

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

Project/Site: Rocky Plate Site City/County: Jefferson Sampling Date: 8/22/13  
 Applicant/Owner: DOE State: CO Sampling Point: A3-B (99)  
 Investigator(s): big Nels- Section, Township, Range: T2S, R70W, Sec. 11  
 Landform (hillslope, terrace, etc.): stream channel Local relief (concave, convex, none): concave Slope (%): 1  
 Subregion (LRR): G Lat: 752613.31677 Long: 2088508.3365 Datum: NAD27  
 Soil Map Unit Name: mitigate 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"/> Hydric Soil Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Is the Sampled Area within a Wetland? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Remarks: <u>Mitigate area. New normal circumstances. Stream channel recognized during A3 dam breach project.</u>	

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

Tree Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:
1. _____	_____	_____	_____	Number of Dominant Species That Are OBL, FACW, or FAC (excluding FAC-): <u>2</u> (A)  Total Number of Dominant Species Across All Strata: <u>2</u> (B)  Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
= Total Cover				<b>Prevalence Index worksheet:</b> 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 = _____
Sapling/Shrub Stratum (Plot size: <u>wetland</u> )				
1. <u>PODE1</u>	<u>41</u>	<u>Y</u>	<u>FACW</u>	
2. <u>SAEX1</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
5. _____	_____	_____	_____	<b>Hydrophytic Vegetation Indicators:</b> <del>X</del> 1 - Rapid Test for Hydrophytic Vegetation <input checked="" type="checkbox"/> 2 - Dominance Test is >50% <input type="checkbox"/> 3 - Prevalence Index is ≤3.0 <sup>1</sup> <input type="checkbox"/> 4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)
<u>20.25</u> = Total Cover				
Herb Stratum (Plot size: <u>wetland</u> )				
1. <u>AGCA1</u>	<u>1</u>		<u>FACU</u>	
2. <u>POCO2</u>	<u>1</u>		<u>UPL</u>	
3. <u>CIAR1</u>	<u>2</u>		<u>FACU</u>	
4. <u>ABSM1</u>	<u>8</u>		<u>FACU</u>	
5. <u>VETH1</u>	<u>41</u>		<u>FACU</u>	
6. <u>CHGL1</u>	<u>41</u>		<u>FAC</u>	
7. <u>KOSCI</u>	<u>41</u>		<u>FACU</u>	
8. <u>ECCR1</u>	<u>30</u>	<u>Y</u>	<u>FAC</u>	
9. <u>PORAI</u>	<u>41</u>		<u>FACW</u>	
10. <u>HOJUI</u>	<u>2</u>		<u>FACW</u>	
<u>+2</u> <u>47</u> = Total Cover				
Woody Vine Stratum (Plot size: _____) <small>from 2nd page</small>				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
% Bare Ground in Herb Stratum <u>8/22/13</u> <u>0.1</u> = Total Cover				

Remarks: 41 = 0.25 % cover Bottom of stream channel w/ TRM.



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

Date 8/22/13  
 Sampling Point A3-B (99)

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
37 11	SOAR1	<1		UPL
38 12	VEAN1	<1		OBL
39 13	POPE2	<1		FACW
40 14	TYAN1	<1		OBL
41 15	HEAN1	<1		FACU
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				

2 = 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) body notes -

Location ID A3-B (99)

Photographs taken today? Y  N take photos

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>SAEXI</u>	<u>~14</u>	<u>5'</u>	<u>5'</u>	<u>6'</u>	<u>5'</u>	<u>5'</u>	<u>8'</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 is starting to fill in nicely.

Completed by: Jay K Mc Jay K Mc Date 8/22/13