

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

Project/Site: Wetlands / Rocky Flats Site City/County: Jefferson Sampling Date: 9/2/14  
 Applicant/Owner: DOE State: CO Sampling Point: WALPOC-B (95)  
 Investigator(s): Jody Nelson Section, Township, Range: T2S, R70W, Sec. 1  
 Landform (hillslope, terrace, etc.): Stream bed & terrace Local relief (concave, convex, none): concave Slope (%): 1-2  
 Subregion (LRR): G Lat: 753568.7133 Long: 2090360.4454 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 type="checkbox"/> No <input checked="" type="checkbox"/><br>Hydric Soil Present? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/><br>Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | Is the Sampled Area within a Wetland? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> |
| Remarks: <u>Mitigation area. New normal circumstances. Flume replaced = 2011.</u>                                                                                                                                                                                                                 |                                                                                                           |

**VEGETATION – Use scientific names of plants.**

| <u>Tree Stratum</u> (Plot size: _____)                    | Absolute % Cover | Dominant Species? | Indicator Status |  |
|-----------------------------------------------------------|------------------|-------------------|------------------|--|
| 1. _____                                                  | _____            | _____             | _____            |  |
| 2. _____                                                  | _____            | _____             | _____            |  |
| 3. _____                                                  | _____            | _____             | _____            |  |
| 4. _____                                                  | _____            | _____             | _____            |  |
| _____ = Total Cover                                       |                  |                   |                  |  |
| <u>Sapling/Shrub Stratum</u> (Plot size: <u>Wetland</u> ) |                  |                   |                  |  |
| 1. _____                                                  | <u>ROAR1</u>     | <u>1</u>          | <u>FACU</u>      |  |
| 2. _____                                                  | _____            | _____             | _____            |  |
| 3. _____                                                  | _____            | _____             | _____            |  |
| 4. _____                                                  | _____            | _____             | _____            |  |
| 5. _____                                                  | _____            | _____             | _____            |  |
| <u>1.0</u> = Total Cover                                  |                  |                   |                  |  |
| <u>Herb Stratum</u> (Plot size: <u>Wetland</u> )          |                  |                   |                  |  |
| 1. _____                                                  | <u>SIAL1</u>     | <u>&lt;1</u>      | <u>FACU</u>      |  |
| 2. _____                                                  | <u>FEPR1</u>     | <u>10</u>         | <u>FACU</u>      |  |
| 3. _____                                                  | <u>VEAN1</u>     | <u>&lt;1</u>      | <u>OBL</u>       |  |
| 4. _____                                                  | <u>MEAR1</u>     | <u>1</u>          | <u>FACU</u>      |  |
| 5. _____                                                  | <u>OEVI1</u>     | <u>1</u>          | <u>FACU</u>      |  |
| 6. _____                                                  | <u>AGST1</u>     | <u>&lt;1</u>      | <u>FACW</u>      |  |
| 7. _____                                                  | <u>CIAR1</u>     | <u>3</u>          | <u>FACU</u>      |  |
| 8. _____                                                  | <u>JUBAI</u>     | <u>1</u>          | <u>FACW</u>      |  |
| 9. _____                                                  | <u>LASE1</u>     | <u>&lt;1</u>      | <u>FAC</u>       |  |
| 10. _____                                                 | _____            | _____             | _____            |  |
| <u>17.0</u> = Total Cover                                 |                  |                   |                  |  |
| <u>Woody Vine Stratum</u> (Plot size: _____)              |                  |                   |                  |  |
| 1. _____                                                  | _____            | _____             | _____            |  |
| 2. _____                                                  | _____            | _____             | _____            |  |
| _____ = Total Cover                                       |                  |                   |                  |  |
| % Bare Ground in Herb Stratum <u>3</u>                    |                  |                   |                  |  |

**Dominance Test worksheet:**  
 Number of Dominant Species That Are OBL, FACW, or FAC (excluding FAC-): 0 (A)  
 Total Number of Dominant Species Across All Strata: 1 (B)  
 Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

**Prevalence Index worksheet:**  
 Total % Cover of: \_\_\_\_\_ Multiply by:  
 OBL species 0.25 x 1 = 0.25  
 FACW species 2.25 x 2 = 4.50  
 FAC species 0.25 x 3 = 0.75  
 FACU species 15.25 x 4 = 61.00  
 UPL species \_\_\_\_\_ x 5 = \_\_\_\_\_  
 Column Totals: 18.0 (A) 66.5 (B)  
 Prevalence Index = B/A = 3.69

**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

Remarks: <1 = 0.25% lots of rock (rip rap) = 50% or more

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135  
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8/15/14



**Wetland Qualitative Revegetation Evaluation Form**

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

Date 9/2/14

Observer(s) Jody Nelson

Location ID WALPOC - B (95)

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.

Yes - very low count of wetland species

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

barely - it has a ways to go to be a wetland

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**Woody Plant Counts**

| Species | Stem Count | Height |    |    | Width |    |     |
|---------|------------|--------|----|----|-------|----|-----|
|         |            | 1      | 2  | 3  | 1     | 2  | 3   |
| ROAR1   | 4          | 8"     | 8" | 6" | 4"    | 6" | 10" |
|         |            |        |    |    |       |    |     |
|         |            |        |    |    |       |    |     |
|         |            |        |    |    |       |    |     |
|         |            |        |    |    |       |    |     |
|         |            |        |    |    |       |    |     |
|         |            |        |    |    |       |    |     |

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

Suggestions for management:

Control weeds as needed.

Other comments:

It has a ways to go to become a good  
Wetland. May not make it.

Completed by: Jody K. Nels [Signature] Date 9/2/19