

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

Project/Site: Rocky Flats Site City/County: Jefferson Sampling Date: 8/25/15  
 Applicant/Owner: DOE State: CO Sampling Point: A3-A  
 Investigator(s): Lois Nels Section, Township, Range: T2S, R70W, S11 (98a)  
 Landform (hillslope, terrace, etc.): Former pond basin Filled Local relief (concave, convex, none): Concave Slope (%): 0-1  
 Subregion (LRR): G Lat: 752474.2370 Long: 2088275.9574 Datum: NAD27  
 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"/> 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>New normal circumstances since pond breached - 2012.</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: <u>3</u> (A)  Total Number of Dominant Species Across All Strata: <u>3</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 = _____
<b>Sapling/Shrub Stratum (Plot size: <u>wetland</u>)</b>				
1. _____	<u>SAEX1 25</u>	<u>Y</u>	<u>FACW</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
<u>25</u> = Total Cover				
<b>Herb Stratum (Plot size: <u>wetland</u>)</b>				
1. _____	<u>POM01 1</u>	_____	<u>FACW</u>	
2. _____	<u>SCMA1 20</u>	<u>Y</u>	<u>OBL</u>	
3. _____	<u>SCAC1 1</u>	_____	<u>OBL</u>	
4. _____	<u>ELMA1 15</u>	_____	<u>OBL</u>	
5. _____	<u>PAV11 &lt;1</u>	_____	<u>FACW</u>	
6. _____	<u>TYAN1 45</u>	<u>Y</u>	<u>OBL</u>	
7. _____	<u>HOJW1 2</u>	_____	<u>FAC</u>	
8. _____	<u>CANE1 &lt;1</u>	_____	<u>OBL</u>	
9. _____	<u>RUCK1 &lt;1</u>	_____	<u>FAC</u>	
10. <u>50 = 43.5</u>	<u>PLMA1 41</u>	_____	<u>FAC</u>	
11. <u>20 = 17.4</u>	<u>AGRE1 21</u>	_____	<u>FAC</u>	
<u>85.25</u> = Total Cover				
<b>Woody Vine Stratum (Plot size: _____)</b>				
1. _____	<u>1.75</u>	_____	_____	
2. _____	_____	_____	_____	
<u>87.00</u>				
% Bare Ground in Herb Stratum <u>30-40</u> _____ = Total Cover				
Remarks: <u>&lt;1 = 0.25%</u>				
<b>Hydrophytic Vegetation Indicators:</b> <input type="checkbox"/> 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"/> 5 - Wetland Non-Vascular Plants <sup>1</sup> <input type="checkbox"/> 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 <input checked="" type="checkbox"/> No <input type="checkbox"/>				



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

Date 8/25/15  
 Sampling Point ~~10A~~ A3-A

8/25/15

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
129	11	COCA1	<1	UPL
136	12	CIARI	<1	FAC
131	13	AMPS1	<1	FACU
132	14	XAST1	<1	FAC
133	15	BRIN1	<1	FAC
134	16	POCO1	<1	FACU
135	17	ECCR1	<1	FAC
	18			
	19			
	20			
	21			
	22			
	23			
	24			
	25			
	26			
	27			
	28			
	29			
	30			
	31			
	32			
	33			
	34			
	35			

1.75 = Total Cover

Over > ? N



**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 8/25/15  
 Observer(s) JKN  
 Location ID A3-A

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.

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
SAEX1	Too numerous	6'	6'	5'	5'	5'	4'

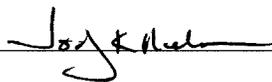
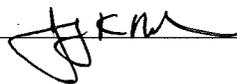
Noxious weed evaluation. See separate noxious weed evaluations conducted throughout the summer months (June – August).

Suggestions for management:

Control weeds as needed. Still not sure why most of pond bottom is not vegetated. Water is only 6-12" max at any time & gets drier at end of summer. Would think TYLA & TPAN would fill in quickly but has not happened.

Other comments:

Completed by:

Date 8/25/15