



July 25, 2005

05-RF-00712

Mr. Cliff Franklin
MV72
DOE, RFFO

TABLE OF ESTIMATED PREBLE'S MOUSE IMPACTS FROM PROJECT ACTIVITIES AT ROCK FLATS ENVIRONMENTAL TECHNOLOGY SITE AS OF JULY 21, 2005 - DAW-031-05

Ref: David Ward ltr DAW-017-05, to Cliff Franklin, Table of Estimated Preble's Mouse Impacts From Project Activities at Rocky Flats Environmental Technology Site, May 3, 2005

Dear Cliff,

On May 3, 2005 Kaiser-Hill provided you and Amy Thornburg a table showing the estimated acres of Preble's mouse habitat impacted by RFETS' projects, and mitigation credits to include in-situ restored, 2004 herbicide application, habitat creation, and Section 16 Conservation easement. The enclosed table provides an update to that May 3, 2005 estimate. Actual impacts are included in the table as indicated.

The estimated total disturbance as of July 21, 2005 is 29.786 acres, which includes 8.863 actual acres impacted. This is a reduction of total estimated disturbance from the May estimate of approximately 8.5 acres do largely to the B-series pond remediation actual impacts being less than the estimated impacts. This is well below the estimated "take" of 56.7 acres identified in the Programmatic Biological Assessment Part II, Biological Opinion. The estimated total mitigation acres needed are 49.4875 based on the appropriate mitigation ratios. The total estimated acres of credits available are 101.32, which includes 0.17 acres of actual credit. Therefore, based on this estimated forecast of mitigation acres required and mitigation acres available for credit there are 51.83 acres of excess credit.

Please contact Jody Nelson at 303-966-2231 or me at 303-966-5938 if you have any questions or need additional information.

Sincerely,

David Ward
Environmental Stewardship

plh

Enclosure
As Stated

6/3

Estimated Preble's Mouse Impacts From Project Activities At RFETS

Updated as of 07/21/05

Note: These are estimates unless specified as actual impacts.

	Habitat Quality*		Total Disturbance (acres)
	Lower	Higher	
Monitoring Well Installations	0	0.093	0.093
Original Landfill Project	6.32	2.76	9.08
Pond Remediation and Removal			
A Series (actual)	0	0	0
B Series (actual)	5.4897	0.8582	6.2979
C Series (actual)	1.4193	0.1658	1.5851
Surface Water Monitoring Equipment Removal	0	1	1
Surface Water Permanent Flow Installations and Replacements	0	0.5	0.5
Surface Water Flow Removal	0	0.55	0.55
North Access Road and Culvert Removal Project	2.23	0.43	2.66
Dam Maintenance and Safety Activities	3.13	0.22	3.35
Waste Water Treatment Plant (actual)	0	0	0
Site Water Reduction	0	0	0
Underscan Projects	0	2	2
East Sliding Bank (actual)	0	1.5	1.5
East Branch (actual)	0	0.5	0.5
Proposed Activities to Amend Landfill Final Landmark	0	0	0
Proposed Phytoremediation Project for Pond	0	0	0
Flume and Outflow Removal in P2	0	0	0
Total Disturbance	20.169	9.617	29.786

Mitigation Ratio	1.5	2	
Total Mitigation Estimated	30.2535	19.234	49.4875

Credits			
In-Situ Restored Habitat (estimate)			32
2004 Herbicide Applications (actual)			0.17
Habitat Creation in IA [FC#2/FC#4 Wetland Areas (estimate)]			9.15
Conservation Easement			60
Total Credits			101.32