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

Project/Site: City/County: Sampling Date:

Applicant/Owner: State: Sampling Point:

Investigator(s): Section, Township, Range:

Landform (hillslope, terrace, etc.): Local relief (concave, convex, none): Slope (%):

Subregion (LRR): Lat: Long: Datum:

Soil Map Unit Name: NWI classification:

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.

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| Hydrophytic Vegetation Present? Yes No  Hydric Soil Present? Yes No  Wetland Hydrology Present? Yes No | **Is the Sampled Area**  **within a Wetland? Yes No** |
| Remarks: | |

VEGETATION – Use scientific names of plants.

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| Absolute Dominant Indicator  Tree Stratum (Plot size: ) % Cover Species? Status  1.  2.  3.  4.  = Total Cover Sapling/Shrub Stratum (Plot size: ) 1.  2.  3.  4.  5.  = Total Cover  Herb Stratum (Plot size: )  1.  2.  3.  4.  5.  6.  7.  8.  9.  10.  11.  = Total Cover  Woody Vine Stratum (Plot size: )  1.  2.  = Total Cover  % Bare Ground in Herb Stratum | **Dominance Test worksheet:**  Number of Dominant Species  That Are OBL, FACW, or FAC: (A)  Total Number of Dominant  Species Across All Strata: (B)  Percent of Dominant Species  That Are OBL, FACW, or FAC: (A/B) |
| **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 = |
| **Hydrophytic Vegetation Indicators:**  1 - Rapid Test for Hydrophytic Vegetation  2 - Dominance Test is >50%  3 - Prevalence Index is ≤3.01  4 - Morphological Adaptations1 (Provide supporting  data in Remarks or on a separate sheet)  5 - Wetland Non-Vascular Plants1  Problematic Hydrophytic Vegetation1 (Explain)  1Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. |
| **Hydrophytic**  **Vegetation**  **Present? Yes No** |
| Remarks: | |

**SOIL** Sampling Point:

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| **Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)**  Depth Matrix Redox Features  (inches) Color (moist) % Color (moist) % Type1 Loc2 Texture Remarks                  1Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. 2Location: PL=Pore Lining, M=Matrix. | |
| **Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.) Indicators for Problematic Hydric Soils3:**  Histosol (A1) Sandy Redox (S5) 2 cm Muck (A10)  Histic Epipedon (A2) Stripped Matrix (S6) Red Parent Material (TF2)  Black Histic (A3) Loamy Mucky Mineral (F1) (**except MLRA 1**) Very Shallow Dark Surface (TF12)  Hydrogen Sulfide (A4) Loamy Gleyed Matrix (F2) Other (Explain in Remarks)  Depleted Below Dark Surface (A11) Depleted Matrix (F3)  Thick Dark Surface (A12) Redox Dark Surface (F6) 3Indicators of hydrophytic vegetation and  Sandy Mucky Mineral (S1) Depleted Dark Surface (F7) wetland hydrology must be present,  Sandy Gleyed Matrix (S4) Redox Depressions (F8) unless disturbed or problematic. | |
| **Restrictive Layer (if present):**  Type:  Depth (inches): | **Hydric Soil Present? Yes No** |
| Remarks: | |

HYDROLOGY

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| --- | --- |
| **Wetland Hydrology Indicators:**  Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (2 or more required)  Surface Water (A1) Water-Stained Leaves (B9) (**except** Water-Stained Leaves (B9) (**MLRA 1, 2,**  High Water Table (A2) **MLRA 1, 2, 4A, and 4B)**  **4A, and 4B)**  Saturation (A3) Salt Crust (B11) Drainage Patterns (B10)  Water Marks (B1) Aquatic Invertebrates (B13) Dry-Season Water Table (C2)  Sediment Deposits (B2) Hydrogen Sulfide Odor (C1) Saturation Visible on Aerial Imagery (C9)  Drift Deposits (B3) Oxidized Rhizospheres along Living Roots (C3) Geomorphic Position (D2)  Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Shallow Aquitard (D3)  Iron Deposits (B5) Recent Iron Reduction in Tilled Soils (C6) FAC-Neutral Test (D5)  Surface Soil Cracks (B6) Stunted or Stressed Plants (D1) (**LRR A**) Raised Ant Mounds (D6) (**LRR A**)  Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) Frost-Heave Hummocks (D7)  Sparsely Vegetated Concave Surface (B8) | |
| **Field Observations:**  Surface Water Present? Yes No Depth (inches):  Water Table Present? Yes No Depth (inches):  Saturation Present? Yes No Depth (inches):  (includes capillary fringe) | **Wetland Hydrology Present? Yes No** |
| Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: | |
| Remarks: | |