

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

Project/Site: Roady Flat Site City/County: Jefferson Sampling Date: 8/21/13  
 Applicant/Owner: DOE State: CO Sampling Point: FC1-H (41)  
 Investigator(s): Jody Nelson Section, Township, Range: T2S, R70W, Sec 10  
 Landform (hillslope, terrace, etc.): borrow pit bottom Local relief (concave, convex, none): Slightly concave Slope (%): 1-2  
 Subregion (LRR): G Lat: 750 928.2566 Long: 2081678.0810 Datum: NAD27  
 Soil Map Unit Name: mitigation area NWI classification: NAA  
 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>Mitigation area. New normal circumstances. Borrow pit bottom.</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: <u>wetland</u> )	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
_____ = Total Cover				
Herb Stratum (Plot size: <u>wetland</u> )	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
3. _____				
4. _____				
5. _____				
6. _____				
7. _____				
8. _____				
9. _____				
10. _____				
_____ = Total Cover				
Woody Vine Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	
1. _____				
2. _____				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>30-40</u>				_____ = Total Cover
Remarks: <u>&lt;1 = 0.25 %</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: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 67 (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 Qualitative Revegetation Evaluation Form**

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

Date 8/21/13

Observer(s) Jody Nels-

Location ID FCI-H (41)

Photographs taken today?  Y  N

Are desired wetland plant species present?  Y  N

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

There is hydrophytic shrub component, but little of the herbaceous layer

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

Yes - but perhaps just barely

**Woody Plant Counts**

Species	Stem Count	Height			Width		
		1	2	3	1	2	3
SAEX1	<i>Trochiloides</i>	3.5'	3.5'	3.5'	1'	1'	2'
PODE1	16	2'	3'	3'	1'	2'	1'

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

Suggestions for management:

Control weeds as needed.

Other comments:

Will have to see if SAEXI Thicket forms over time at this location.

Completed by: Jody K. Nelson J. K. Nelson Date 8/21/13