

CORRES. CONTROL  
OUTGOING LTR NO.

DOE ORDER #  
05-00760



DIST.	LTR	ENC
DEL VECCHIO, D.		
FERRERA, D.W.		
GIACOMINI, J. J.		
GILPIN, H.E.		
LINDSAY, D. C.		
LONG, J. W.		
CROCKETT, G		
SHELTON, D.C.	X	X
TUOR, N.R.		

August 8, 2005

05-RF-00760

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-032-05

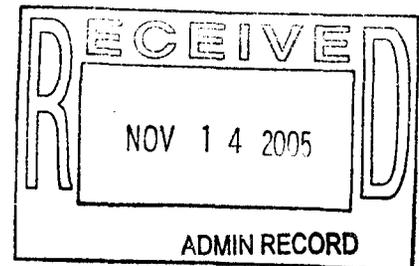
Dear Cliff,

Attached is the July monthly updated Preble's Mouse Mitigation Debit/Credit Spreadsheet for your transmittal to the United States Fish and Wildlife Service (USFWS). A well installation disturbance, item T, of 0.0824 acres was debited to the spreadsheet this month to bring the total debit to date to 15.1909 acres. 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,  
*David A. Ward*

David Ward  
Environmental Stewardship



WARD, DAVID	X	X
NELSON, JODY	X	X
SCHLAGEL, DOUG		
DECK, CAROL		
NININGER, R		
NESTA, STEVE		
FREIBOTH, CAM		

CONTROL	X	X
AD. RECORD		
WASTE REC.		
TRAFFIC		
PATS/130		

CLASSIFICATION		
UCNI		
UNCLASSIFIED		
CONFIDENTIAL		
SECRET		

AUTHORIZED  
CLASSIFIER  
Exempt from class  
per CEX-105-01

Date  
IN REPLY TO RFP CC  
NO:  
N/A

ACTION ITEM STATUS

- PARTIAL/OPEN
- CLOSED

DAW:plh

Attachment  
As Stated

LTR APPROVALS:

ORIG & TYPIST  
INITIALS  
DAW:plh



August 8, 2005

05-RF-00760

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MV72  
DOE, RFFO

UNITED STATES FISH AND WILDLIFE SERVICE BIOLOGICAL OPINION  
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Sincerely,

David Ward  
Environmental Stewardship

DAW:plh

Attachment  
As Stated

Preble's Meadow Jumping Mouse Mitigation Tracking Spreadsheet for Part II activities in the PBA  
8/4/2005

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	NA	5/12/2004		NA	NA	Removed as a separate impact because area re-disturbed as part of B Pond Remediation, WWTP, North Access Road Removal projects. Area had not been approved as habitat yet, so area should not be double counted. Now accounted for in totals for GIS Ref# R.
B	5/3/2004	5/12/2004	OPWL east	0.0189 Lower Quality 0.0 Higher Quality	1.5 : 1 2 : 1	0.0284 0.0	Miscellaneous	-0.0284	5/12/2004		[0.0284]	-0.0284	Disturbance amount reduced by 0.0469 acres because this portion of the OPWL East project was redisturbed by the B Pond Remediation, WWTP, North Access Road Removal projects. This portion of the OPWL area had not been approved as habitat yet, so area should not be double counted. Now accounted for in totals for GIS Ref# R. The portion of the polygon outside the redisturbed area is the amount that remains.
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	NA	5/25/2004		NA	NA	Removed as a separate impact because area re-disturbed as part of B Pond Remediation, WWTP, North Access Road Removal projects. Area had not been approved as habitat yet, so area should not be double counted. Now accounted for in totals for GIS Ref# R.
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	NA	5/25/2004		NA	NA	Removed as a separate impact because area re-disturbed as part of B Pond Remediation, WWTP, North Access Road Removal projects. Area had not been approved as habitat yet, so area should not be double counted. Now accounted for in totals for GIS Ref# R.
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	NA	5/25/2004		NA	NA	Removed as a separate impact because area re-disturbed as part of B Pond Remediation, WWTP, North Access Road Removal projects. Area had not been approved as habitat yet, so area should not be double counted. Now accounted for in totals for GIS Ref# R.
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		0.1700	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. Five wells drilled, only 2 were used. Three were dry.
K	8/30/2004	5/15/2005	B Pond Remediation	0.1642 Lower Quality 0.00 Higher Quality	1.5 : 1 2 : 1	0.2463 0.00	Road and Culvert Removals	NA			NA	NA	Removed as a separate impact because area re-disturbed as part of B Pond Remediation, WWTP, North Access Road Removal projects. Area had not been approved as habitat yet, so area should not be double counted. Now accounted for in totals for GIS Ref# R.
L	8/30/2004	5/15/2005	B Pond Remediation	0.0005 Lower Quality 0.00 Higher Quality	1.5 : 1 2 : 1	0.0008 0.00	Miscellaneous	NA			NA	NA	Removed as a separate impact because area re-disturbed as part of B Pond Remediation, WWTP, North Access Road Removal projects. Area had not been approved as habitat yet, so area should not be double counted. Now accounted for in totals for GIS Ref# R.
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.
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. One well installed.

Preble's Mouse Mitigation Debit/Credit Spreadsheet\*

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
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).
Q	1/10/2005	5/24/2005	Functional Channel #3	0.5768 Lower Quality 0.0589 Higher Quality	1.5 : 1 2 : 1	0.8652 0.1178	Road and Culvert Removals	-0.9830	5/24/2005		[0.8589]	-0.9830	Credit amount includes in-situ restored (0.5768 acres) and new habitat where N. Access Road was located (0.2821 acres).
R	8/30/2004	5/15/2005	B Pond Remediation, WWTP, North Access Road Removal in South Walnut Creek	5.4397 Lower Quality 0.8582 Higher Quality	1.5 : 1 2 : 1	8.1596 1.7164	B Pond Remediation, WWTP, North Access Road Removal	-9.8760	5/15/2005		[6.0648]	-9.8760	Credit amount is 0.2331 less than total disturbance that could return because some areas ended up under riprap. The overall value for this line value incorporates the disturbances previously listed in GIS Ref #s A, D, E, F, G, and a portion of B.
S	5/1/2005	6/15/2005	2005 Herbicide Applications		60:1		2005 Herbicide Applications (30 acres/annually for 3 yrs to offset 0.51 acres mitigation needed)		5/1/2005		0.1700	0.1700	
T	6/29/2005	7/6/2005	Well Installations	0.0516 Lower Quality 0.0025 Higher Quality	1.5 : 1 2 : 1	0.0774 0.0050	Well Installations	-0.0824	7/6/2005		[0.0541]	-0.0824	One well installed. No loss due to concrete pad placement because the existing well was removed and a new one put in.
							Total Acreage	-15.5309			10.8022	-15.1909	

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. The shaded columns at the top of the spreadsheet have been consolidated into GIS Ref # R due to overlaps in the disturbances.

2075000

2080000

2085000

2090000

755000

750000

745000

755000

750000

745000

2075000

2080000

2085000

2090000

# Well Installation Programmatic Biological Assessment Disturbance Tracking

August 4, 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, 1/95.



0 100 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

August 4, 2005

Q:\Project\FY2004\04-0035\PBA Part II Mitigation Tracking.apr\Well Installation\Well Installation 06b

Rocky Flats Environmental  
Technology Site  
Programmatic Biological  
Assessment  
Disturbance Tracking  
August 4, 2005

Legend

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-  Demolished Buildings
-  Lakes & ponds
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captured by EG&G RSL, Las Vegas.  
Digitized from the orthophotographs, 1/95.



500 0 500 Feet

State Plane Coordinate Projection  
Colorado Central Zone  
Datum: NAD27

U.S. Department of Energy  
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MAP ID: 04-0035

August 4, 2005



C:\Projects\F2004-04-0035\BPA Part II Mitigation Tracking.apr\Overall PMJM Disturbance Tracking Map 080405