WETLAND DETERMINATION DATA FORM -- Great Plains Region 15109 _ Section, Township, Range: ___ investigator(s): Landform (hillslope, terrace, etc.): Do pression Local relief (concave, convex, none): Concare Slope (%): Subregion (LRR): Western Great Plams Lat: _____ Long: ____ Datum: NWI classification: Soil Map Unit Name: Are climatic / hydrologic conditions on the site typical for this time of year? Yes No_____ (If no, explain in Remarks.) Are "Normal Circumstances" present? Yes ______ No___ (if needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? is the Sampled Area Hydric Soll Present? within a Wetland? Wetland Hydrology Present? Part of old Stream channel, danamed downstream. Remarks: VEGETATION - Use scientific names of plants. Absolute Dominant Indicator Dominance Test worksheet: Tree Stratum (Piot size: ______) % Cover Species? Status Number of Dominant Species That Are OBL, FACW, or FAC (excluding FAC-): **Total Number of Dominant** (B) Species Across All Strata: Percent of Dominant Species Sapling/Shrub Stratum (Plot size: _______ That Are OBL, FACW, or FAC: Prevalence Index worksheet: Total % Cover of: Multiply by: OBL species _____ x1 = ____ FACW species _____ ____x2=____ FAC species x 3 = = Total Cover FACU species _____ x 4 = ____ Herb Stratum (Plot size: __ Column Totals: _____ (A) _____ (B) Prevalence index = B/A = Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 1 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.01 4 - Morphological Adaptations (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) Woody Vine Stratum (Plot size: VA ¹Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation ___ = Total Cover Present? % Bare Ground in Herb Stratum Remarks:

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SOIL Profile Description: (Describe to the depth needed to document the Indicator or confirm the absence of Indicators.) Depth Redox Features Color (molst) Type' Loc2 900 10 VX 4/4 10% 90% 10NR 614 10% Type: 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 Solis³: Histosol (A1) __ Sandy Gleyed Matrix (S4) ___ 1 cm Muck (A9) (LRR I, J) Histic Epipedon (A2) Sandy Redox (S5) ___ Coast Prairie Redox (A16) (LRR F, G, H) Black Histic (A3) Stripped Matrix (S6) ___ Dark Surface (S7) (LRR G) _ Hydrogen Sulfide (A4) __ Loamy Mucky Mineral (F1) High Plains Depressions (F16) Stratified Layers (A5) (LRR F) Loamy Gleyed Matrix (F2) (LRR H outside of MLRA 72 & 73) X Depleted Matrix (F3) 1 cm Muck (A9) (LRR F, G, H) Reduced Vertic (F18) Depleted Below Dark Surface (A11) Redox Dark Surface (F6) Red Parent Material (TF2) Thick Dark Surface (A12) Depleted Dark Surface (F7) Very Shallow Dark Surface (TF12) Sandy Mucky Mineral (\$1) ___ Redox Depressions (F8) Other (Explain in Remarks) 2.5 cm Mucky Peat or Peat (S2) (LRR G, H) ___ High Plains Depressions (F16) 3 Indicators of hydrophytic vegetation and 5 cm Mucky Peat or Peat (S3) (LRR F) (MLRA 72 & 73 of LRR H) wetland hydrology must be present, unless disturbed or problematic. Restrictive Layer (If present): Type: Depth (inches): **Hydric Soll Present?** Remarks: HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (minimum of one required; check all that apply) Secondary Indicators (minimum of two regulred) X Surface Water (A1) Salt Crust (B11) Surface Soil Cracks (B6) High Water Table (A2) ___ Aquatic invertebrates (B13) Sparsely Vegetated Concave Surface (B8) K Saturation (A3) Hydrogen Suifide Odor (C1) Drainage Patterns (B10) Water Marks (B1) ___ Dry-Season Water Table (C2) Oxidized Rhizospheres on Living Roots (C3) Sediment Deposits (B2) _ Oxidized Rhizospheres on Living Roots (C3) (where tilled) Drift Deposits (B3) (where not tilled) ___ Crayfish Burrows (C8) Algal Mat or Crust (B4) Presence of Reduced Iron (C4) Saturation Visible on Aerial Imagery (C9) Iron Deposits (85) Thin Muck Surface (C7) K Geomorphic Position (D2) Inundation Visible on Aerial Imagery (B7) Other (Explain in Remarks) _ FAC-Neutral Test (D5) Water-Stained Leaves (B9) Frost-Heave Hummocks (D7) (LRR F) Field Observations: Yes No Depth (Inches): ///
Yes No Depth (Inches): Wetland Hydrology Present? Surface Water Present? Water Table Present? Saturation Present? (includes capillary fringe)

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks: