 7000

April 16 1992

92 RF 4077

Robert M Nelson Jr
Manager
DOE RFO

Attn B K Thatcher

HABITAT SURVEYS FOR DILUVIUM LADIES TRESSES (3047) JEE 0282-92

Pursuant to DOE RFO's request dated March 16 1992 habitat surveys were conducted on March 23 and March 31 1992 to determine if areas impacted by five projects are potential habitat for the diluvium ladies tresses (Spiranthes diluvialis) The five projects are as follows

Upgrades and installations of surface water monitoring stations on Woman Walnut and Rock Creeks

The sanitary landfill sites and access roads

OU2 interim measure/interim remedial action planned for 1992

Upgrades to Dams B 1 and B 3

Installation of temporary monitoring stations in drainages on plantsite

The habitat survey results for the five projects are enclosed Briefly the findings are as follows

Monitoring station upgrades and installations Stations GS05 and GS07 have suitable habitat for the plant while stations GS01 GS02 GS04 GS06 GS08 GS11 GS12 GS13 and SW026 do not have suitable habitat for the plant No action is taking place at GS03 and GS10 was inadvertently omitted during the investigation and will be evaluated at a later date

The sanitary landfill The proposed landfill site does not have suitable habitat for the plant but the access road crossing over McKay and Upper Church ditches which will be improved as part of the landfill project has suitable habitat The alternate site was not investigated however it is also unsuitable because of it being a dry flat area in the same manner as the proposed site The access road crossings over Woman Creek would be improved as part of the landfill project if this site is chosen over the preferred site One of the crossings is proximate to the location of monitoring station GS05 which has suitable habitat

OU2 interim measure/interim remedial action The seeps associated with this project were evaluated for potential habitat Stations SW50 SW51 SW52 SW57 SW58 and SW65 have potential suitable habitat for the plant while stations SW53 SW55 SW59 SW77 and SW103 do not have suitable habitat for the plant Stations SW63 and SW64 which are not part of the OU2 project also do not have suitable habitat for the plant

ADMIN RECORD

177-11
20
A 0001-000478

Robert M Nelson Jr
April 16 1992
92 RF 4077
Page 2

Upgrades to Dams B 1 and B-3 A small area at the base of Dam B-1 has suitable habitat while the outfall pipe at Dam B-3 is located in habitat unsuitable for the plant.

Temporary monitoring stations The installation of monitoring equipment (instrumentation mounted on a narrow fence post) should have negligible impacts on potential habitat if habitat is present at the sites i.e not in competition with other species such as cattails

Based on these findings EG&G proposes to conduct formal surveys for the plant at the following locations the access road crossings for both the proposed and alternate landfill sites the base of Dam B 1 OU2 stations SW50 SW51 SW52 SW57 SW58 and SW65 and monitoring stations GS05 GS07 and GS10 These surveys will be completed during August 1992.

Please contact S M Nesta at extension 8605 or R C Flory at extension 8680 if you have any questions



J. E. Evered Director
Environmental Management

SCM bmb

Ong and 1 cc R M Nelson Jr

Enclosures
As Stated (5)

cc
F R Lockhart DOE RFO
T Lukow DOE RFO
P M Powell DOE RFO
R J Schassburger DOE RFO
M E Vanderpuy DOE, RFO