

WETLAND DETERMINATION DATA FORM – Great Plains Region

Project/Site: Wetlands / Rocky Flats Site City/County: Jefferson Sampling Date: 8/19/19
 Applicant/Owner: DOE State: CO Sampling Point: WOMPOC-B
 Investigator(s): Jody Nelson Section, Township, Range: T2S, R70W, Sec. 13 (97)
 Landform (hillslope, terrace, etc.): Stream Local relief (concave, convex, none): Concave Slope (%): 1-2
 Subregion (LRR): G Lat: 747268.1169 Long: 2089561.6042 Datum: NAD27
 Soil Map Unit Name: NA 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. Flume installation + culvert replacement project - 2011.</u> <u>Area flooded + scoured during Sept. 2013 floods.</u>	

VEGETATION – Use scientific names of plants.

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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>1</u> (A) Total Number of Dominant Species Across All Strata: <u>1</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
= Total Cover				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 = _____
Sapling/Shrub Stratum (Plot size: <u>Wetland</u>)				
1. <u>AmFR1</u>	<u>40</u>	<u>Y</u>	<u>FACW</u>	
2. <u>AmFR1 POANB</u>	<u>2</u>	_____	<u>FACW</u>	
3. _____	_____	_____	_____	
4. _____	_____	_____	_____	
<u>42.0</u> = Total Cover				
Herb Stratum (Plot size: _____)				
1. <u>ABST1</u>	<u>1</u>	_____	<u>FACW</u>	
2. <u>POMD1</u>	<u><1</u>	_____	<u>FACW</u>	
3. <u>POCO1</u>	<u>1</u>	_____	<u>FACU</u>	
4. <u>LASE1</u>	<u><1</u>	_____	<u>FAC</u>	
5. <u>PLMA1</u>	<u><1</u>	_____	<u>FAC</u>	
6. <u>AGCA1</u>	<u><1</u>	_____	<u>FACU</u>	
7. <u>BRJA1</u>	<u><1</u>	_____	<u>FACU</u>	
8. _____	_____	_____	_____	
9. _____	_____	_____	_____	
10. _____	_____	_____	_____	
<u>3.25</u> = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____	_____	_____	_____	
2. _____	_____	_____	_____	
= Total Cover				
% Bare Ground in Herb Stratum <u>95</u>				
Remarks: _____				
Hydrophytic Vegetation Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				

Wetland Qualitative Revegetation Evaluation Form

Form # _____

Date 8/19/14

Observer(s) Jody Nelson

Location ID WOMPOC - B (97)

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>AmFRI</u>	<u>6</u>	<u>3'</u>	<u>3'</u>	<u>3'</u>	<u>4'</u>	<u>5'</u>	<u>8'</u>
<u>POANI</u>	<u>6</u>	<u>1'</u>	<u>1'</u>	<u>12'</u>	<u>10"</u>	<u>10"</u>	<u>7'</u>

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

→ large POANI tree was present on edge of project area at end of project.

Suggestions for management:

Control weeds as needed.

Other comments:

Most of original potential wetland area was scoured & destroyed during the Sept 2013 flooding. Now only cobbles & a large hole (pool when water present) are present. I only monitored the area outside the scoured area since the large hole is just filled w/ cobbles & no vegetation at this time.

Completed by:

Jody K. Adams

JKA

Date

8/19/14