



May 3, 2005

05-RF-00432

Mr. Cliff Franklin
MV72
DOE, RFFO

UNITED STATES FISH AND WILDLIFE SERVICE BIOLOGICAL OPINION
TERMS AND CONDITIONS 4.E, MONTHLY PREBLE'S MOUSE MITIGATION
DEBIT/CREDIT SPREADSHEET - DAW-016-05

Dear Cliff,

Attached is the April monthly updated Preble's Mouse Mitigation Debit/Credit Spreadsheet for your transmittal to the United States Fish and Wildlife Service (USFWS). The acres of habitat effected by the C-1 Pond Dam Notching Project have added to the Spreadsheet. In accordance with the Biological Opinion Terms and Conditions 4.e., DOE must submit this spreadsheet to the on-site Service Representative.

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

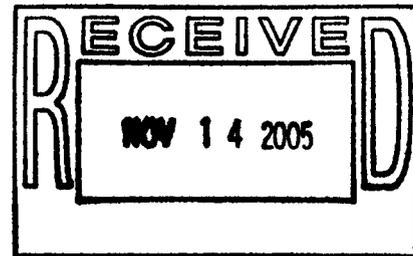
Sincerely,

A handwritten signature in black ink that reads "David Ward". The signature is written in a cursive style with a large, sweeping "D" and "W".

David Ward
Environmental Stewardship

DAW:plh

Attachment
As Stated



ADMIN RECORD

1/5

Preble's Mouse Mitigation Debit/Credit Spreadsheet*

Preble's Meadow Jumping Mouse Mitigation Tracking Spreadsheet for Part II activities in the PBA
5/3/2005

GIS Ref #	Date Project Initiated	Date Project Completed	Project Description	Impacted Acres	Mitigation Ratio	Acres to Mitigate	Mitigation Project	Total Debit (-) Acres	Date Mitigation Initiated	Mitigation Agency Concurrence Date	Total Credit (+) Acres (In-situ)	Balance [Debit (-)/ Credit (+)]	Comment
A	5/3/2004	5/12/2004	OPWL east	0.0141 Lower Quality 0.0 Higher Quality	1.5 : 1 2 : 1	0.0212 0.0	Road and Culvert Removals	-0.0212	5/12/2004		{0.0141}	-0.0212	
B	5/3/2004	5/12/2004	OPWL east	0.0658 Lower Quality 0.0 Higher Quality	1.5 : 1 2 : 1	0.0987 0.0	Miscellaneous	-0.0987	5/12/2004		{0.0658}	-0.0987	
C	5/3/2004	5/12/2004	OPWL east	0.0111 Lower Quality 0.0 Higher Quality	1.5 : 1 2 : 1	0.0167 0.0	Pond Remediation and Removal Projects	-0.0167	5/12/2004		{0.0111}	-0.0167	
D	5/17/2004	5/25/2004	OPWL west	0.0147 Lower Quality 0.0 Higher Quality	1.5 : 1 2 : 1	0.0221 0.0	Waste Water Treatment Plant	-0.0221	5/25/2004		{0.0147}	-0.0221	
E	5/17/2004	5/25/2004	OPWL west	0.0073 Lower Quality 0.0 Higher Quality	1.5 : 1 2 : 1	0.0110 0.0	Miscellaneous	-0.0110	5/25/2004		{0.0073}	-0.0110	
F	5/17/2004	5/25/2004	OPWL west	0.0305 Lower Quality 0.0 Higher Quality	1.5 : 1 2 : 1	0.0458 0.0	Road and Culvert Removals	-0.0458	5/25/2004		{0.0305}	-0.0458	
G	6/17/2004	6/28/2004	OLF Geotechnical Sampling	0.1375 Lower Quality 0.0472 Higher Quality	1.5 : 1 2 : 1	0.2063 0.0944	Original Landfill Project	-0.3007	6/28/2004		{0.1275}	-0.3007	
H	5/3/2004	6/17/2004	2004 Herbicide Applications		60:1		2004 Herbicide Applications (30 acres/annually for 3 yrs to offset 0.51 acres mitigation needed)		5/3/2004		0.170	0.1700	
I	7/12/2004	7/20/2004	Culvert Removal Woman Creek	0.0390 Lower Quality 0.0341 Higher Quality	1.5 : 1 2 : 1	0.0585 0.0682	Road and Culvert Removals	-0.1267	7/20/2004		{0.0731}	-0.1267	
J	7/6/2004	7/28/2004	Well Installations	0.00 Lower Quality 0.0645 Higher Quality	1.5 : 1 2 : 1	0.00 0.1290	Well Installations	-0.1290	8/3/2004		{0.0639}	-0.1290	Polygon modified from original 8/3/04 data due to error. In-situ remediation is 0.0006 acres smaller than impacts due to concrete well pad loss.
K	8/30/2004		B Pond Remediation	0.1642 Lower Quality 0.00 Higher Quality	1.5 : 1 2 : 1	0.2463 0.00	Road and Culvert Removals	-0.2463			{0.1642}	-0.2463	
L	8/30/2004		B Pond Remediation	0.0005 Lower Quality 0.00 Higher Quality	1.5 : 1 2 : 1	0.0008 0.00	Miscellaneous	-0.0008			{0.0005}	-0.0008	
M	11/18/2004	12/30/2004	East Shooting Range	0.70 Lower Quality 0.14 Higher Quality	1.5 : 1 2 : 1	1.05 0.28	NA	-1.3300	12/30/2004		{0.8400}	-1.3300	Consulted under separate BA. Mitigation addressed by PBA.
N	12/1/2004	Ongoing	East Trenches	0.13 Lower Quality 0.00 Higher Quality	1.5 : 1 2 : 1	0.195 0.00	Pond Remediation and Removal Projects	-0.1950			{0.1300}	-0.1950	Moved from Part I to Part II of PBA due to ongoing disturbance.

Preble's Mouse Mitigation Debit/Credit Spreadsheet*

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O	1/12/2005	1/12/2005	Well Installations	0.0016 Lower Quality 0.00 Higher Quality	1.5 : 1 2 : 1	0.0024 0.00	Well Installations	-0.0024	1/12/2005		[0.0013]	-0.0024	In-situ remediation is 0.0003 acres smaller than impacts due to concrete well pad loss.
P	12/22/2004	3/4/2005	C-1 Pond Notching	1.4193 Lower Quality 0.1658 Higher Quality	1.5 : 1 2 : 1	2.1290 0.3316	Pond Remediation and Removal Projects	-2.4606	3/4/2005		[2.2091]	-2.4606	Credit amount includes in-situ restored (1.5331 acres) and new habitat created where roads and spillway were located (0.6760 acres).
							Total Acreage	-5.0070			[3.9231]	-4.8370	

NOTE: Only acreage values greater than 0.0002 acres are incorporated in this spreadsheet. The reason is that the GPS unit being used becomes inaccurate for polygons smaller than this. In the Total Credit column the brackets indicate that the credit has not been applied yet. After USFWS concurrence for that project, the brackets will be removed and the credits applied.

Rocky Flats Environmental
Technology Site
Programmatic Biological
Assessment
Disturbance Tracking
April 5, 2005

Legend

-  Current Preble's Protection Areas
-  Project Footprints for PBA Part II Activities
-  Project Disturbances (Letter match projects on spreadsheet)

Standard Features

-  Buildings
-  Demolished Buildings
-  Lakes & ponds
-  Streams & ditches
-  Fences
-  Paved roads
-  Dirt roads
-  Contours (20 ft. intervals)

DATA SOURCE BASE FEATURES:
Buildings, fences, hydrography, roads and other
structures from 1994 aerial fly-over data
captured by EG&G RSL, Las Vegas.
Digitized from the orthophotographs, 1/96.



500 0 500 Feet

State Plane Coordinate Projection
Colorado Central Zone
Datum: NAD27

U.S. Department of Energy
Rocky Flats Environmental Technology Site

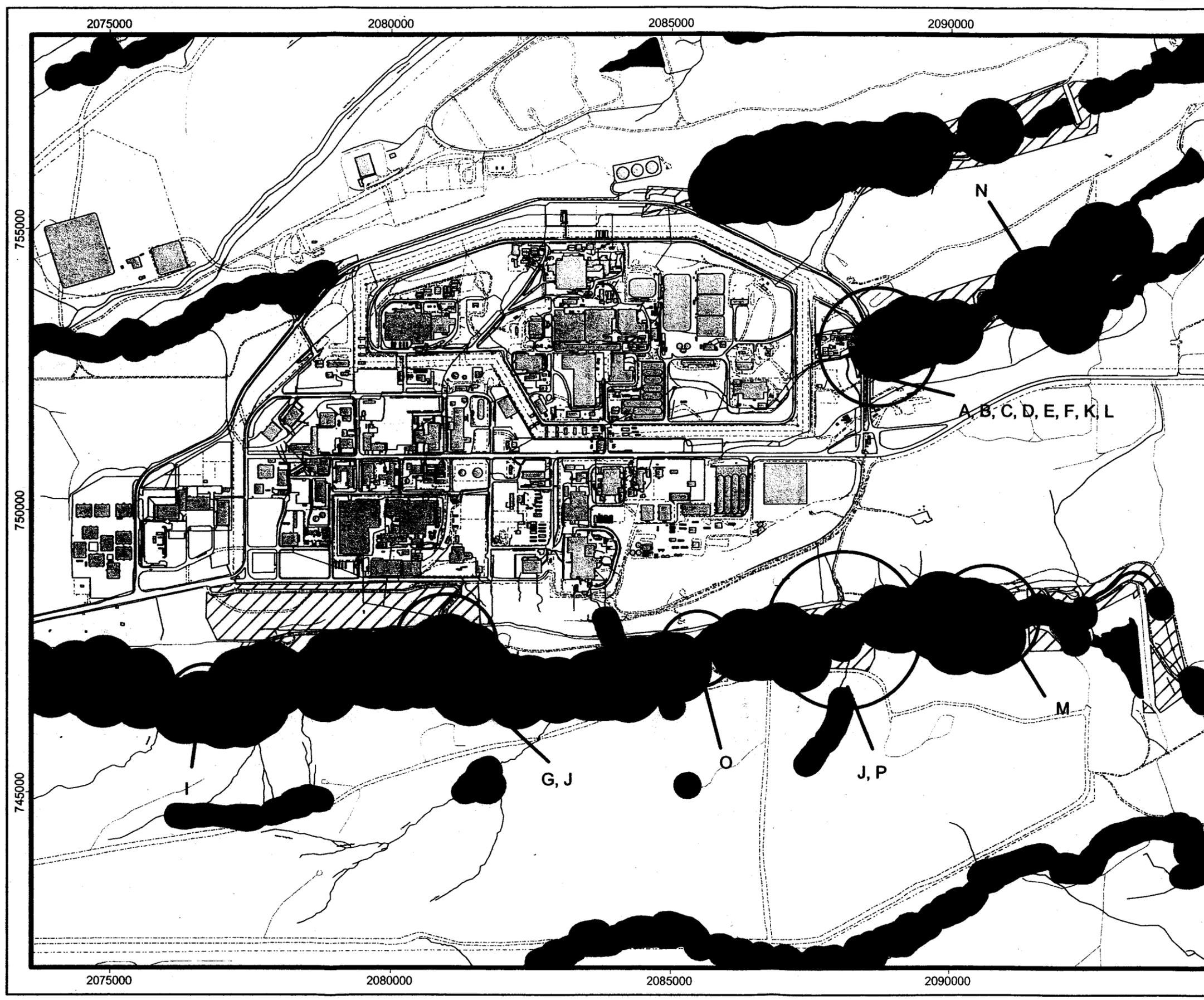
Prepared by: Professional Environmental Group, L.L.C.

For:  Kaiser-Hill
Company, LLC

RFETS GIS Dept.
303-966-7707

MAP ID: 04-0035

April 5, 2005



C:\Projects\F200404-0035\RFETS GIS Dept. 303-966-7707