

WETLAND DETERMINATION DATA FORM – Western Mountains, Valleys, and Coast Region

Project/Site: Rody Flats Site City/County: Jefferson Sampling Date: 8/25/15
 Applicant/Owner: DOE State: CO Sampling Point: WALPOC-B
 Investigator(s): by nels Section, Township, Range: T2S, R70W, Sec. 1 (95)
 Landform (hillslope, terrace, etc.): Stream Local relief (concave, convex, none): Concave Slope (%): 1-2
 Subregion (LRR): G Lat: 35 35 68.7133 Long: 209 03 60.4454 Datum: NAD83
 Soil Map Unit Name: NA 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"/>	Is the Sampled Area within a Wetland? 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>Flume built in Stream channel reestablished. These are the new normal circumstances.</u>			

VEGETATION – Use scientific names of plants.

Stratum (Plot size: _____)	Absolute % Cover	Dominant Species?	Indicator Status	Dominance Test worksheet:	
<u>Tree Stratum</u> (Plot size: _____)				Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)	
1. _____				Total Number of Dominant Species Across All Strata: <u>1</u> (B)	
2. _____				Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)	
3. _____				Prevalence Index worksheet:	
4. _____					Total % Cover of: _____ Multiply by: _____
5. _____					OBL species _____ x 1 = _____
					FACW species _____ x 2 = _____
					FAC species _____ x 3 = _____
= Total Cover				FACU species _____ x 4 = _____	
<u>Sapling/Shrub Stratum</u> (Plot size: <u>Wetland</u>)				UPL species _____ x 5 = _____	
1. <u>ROAR</u>	<u><1</u>		<u>FACU</u>	Column Totals: _____ (A) _____ (B)	
2. <u>not included because <5% total cover</u>				Prevalence Index = B/A = _____	
3. _____				Hydrophytic Vegetation Indicators:	
4. _____					<input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation
5. _____					<input checked="" type="checkbox"/> 2 - Dominance Test is >50%
6. _____					<input type="checkbox"/> 3 - Prevalence Index is ≤3.0 ¹
7. _____					<input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
8. _____					<input type="checkbox"/> 5 - Wetland Non-Vascular Plants ¹
9. _____					<input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)
10. <u>50 = 5.375</u>					¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
11. <u>20 = 2.15</u>					
= Total Cover					
<u>Woody Vine Stratum</u> (Plot size: _____)					Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
1. _____					
2. _____					
= Total Cover					
% Bare Ground in Herb Stratum _____					

Remarks: <1 = 0.25%

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Wetland Qualitative Revegetation Evaluation Form

Form # _____

Date 8/25/15

Observer(s) Jkn

Location ID WALPOC-B

Photographs taken today? Y N taken 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

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

yes

Woody Plant Counts

Species	Stem Count	Height			Width		
		1	2	3	1	2	3
<u>ROARI</u>	<u>3</u>	<u>4"</u>	<u>3"</u>	<u>5"</u>	<u>3"</u>	<u>4"</u>	<u>3"</u>

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

