

**CORRES. CONTROL
OUTGOING LTR NO.**

DOE ORDER #
05-RF-00965



DIST.	LTR	ENC
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.	X	X
DECK, CAROL	X	X
WARD, DAVID	X	X
NELSON, JODY	X	X
WALSTROM, JAN	X	X
NESTA, STEVE	X	X

October 17, 2005

05-RF-00965

John Rampe
Director
RFPO Closure Project Manager
DOE, RFPO

UNITED STATES ARMY CORE OF ENGINEERS (COE) AND ENVIRONMENTAL PROTECTION AGENCY (EPA) FINAL JURISDICTIONAL WETLAND IMPACTS AND THE PROJECTED ONSITE MITIGATION ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE (THE SITE) - DAW-040-05

Dear John,

Enclosed is the COE and EPA final jurisdictional wetland impacts and the projected on site mitigation acreage summary for The Site. There have been approximately 7.7 acres of wetland impacted and a projected 15.1 acres of wetlands planted and are being developed for onsite mitigation.

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

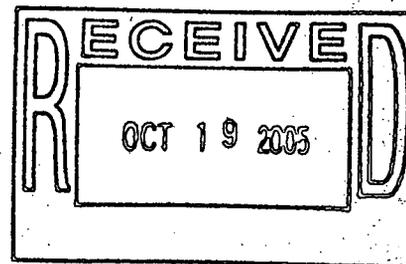
Sincerely,

David Ward
Environmental Stewardship

plh

Enclosure
As Stated

Ken Brakken - DOE, RFPO



ADMIN RECORD

COR. CONTROL	X	X
ADMN. RECORD	X	X
WASTE REC.		
TRAFFIC		
PATS/130		

CLASSIFICATION	
IUCN	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER

n/a

Date
IN REPLY TO RFP CC
NO:
N/A

ACTION ITEM STATUS

- PARTIAL/OPEN
- CLOSED

LTR APPROVALS:

ORIG & TYPIST
INITIALS
DAW/plh

Kaiser-Hill Company, LLC
Rocky Flats Environmental Technology Site, 12101 Airport Way, Unit B, Broomfield, CO 80021-2583
303-966-7000

USACOE and EPA Final Jurisdictional Wetland Impacts and Projected Mitigation Acreage Summary for RFETS
10/17/2005

Figure ID Number	Project Description	Agency	Estimated Temporary Acres Impacted	Estimated Permanent Acres Impacted	Estimated In-Situ Restored Acres	Estimated Mitigation Needed Beyond In-Situ	Estimated Additional Wetland Acres Created	Actual Temporary Acres Impacted *	Actual Permanent Acres Impacted +	Projected In-Situ Wetland Acres Restored @	Projected Additional Wetland Acres Created ^	Comments	GIS File Locations
1	East Shooting Range Project	EPA	0.022	0.000	0.022	0.000	0.000	0.017	0.000	0.017	0.000	Wetlands issues submitted under modifications to IM/IRA	@ = 05-0008: ESR.wetland calcs.xls
2	Original Landfill Project	EPA	0.000	1.240	0.000	1.240	0.000	0.086	1.171	0.086	0.139	Wetland plan submitted with IM/IRA document	@ = 06-0002: OLF.wetland impact calcs.xls
3	Present Landfill Project	EPA	3.045	0.010	3.045	0.010	0.000	0.800	2.131	0.800	0.000	Wetland plan submitted with IM/IRA. Because of outlet works height will now be the maximum height the water can reach, the wetland cannot re-establish to original levels. Therefore there is a loss because of less open water.	+ = 05-0030: PLF.wetland impact calcs 062205.xls @ = 05-0041: KHDOE.wetland acreage.xls
4	B-Pond Remediation Project	EPA	2.600	0.000	2.600	0.000	0.000	1.874	0.361	1.874	0.000	Wetlands addressed in RSOP notification. Wetland design has resulted in smaller emergent wetlands with less open water.	+ = 05-0031: Bponds.wetland impact calcs.xls @ = 05-0041: KHDOE.wetland acreages.xls
EPA Subtotal			5.667	1.250	5.667	1.250	0.000	2.777	3.663	2.777	0.139		
5	C-1 Pond	USACOE	0.400	0.000	0.000	0.000	0.000	0.249	0.002	0.249	0.011		+ @ = 05-0017: C-1.Pond.wetland impact calcs.xls
6	C-2 Pond	USACOE	0.500	0.000	0.500	0.000	0.000	0.500	0.000	0.500	0.000	All disturbance on pond bottom, so assumed will return.	This value was an initial eyeball estimate because the area was all on the pond bottom and is assumed to return. No GIS data was used for the calcs.
7	Road North of B131	USACOE	0.050	0.000	0.050	0.000	0.030	0.039	0.010	0.039	0.036	Road area assumed to become wetland.	+ @ = 06-0001: B131.wetland impact calcs.xls
8	Wetland West of Parking Area North of B771 (FC2/FC3 Confluence)	USACOE	0.000	0.120	0.000	0.120	1.310	0.180	0.000	0.180	0.106	Wetland area now larger than originally because final outlet is higher than previously.	+ @ = 05-0027: fc2-3.wetland calcs.xls
9	Functional Channel 1 (includes North Access Road NW of B37.1)	USACOE	0.100	0.000	0.100	0.000	1.000	0.005	0.026	0.005	8.435	Road area assumed to become wetland. Also some wetland will be present in drainage to be created to the south. Assumed most of bottom of FC#1 will be wetland.	+ @ = 06-0001: B37.1NAR.wetland impact calcs.xls
10	Functional Channel 2	USACOE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.085	Acreage created includes only the FC#2 constructed wetland area. Willow area above it not included at this time.	= 05-0027: functional channel.wetland creation calcs.xls
11	Functional Channel 3 (Area Near SW093)	USACOE	0.020	0.000	0.020	0.000	0.000	0.000	0.009	0.000	0.098	Acreage created includes only the FC#3 constructed wetland area. Small areas of soil covered nrap counted as wetland since they have water flowing through them or are saturated.	+ = 05-0027: fc3.wetland calcs.xls ^ = 05-0027: functional channel.wetland creation calcs.xls
12	Functional Channel 4 (North Access Road Near WWTP (east and west of road), (B991 and Old Pidas Area)	USACOE	0.134	0.117	0.134	0.117	0.000	0.119	0.117	0.119	1.345	Acreage created includes only the FC#4 constructed wetland area. Areas above the created wetland that are not nrapped will have to wait and see if they become wetlands.	+ @ = 05-0003: fc4.wetland impact calcs.xls ^ = 05-0027: functional channel.wetland creation calcs.xls
USACOE Subtotal			1.204	0.237	0.804	0.237	2.340	1.092	0.164	1.092	11.116		
Grand Total			6.871	1.487	6.471	1.487	2.340	3.869	3.827	3.869	11.255		

Does not include any impacts to wetlands associated with water depletion due to cessation of wastewater.

Off-Site Ratios will be 1:1 for the following reasons:

1. Off-site wetlands replace comparable wetlands impacted.
2. Off-site wetlands are close to impacted site (-1 1/2 miles).
3. Off-site wetlands are located in the same stream drainage.

Shaded projects have been GPS'ed after project completion and actual values are final as of October 17, 2005. All values rounded at third decimal place. Values shown as 0.000 were beyond three decimal places.

7.696
7.7 15.1