

WETLAND DETERMINATION DATA FORM – Great Plains Region

Project/Site: Wetlands / Rocky Flats Site City/County: Jefferson Sampling Date: 8/19/14
 Applicant/Owner: DOE State: CO Sampling Point: A3-B (99)
 Investigator(s): Jody Nelson Section, Township, Range: T2S, R70W, Sec. 11
 Landform (hillslope, terrace, etc.): stream Local relief (concave, convex, none): Concave Slope (%): 1-2
 Subregion (LRR): G Lat: 752613.1677 Long: 2088508.3365 Datum: NAD27
 Soil Map Unit Name: NA - mitigation 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>Mitigation area. New normal circumstances. Stream channel reconfigured during A3 dam break project in 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 (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				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>SAEX1</u>	<u>25</u>	<u>Y</u>	<u>FACW</u>	
2. _____	_____	_____	_____	
3. _____	_____	_____	_____	
<u>25.0</u> = Total Cover				
Herb Stratum (Plot size: <u>Wetland</u>)				
1. <u>BAVU1</u>	<u>3</u>	_____	<u>FACU</u>	
2. <u>CIARI</u>	<u>3</u>	_____	<u>FACU</u>	
3. <u>AGCA1</u>	<u>2</u>	_____	<u>FACU</u>	
4. <u>HOLO1</u>	<u>1</u>	_____	<u>FACW</u>	
5. <u>SOARI</u>	<u><1</u>	_____	<u>FAC</u>	
6. <u>BUDAI</u>	<u><1</u>	_____	<u>FACU</u>	
7. <u>POMO1</u>	<u>20</u>	<u>Y</u>	<u>FACW</u>	
8. <u>POPE2</u>	<u>2</u>	_____	<u>FACW</u>	
9. <u>PAV11</u>	<u><1</u>	_____	<u>FAC</u>	
10. <u>VEBRI</u>	<u><1</u>	_____	<u>FACU</u>	
<u>32.00</u> = Total Cover				
Woody Vine Stratum (Plot size: _____)				
1. _____	<u>7.25</u>	_____	_____	
2. _____	<u>39.25</u>	_____	_____	
<u>7.25</u> page 2				
_____ = Total Cover				
% Bare Ground in Herb Stratum <u>0</u>				
Hydrophytic Vegetation Indicators: <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 ¹ <input type="checkbox"/> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <input type="checkbox"/> Problematic Hydrophytic Vegetation ¹ (Explain)				
¹ 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"/>				
Remarks: <u><1 = 0.25%</u> <u>There is TRM across bottom of area that was disturbed</u> <u>TRM = ~50% of grd cover in area.</u> <u>Part of area near flume was mowed earlier in summer.</u>				

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

Date 8/19/14
 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
11	HEAN1	<1		FACU
12	VEAN1	4		OBL
13	TYAN1	<1		OBL
14	ECCR1	<1		FAC
15	CHGL1	<1		FAC
16	XAST1	<1		FAC
17	AGSM1	<1		FACU
18	LASE1	<1		FAC
19	VETH1	<1		FACU
20	EUMAI	<1		FACU
21	ROGR1	<1		UPL
22	RUCR1	<1		FAC
23	CAIB1	<1		FACU
24	KOSCI	<1		FACU
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				

7.25 = Total Cover

Over > ? N

282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
8/15/14

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 8/19/14
 Observer(s) Lady Nels
 Location ID A3-B (99)

Photographs taken today? Y Taken earlier

Are desired wetland plant species present? 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
SAEXI	too numerous	5'	5'	5'	5'	7'	5'

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

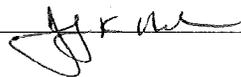
Suggestions for management:

Control weeds as needed. Area upstream of
Flume will be mowed at/or sprayed to prevent
vegetation from creating problems w/ flume operations.

Other comments:

Area is filling in nicely w/ wetland vegetation.

Completed by: — Jay Knels —



Date 8/19/17