WETLAND DETERMINATION DATA FORM – Great Plains Region

| Application Siate: Sampling Point: Investigator(s): Section, Township, Range: Sampling Point: Investigator(s): Local relief (concave, convex, none): Slope (%): Slope (%): Subregion (LRR): Lot: Long: NVI classification: NVI classificat | | Project/Site: | | , | City/Co | unty: | | Samplin | g Date: | |
|--|---|--|-----------------------|--------------------|----------------|-----------------|-----------------|-------------------|----------------------------|------------|
| Local relief (concave, convex, none); Slope (%); Subregion (LRR); Lat Long: Datum: Solitopion (LRR); Lat Long: Datum: Subregion (LRR); Long: Datum: Solitopion (LRR); NWI classification: | Landform (hillslope, terrace, etc.): Local relief (concave, convex, none): Slope (%): Subregion (LRR): Lat | Applicant/Owner: | | | | | State: | Samplin | g Point: | |
| Landform (hillslope, terrace, etc.): Lat: Long: Datum: Subregion (LRR): Are Vegetation (LRR): Are Vegetation or Hydrology Instruction of Hydrology Instruction | Landform (hillslope, terrace, etc.): Losal relief (concave, convex, none): Slope (%): Subregion (LRRY) | Investigator(s): | | | Section | n, Township, Ra | ange: | | | |
| Are climatic / hydrologic conditions on the site typical for this time of year? Yes | Soil Map Unit Name: | Landform (hillslope, terrace, etc.): _ | | | Local r | elief (concave, | convex, none): | | | |
| Are climatic / hydrologic conditions on the site typical for this time of year? Yes | Are climatic / hydrologic conditions on the site typical for this time of year? Yes | Subregion (LRR): | | Lat: | | | Long: | | | |
| Are climatic / hydrologic conditions on the site typical for this time of year? Yes | Are climatic / hydrologic conditions on the site typical for this time of year? Yes | Soil Map Unit Name: | | | | | NWI c | classification: | | |
| 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, et Hydrophytic Vegetation Present? Yes No Within a Wetland? Yes No | 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, Hydrophytic Vegetation Present? Yes No So No | Are climatic / hydrologic conditions | on the site typical f | or this time of ye | ear? Ye | s No_ | (If no, expla | ain in Remarks.) | | |
| Are Vegetation | 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, Hydrophytic Vegetation Present? Yes No within a Wetland? Yes No No within a Wetland? Yes No | | | _ | | | | | | No |
| SUMMARY OF FINDINGS — Attach site map showing sampling point locations, transects, important features, et Hydrophytic Vegetation Present? Yes No Within a Wetland? Yes No No Wetland Hydrology Present? Free Stratum (Plot size: Secretary Species? Status No No Secretary Species? Status No | SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, Hydrophytic Vegetation Present? Yes No Wetand Hydrology Present? Yes No No Wetand Hydrology Present? Yes No No Wetand Hydrology Present? Yes No | | | | | | | | | |
| Hydrophytic Vegetation Present? Yes | Hydrophytic Vegetation Present? Yes | _ | | | | | | | | res, etc |
| Second Present? Yes No | Sapiling/Shrub Stratum (Plot size:) | | | | | | · | | | |
| VEGETATION - Use scientific names of plants. Dominant Indicator % Cover Species? Statum (Plot size:) | Wetland Hydrology Present? Yes No Winting a wendard Tes No Remarks: Presents: No Winting a wendard Presents: No No Presents: No N | | | | | - | | | | |
| Name | Name | | | | , | within a Wetla | ind? Ye | s No | | |
| Absolute | Absolute % Cover Species? Status Status | Remarks: | | | | | | | | |
| Absolute | Absolute % Cover Species? Status Status | | | | | | | | | |
| Number of Dominant Species | Tree Stratum (Plot size: | VEGETATION – Use scient | ific names of p | | Dami | and Indiantar | Dominon Too | | | |
| That Are OBL, FACW, or FAC (excluding FAC-): (A) 3. 4. —————————————————————————————— | That Are OBL, FACW, or FAC (excluding FAC-): 3. | Tree Stratum (Plot size: |) | | | | | | | |
| 2. | 2. (excluding FAC-): (9) 3. Total Number of Dominant Species Across All Strata: (9) | | | | | | | | | |
| Species Across All Strata: (B) | Species Across All Strata: | | | | | | (excluding FAC- | ·): | | (A) |
| Sapling/Shrub Stratum (Plot size:) | Sapling/Shrub Stratum (Plot size:) | | | | | | | | | |
| Sapling/Shrub Stratum (Plot size:) That Are OBL, FACW, or FAC: (A/B | Sapling/Shrub Stratum (Plot size:) That Are OBL, FACW, or FAC:(interpretation of the provided support of the | 4 | | | | | Species Across | All Strata: | | (B) |
| 2 | 2. | | |) | - " | | | | | (A/B) |
| 3. | 3. | | | | | | Prevalence Inde | ex worksheet: | | |
| 4 | 4 | | | | | | Total % Cov | er of: | Multiply by: | <u> </u> |
| 5. = Total Cover FACW species x 2 = FACU species x 3 = FACU species x 4 = Interpolation Image: Column Total stream (Plot size: | FACW species | | | | | | OBL species | x | 1 = | |
| Herb Stratum (Plot size:) | Herb Stratum (Plot size:) | | | | | | FACW species | x | 2 = | |
| 1. | 1. UPL species x 5 = | | | | | | | | | |
| 2. Column Totals: | 2. Column Totals: | Herb Stratum (Plot size: |) | | _ | | | | | |
| 3. | 3 | · · | | | | | | | | |
| 4 | 4. | | | | | | Column Totals: | (A | ı) | (B) |
| Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide supportindata in Remarks or on a separate sheet) 10 | Hydrophytic Vegetation Indicators: 1 - Rapid Test for Hydrophytic Vegetation 1 - Rapid Test for Hydrophytic Vegetation 2 - Dominance Test is >50% 3 - Prevalence Index is ≤3.0¹ 4 - Morphological Adaptations¹ (Provide suppodata in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) Thicketors of hydric soil and wetland hydrology mube present, unless disturbed or problematic. Hydrophytic Vegetation Hydrophytic Vegetation | | | | | | Prevalence | e Index = B/A = | | |
| 6 | 6 | | | | | | | | | |
| 7 | 7 | | | | | | 1 - Rapid Te | est for Hydrophy | tic Vegetation | 1 |
| 8 | 8 | | | | | | 2 - Dominar | ice Test is >50% | , D | |
| 9 | 9 | | | | | | | | | |
| 10 = Total Cover Problematic Hydrophytic Vegetation¹ (Explain) 1 = Total Cover Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 2 Hydrophytic Vegetation 1 Hydrophytic Vegetation 2 Hydrophytic Vegetation | 10 Problematic Hydrophytic Vegetation¹ (Explain) Woody Vine Stratum (Plot size:) 1 = Total Cover 2 = Total Cover = Total Cover Hydrophytic Vegetation¹ (Explain) 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation | | | | | | 4 - Morpholo | ogical Adaptation | ns ¹ (Provide s | supporting |
| Woody Vine Stratum (Plot size:) 1 = Total Cover 1 = Total Cover 2 = Total Cover = Total Cover Hydrophytic Vegetation Yes of the stratum (Plot size:) Left (Expans) 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Hydrophytic Vegetation | Woody Vine Stratum (Plot size:) 1 = Total Cover 2 = Total Cover E Total Cover 1 = Total Cover | | | | | | | | • | , |
| Woody Vine Stratum (Plot size:) 1 Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. 2 Hydrophytic Vegetation Veget | Woody Vine Stratum (Plot size:) 1 | | | | | | | | | |
| = Total Cover Vegetation | = Total Cover Vegetation | | | | | | | | | y must |
| = Total Cover Vegetation | = Total Cover Vegetation | 2 | | | _ | | | | | |
| % Bare Ground in Herb Stratum | | | | | | Cover | • | Yes | No | |
| Remarks: | 7/ Dai O Cionia III 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | | | | i i cociii f | 169 | . 110 | <u>-</u> |

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SOIL Sampling Point: _____

| Profile Desc | ription: (Descr | ibe to the d | epth nee | eded to docu | ment the | indicator | or confirm | the absence of i | indicators.) |
|---------------|---|---------------|---------------------|------------------------|-------------|------------|------------------|----------------------------|---|
| Depth | <u>Matr</u> | | | | ox Feature | 1 | . 2 | - . | Б |
| (inches) | Color (moist | <u> </u> | <u>Cc</u> | olor (moist) | % | Type' | Loc ² | <u>Texture</u> | Remarks |
| | | | | | | | | | |
| | | | | | | | | | |
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| | - | | | | | · —— | | | _ |
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| | | | | | | · —— | | | |
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| | | | | | | | | | |
| ¹Type: C=Co | oncentration, D= | Denletion R | M=Redu | iced Matrix C | S=Covere | d or Coate | d Sand Gr | rains ² Locatio | on: PL=Pore Lining, M=Matrix. |
| | ndicators: (Ap | | | | | | a cana ci | | Problematic Hydric Soils ³ : |
| Histosol | | piloubio to t | =0 | Sandy | | | | | k (A9) (LRR I, J) |
| _ | oipedon (A2) | | | | Redox (S5 | | | | irie Redox (A16) (LRR F, G, H) |
| Black Hi | | | | - | d Matrix (S | | | | ace (S7) (LRR G) |
| | n Sulfide (A4) | | | | Mucky Mi | | | | s Depressions (F16) |
| | | DD E\ | | - | Gleyed M | | | - | l outside of MLRA 72 & 73) |
| | l Layers (A5) (Li ick (A9) (LRR F, | | | | ed Matrix (| | | Reduced \ | · · · · · · · · · · · · · · · · · · · |
| | d Below Dark Su | | | | Dark Surfa | | | | nt Material (TF2) |
| | ark Surface (A12 | | | | ed Dark Su | ` , | | | low Dark Surface (TF12) |
| | lucky Mineral (S | | | | Depressio | | | | plain in Remarks) |
| | lucky Peat or Pe | , | R G. H) | | lains Depr | ` , | 16) | | nydrophytic vegetation and |
| | cky Peat or Pea | | | _ | _RA 72 & | | | | drology must be present, |
| | , | . () (| , | (| | | , | - | turbed or problematic. |
| Restrictive I | ayer (if presen | t): | | | | | | | · |
| | | | | | | | | | |
| · · · | ches): | | | | | | | Hydric Soil Pre | esent? Yes No |
| Remarks: | | | | | | | | Tryuno com Tro | |
| Remarks. | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| HYDROLO | GY | | | | | | | | |
| Wetland Hyd | drology Indicate | ors: | | | | | | | |
| _ | ators (minimum | | red: che | ck all that app | lv) | | | Secondary I | ndicators (minimum of two required) |
| - | Water (A1) | | , , , , , , , , , , | Salt Crus | | | | | Soil Cracks (B6) |
| | iter Table (A2) | | - | Aquatic Ir | | s (B13) | | | y Vegetated Concave Surface (B8) |
| Saturation | , , | | | Aquatic ii Hydroger | | | | | je Patterns (B10) |
| | | | - | | | | | _ | |
| | arks (B1) | | - | - | on Water T | | | | d Rhizospheres on Living Roots (C3) |
| | nt Deposits (B2) | | - | Oxidized | | | ing Roots | , , , | re tilled) |
| | oosits (B3) | | | | not tilled) | | | - | n Burrows (C8) |
| <u> </u> | it or Crust (B4) | | - | | of Reduce | | 1) | | ion Visible on Aerial Imagery (C9) |
| | osits (B5) | | - | Thin Muc | k Surface | (C7) | | Geomo | rphic Position (D2) |
| Inundation | on Visible on Ae | rial Imagery | (B7) | Other (Ex | plain in Re | emarks) | | FAC-Ne | eutral Test (D5) |
| Water-S | tained Leaves (E | 39) | | | | | | Frost-H | eave Hummocks (D7) (LRR F) |
| Field Observ | vations: | | | | | | | | |
| Surface Water | er Present? | Yes | _ No | Depth (ir | nches): | | | | |
| Water Table | Present? | | | Depth (ir | | | | | |
| Saturation Pr | | | | Depth (ir | | | | and Hydrology Pr | resent? Yes No |
| (includes cap | | . 00 | | Dopai (ii | | | _ | | <u>——</u> <u>——</u> |
| | corded Data (str | eam gauge, | monitorir | ng well, aerial | photos, pr | evious ins | pections), | if available: | |
| | | | | | | | | | |
| Remarks: | | | | | | | | | |
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