

**WETLAND DETERMINATION DATA FORM – Great Plains Region**

Project/Site: Rody Flats Site City/County: Jefferson Sampling Date: 8/22/13  
 Applicant/Owner: DOE State: CO Sampling Point: A3-C (100)  
 Investigator(s): Weg Aels- Section, Township, Range: T25, R70W, S4.11  
 Landform (hillslope, terrace, etc.): Stream channel Local relief (concave, convex, none): concave Slope (%): 2  
 Subregion (LRR): G Lat: 752310.8747 Long: 2088048.2976 Datum: NAD27  
 Soil Map Unit Name: mitigation area NWI classification: NA  
 Are climatic / hydrologic conditions on the site typical for this time of year? Yes  No  (If no, explain in Remarks.)  
 Are Vegetation , Soil , or Hydrology  significantly disturbed? Are "Normal Circumstances" present? Yes  No   
 Are Vegetation , Soil , or Hydrology  naturally problematic? (If needed, explain any answers in Remarks.)

**SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.**

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<b>Is the Sampled Area within a Wetland?</b>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Hydric Soil Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
Remarks: <u>Mitigation area. New normal circumstances. Located where coffee dam was located during A3 dam break project.</u>			

**VEGETATION – Use scientific names of plants.**

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
_____ = Total Cover				
Sapling/Shrub Stratum (Plot size: _____)				
1. _____	<u>SAEX1</u>	<u>2</u>	<u>FACW</u>	
2. _____				
3. _____				
4. _____				
5. _____				
<u>2</u> = Total Cover				
Herb Stratum (Plot size: <u>Wetland</u> )				
1. _____	<u>XAST1</u>	<u>45</u>	<u>Y</u>	<u>FAC</u>
2. _____	<u>HOJUI</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>
3. _____	<u>RUCR1</u>	<u>&lt;1</u>		<u>FAC</u>
4. _____	<u>SCMA1</u>	<u>&lt;1</u>		<u>OBL</u>
5. _____	<u>SCAC1</u>	<u>&lt;1</u>		<u>OBL</u>
6. _____	<u>POMO1</u>	<u>17</u>		<u>FACW</u>
7. _____	<u>AGCA1</u>	<u>2</u>		<u>FACU</u>
8. _____	<u>TYAN1</u>	<u>&lt;1</u>		<u>OBL</u>
9. _____	<u>ECCR1</u>	<u>1</u>		<u>FAC</u>
10. _____	<u>PORA1</u>	<u>3</u>		<u>FACW</u>
<u>+1.25</u> <u>90.25</u> = Total Cover				
<u>from 2nd page</u>				
Woody Vine Stratum (Plot size: _____)				
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>3</u>				
Remarks: <u>&lt;1 = 0.25 % cov</u>				

**Dominance Test worksheet:**

Number of Dominant Species That Are OBL, FACW, or FAC (excluding FAC-): 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100 (A/B)

**Prevalence Index worksheet:**

Total % Cover of: \_\_\_\_\_ Multiply by: \_\_\_\_\_

OBL species \_\_\_\_\_ x 1 = \_\_\_\_\_

FACW species \_\_\_\_\_ x 2 = \_\_\_\_\_

FAC species \_\_\_\_\_ x 3 = \_\_\_\_\_

FACU species \_\_\_\_\_ x 4 = \_\_\_\_\_

UPL species \_\_\_\_\_ x 5 = \_\_\_\_\_

Column Totals: \_\_\_\_\_ (A) \_\_\_\_\_ (B)

Prevalence Index = B/A = \_\_\_\_\_

**Hydrophytic Vegetation Indicators:**

1 - Rapid Test for Hydrophytic Vegetation

2 - Dominance Test is >50%

3 - Prevalence Index is ≤3.0<sup>1</sup>

4 - Morphological Adaptations<sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)

Problematic Hydrophytic Vegetation<sup>1</sup> (Explain)

<sup>1</sup>Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

**Hydrophytic Vegetation Present?** Yes  No



Wetland Determination Data Form - Great Plains Region  
 Extra Page for Vegetation Species

Date 8/22/13  
 Sampling Point A3-C (100)

Tree Stratum

	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
5				
6				
7				
8				
9				
10				

\_\_\_\_\_ = Total Cover

Sapling/Shrub Stratum

	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
6				
7				
8				
9				
10				

\_\_\_\_\_ = Total Cover

Herb Stratum

	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
53 11	AKSMI	<1		FACU
54 12	ELMAI	<1		OBL
55 13	COARI	<1		UPL
56 14	PLMAI	<1		FAC
57 15	LASEI	<1		FAC
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				

1.25 = Total Cover

Over > ?



**Wetland Determination Data Form - Great Plains Region**  
**Extra Page for Vegetation Species**

Date \_\_\_\_\_

Sampling Point \_\_\_\_\_

**Tree Stratum**

	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
11				
12				
13				
14				
15				

\_\_\_\_\_ = Total Cover

**Sapling/Shrub Stratum**

	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
11				
12				
13				
14				
15				

\_\_\_\_\_ = Total Cover

**Herb Stratum**

	Scientific Name	Absolute % Cover	Dominant Species?	Indicator Status
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				

\_\_\_\_\_ = Total Cover

**Wetland Qualitative Revegetation Evaluation Form**

Form # \_\_\_\_\_

Date 8/22/13  
 Observer(s) Jody Nds -  
 Location ID A3-E (100)

Photographs taken today? Y  N take earlier

Are desired wetland plant species present? Y N

Are there any issues regarding the establishment of the desired wetland species? Explain, if so.

no

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Are the hydrologic conditions appropriate for successful establishment and sustainability of the wetland. If not, describe the problem/issue.

yes

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**Woody Plant Counts**

Species	Stem Count	Height			Width		
		1	2	3	1	2	3
<u>SAEKI</u>	<u>~30</u>	<u>3.5'</u>	<u>3.5'</u>	<u>3.5'</u>	<u>1'</u>	<u>1'</u>	<u>1'</u>

Noxious weed evaluation. See separate noxious weed evaluations conducted throughout the summer months (June – August).

Suggestions for management:

Control weeds as needed

Other comments:

Area has filled - w/ yellow pond bottom species - such as  
when pond is dry at end of summer.

Completed by:

Logan Mc

J. K. Mc

Date 8/22/13