WETLAND DETERMINATION DATA FORM Great Plains Region

Projective: L3R
Soil Unit: Ig2A
Landform: Dip Local Relief: CC
Slope (%): 0-2% Lattude: 48.11530833 Longitude: e6.321221667 Datum: Section: Are climatic/hydrologic continos on the site typical for this time of year? (*rowepare in enversion): BY Section: Township: Township: Are climatic/hydrologic continos on the site typical for this time of year? (*rowepare in enversion): BY Section: Township: Township: Are Vegetation Q: or Hydrology Desturally problematic? BY Section: Township: Township: SUMMARY OF FINDINGS Dift of Hydrology Desturally problematic? BY Yes No No Range: Dift: SUMMARY OF FINDINGS Hydrology Desturally problematic? Wes No No Range: Dift: SUMMARY OF FINDINGS Hydrology Destural problematic? Wes No No Range: Dift: Wetland Hydrology Present? Yes No No Bit Netland Hydrology Present? Yes Problematic Bit A Startation C: Or Hydrology Desturation Bit A Startation Bit A Startation Bit A Startation Bit A Startation C: C: Anyta Startation Bit A Startation C: C: Anyta Startation C: C: C: Startation Visible on Astal Imagery C: C
Are climatic/hydrologic conditions on the site typical for this time of year? (proc.explan increments) If Yes No Section: Are Vegetation Is oil (a, or Hydrology) bignificant/disturbed? Are normal circumstances present? Townshp: Are Vegetation Is oil (a, or Hydrology) bignificant/disturbed soll. Townshp: Townshp: Hydrology Hole Vegetation Is This Sampling Point Within A Wetland? Yes Is This Sampling Point Within A Wetland? Yes Hydrology Indicators (Check all that apply: Minimum of one primary or two secondary required): Is This Sampling Point Within A Wetland? Yes Pinnary: - A - station Present? Yes Is This Sampling Point Within A Wetland? Yes Proceed and thydrology Indicators (Check all that apply: Minimum of one primary or two secondary required): Secondary: Bis - Sparshy Vegetated Conceve Surface Bis - Sparshy Vegetated Conceve Surface B - A - Hydri Water Table B11 - Sait Crust B3 - Sparshy Vegetated Conceve Surface B3 - Sparshy Vegetated Conceve Surface B3 - Sparshy Vegetated Conceve Surface B + Mater Marks C - DrySeason Water Table C - Orwidea Rhizosphores on Living Roots (not tilk C - C - Sait Medica Rhizosphores on Living Roots (not tilk C - C - Sait Medica Rhizosphores on Living Roots (not tilk C - Sait Act and the act an
Are Vegetation Soil it, or Hydrology Dir. Are Vegetation Soil it, or Hydrology Dir. SUMMARY OF FINDINGS Hydrology Dir. Hydrology Present? Yes Hydrology Present? Yes Hydrology Present? Yes Hydrology Is This Sampling Point Within A Wetland? Yes Hydrology Is This Sampling Point Within A Wetland? Yes Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Primary Are statistic format B11 - Sait Crust Are statistic B13 - Aquatic Faria B5 - Surface Soil Cracks B A - Surface Water B11 - Sait Crust B6 - Surface Soil Cracks B A - Surface Water B11 - Sait Crust B6 - Surface Soil Cracks B A - Surface Water B13 - Aquatic Faria B6 - Surface Soil Cracks B A - Surface Water B13 - Aquatic Faria B6 - Surface Soil Cracks B A - Surface Water C - Hydrogen Sulfide Odor B10 - Drainage Patterns B A - Agal Min Crust C - C - Specano Water Table C - Hydrogen Sulfide Odor B A - Agal Min Crust C - C - Specano Water Table C - C - Specano Water Table B S - Dirt Inc. C - Present? C - Hydrology Present? B S - Indication Visitio on Aerial Imagery C - Present? C - Specano Water Table B S - Indication Visitio on Aerial Imagery C - Present? C - Specano Water Table B S - Indication Vestor C - Deprimer <t< td=""></t<>
Are Vegetation Soil L or Hydrology Daturally problematic? If Yes No Range: Dir: SUMMARY OF FINDINGS Hydrology Present? Yes Hydrology Present? Yes Hydrology Present? Yes Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Is This Sampling Point Within A Wetland? Yes Primax: A1 - Surface Water B11 - Sati Crust B8 - Surface Soil Cracks If A1 - Surface Water B11 - Sati Crust B8 - Surface Soil Cracks If A2 - High Water Table B13 - Aquatic Fauna B8 - Surface Soil Cracks If A2 - Surface Marks If C - Phydrogs Sufface Origon B3 - Saturation C - Phydrogs Sufface Origon If B1 - Water Marks If C - Phydrogs Sufface Origon C - Presence of Reduced Iron B3 - Saturation Visible on Aerial Imagery If B2 - Mater Name Crust If C - Thin Mukk Sufface If C - Thin Mukk Sufface If C - Presence of Reduced Iron If D - Frost-Heaved Hummocks (LRR F) If B3 - Mater Present? Yes Depth: If D If (in,) Wetland Hydrology Present? Y Sufface Water Present? Yes Depth: If D (in,) Wetland Hydrology Present? Y Sufface
SUMMARY OF FINDINES Hydrophytic Vegetation Present? Yes Wetland Hydrology Present? Yes Hydric Soils Present? Yes Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Primax Bit Stat Crust Secondary: Bit Surface Soil Cracks Primax - Surface Water B11 - Sait Crust B8 - Sarraety Vegetated Coxoare Surface B3 - Appatition B10 - Appatition C3 - Oxidical Rhizospheres on Living Roots (not tilk C3 - Oxidical Rhizospheres on Living Roots (not tilk C3 - Chridital Rhizospheres on Living Roots (not tilk C3 - Saturation Visible on Aerial Imagery B3 - Settime Obspoints C4 - Presence of Reduced from C3 - Saturation Visible on Aerial Imagery D5 - FAC-Neutral Test D2 - Geomorphic Postion D2 - Geomorphic Postion B4 - Appal Mator Visible on Aerial Imagery Other (Explain) D5 - FAC-Neutral Test D7 - Frost-Heaved Hurmocks (LRR F) Sutration Present? Yes Depth: 10 (in.) Wetland Hydrology Present? Y Solustation Present? Yes
Hydric Solis Present? Yes Hydric Solis Present? Yes Wetland Hydrology Present? Yes Is This Sampling Point Within A Wetland? Yes Remarks: The wetland is a tilled field with disturbed soil. Is This Sampling Point Within A Wetland? Yes Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Secondary. Primary. A1 - Surface Water B11 - Sait Crust B6 - Surface Soil Cracks A2 - High Water Table B13 - Aquatic Fauns B6 - Surface Soil Cracks B7 - Surface Water B3 - Surface Water C1 - Hydrogen Sulfde Odor B10 - Dranage Patterns B3 - Dranage Patterns B3 - Surface Soil Cracks C2 - Ory Stason Water Table C3 - Oxidate Mizospheres on Living Roots (not tilk C6 - Saurface Soil Cracks B3 - Surface Mater Cast C3 - Oxidate Rizospheres on Living Roots (not tilk C6 - Saurface Soil Cracks C3 - Oxidate Mizospheres on Living Roots (not tilk C6 - Saurface Soil Cracks B4 - Algat Marks C2 - Ory Stason Water Table C3 - Oxidate Mizospheres on Living Roots (not tilk C6 - Saurface Soil Cracks C3 - Oxidate Mizospheres on Living Roots (not tilk C6 - Saurface Soil Cracks C6 - Trashink
Wetland Hydrology Present? Yes Remarks: The wetland is a tilled field with disturbed soil. HYDROLOGY Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Primary: A1 - Surface Water B11 - Sait Crust B6 - Surface Soil Cracks A2 - High Water Table B11 - Sait Crust B6 - Surface Soil Cracks B3 - Aquatic Faura C1 - Hydrogen Sulfide Odor B8 - Sparsely Vegetated Concave Surface B4 - Nagal Mat or Crust C2 - Ory Season Water Table C3 - Oxidized Rhizospheres on Living Roots (not till B4 - Algal Mat or Crust C7 - Thim Muck Surface C9 - Casthis Burrows B7 - Inundation Visible on Aerial Imagery C7 - Thim Muck Surface C9 - Season Water Table B7 - Inundation Visible on Aerial Imagery C7 - Thim Muck Surface C9 - Season Water Tester B7 - Inundation Visible on Aerial Imagery Depth:
Remarks: The wetland is a tilled field with disturbed soil. HYDROLOGY Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Secondary: Bit - Saturation
Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Primary A1 - Surface Water B11 - Salt Crust Be - Surface Soil Cracks A2 - High Water Table B11 - Salt Crust B8 - Sparsely Vegetated Concave Surface B3 - Algain Endown C1 - Hydrogen Sutide Odor B0 - Drainage Patterns B0 - Drainage Patterns B3 - Drift Deposits C2 - Dry Season Water Table C3 - Oxidized Rhizospheres on Living Roots (not till B4 - Algain Mat or Crust C3 - Oxidized Rhizospheres on Living Roots (not till C9 - Saturation Visible on Aerial Imagery B5 - Iron Deposits C3 - Dri Muck Surface D5 - FAC-Neutral Test D 2 - Geomorphic Position B9 - Water-Stained Leaves Other (Explain) Wetland Hydrology Present? Y Vater Table Present? Yes Depth:10(in,) Wetland Hydrology Present? Y Sturation Present? Yes Depth:10(in,) Wetland Hydrology Present? Y Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Trype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix) Depth (In.) Matrix Mottles Tope Loccation Texture Remarks
Wetland Hydrology Indicators (Check all that apply; Minimum of one primary or two secondary required): Primary A1 - Surface Water B11 - Salt Crust Be - Surface Soil Cracks A2 - High Water Table B11 - Salt Crust B8 - Sparsely Vegetated Concave Surface B3 - Algain Endown C1 - Hydrogen Sutide Odor B0 - Drainage Patterns B0 - Drainage Patterns B3 - Drift Deposits C2 - Dry Season Water Table C3 - Oxidized Rhizospheres on Living Roots (not till B4 - Algain Mat or Crust C3 - Oxidized Rhizospheres on Living Roots (not till C9 - Saturation Visible on Aerial Imagery B5 - Iron Deposits C3 - Dri Muck Surface D5 - FAC-Neutral Test D 2 - Geomorphic Position B9 - Water-Stained Leaves Other (Explain) Wetland Hydrology Present? Y Vater Table Present? Yes Depth:10(in,) Wetland Hydrology Present? Y Sturation Present? Yes Depth:10(in,) Wetland Hydrology Present? Y Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators.) Trype: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix) Depth (In.) Matrix Mottles Tope Loccation Texture Remarks
Primary Secondary: A1 - Surface Water B11 - Statt Crust B6 - Surface Soil Cracks A3 - Saturation C1 - Hydrogen Sulfide Odor B8 - Sparsely Vegetated Concave Surface B1 Water Marks C2 - Dry Season Water Table B10 - Drainage Patterns B10 - Drainage Patterns B2 - Soft Deposits C3 - Oxidized Rhizospheres on Living Roots (not tilk B6 - Surface Soil Cracks B3 - Drit Deposits C3 - Oxidized Rhizospheres on Living Roots (not tilk C3 - Oxidized Rhizospheres on Living Roots (not tilk B5 - Iron Deposits C7 - Thin Muck Surface C7 - Thin Muck Surface C9 - Staturation Visible on Aerial Imagery B7 - Inundation Visible on Aerial Imagery Dotter (Explain) C9 - FAC-Neutral Test C9 - FAC-Neutral Test B7 - Inundation Visible on Aerial Imagery Depth: 15 (in.) Wetland Hydrology Present? Y Surface Water Present? Yes Depth: 15 (in.) Wetland Hydrology Present? Y Surface Vater Tresent? Yes Depth: 15 (in.) Wetland Hydrology Present? Y Surface Vater Present? Yes Depth: 10 (in.) Wetland Hydrology Present? Y S
Primary Secondary: A1 - Surface Water B11 - Statt Crust B6 - Surface Soil Cracks A3 - Saturation C1 - Hydrogen Sulfide Odor B8 - Sparsely Vegetated Concave Surface B1 Water Marks C2 - Dry Season Water Table B10 - Drainage Patterns B10 - Drainage Patterns B2 - Soft Deposits C3 - Oxidized Rhizospheres on Living Roots (not tilk B6 - Surface Soil Cracks B3 - Drit Deposits C3 - Oxidized Rhizospheres on Living Roots (not tilk C3 - Oxidized Rhizospheres on Living Roots (not tilk B5 - Iron Deposits C7 - Thin Muck Surface C7 - Thin Muck Surface C9 - Staturation Visible on Aerial Imagery B7 - Inundation Visible on Aerial Imagery Dotter (Explain) C9 - FAC-Neutral Test C9 - FAC-Neutral Test B7 - Inundation Visible on Aerial Imagery Depth: 15 (in.) Wetland Hydrology Present? Y Surface Water Present? Yes Depth: 15 (in.) Wetland Hydrology Present? Y Surface Vater Tresent? Yes Depth: 15 (in.) Wetland Hydrology Present? Y Surface Vater Present? Yes Depth: 10 (in.) Wetland Hydrology Present? Y S
A2 - High Water Table B13 - Aquatic Fauna B3 - Sparsely Vegetated Concave Surface A3 - Saturation C1 - Hydrogen Sulface Odor B1 - Oranage Patterns B1 - Water Marks C2 - Dry Season Water Table C3 - Oxidized Rhizospheres on Living Roots (not tilk B3 - Drift Deposits C4 - Presence of Reduced Iron C3 - Oxidized Rhizospheres on Living Roots (not tilk B3 - Drift Deposits C4 - Presence of Reduced Iron C9 - Saturation Visible on Aerial Imagery B4 - Algal Mat or Crust C7 - Thin Muck Surface D5 - FAC-Neutral Test B7 - Inundation Visible on Aerial Imagery D5 - FAC-Neutral Test D5 - FAC-Neutral Test B9 - Water Stained Leaves Depth: 15 (in.) Water Table Present? Yes Depth: 15 Obscribe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Wetland Hydrology Present? Y Solit S Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators.) (Trype: C-Concentration, D=Depletion, RM-Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix) Vegeth (In.) Matrix Mottles Texture Remarks Depth (In.) Color (Moist) % Color (Moist) T
 A3 - Saturation C1 - Hydrogen Sulfide Odor
B1 - Water Marks C2 - D'x Sason Water Table C3 - Oxidized Rhizospheres on Living Roots (tilled) B2 - Sediment Deposits C3 - Oxidized Rhizospheres on Living Roots (not tille C3 - Oxidized Rhizospheres on Living Roots (tilled) B3 - Drift Deposits C4 - Presence of Reduced Iron C8 - Crayfish Burrows C8 - Crayfish Burrows B4 - Algal Mat or Crust C7 - Thin Muck Surface D2 - Geomorphic Position D5 - Iron Deposits B5 - Iron Deposits Other (Explain) D5 - Frost-Heaved Hummocks (LRR F) B9 - Water-Stained Leaves Depth: 15 (in.) Vatare Water Present? Yes Depth: 15 (in.) Saturation Present? Yes Depth: 10 (in.) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Feremarks: Remarks: The wetland is observed to have a water table and saturation below 10 inches. SOILS Profile Describe to the depth needed to document the indicator or confirm the absence of indicators.) Texture Remarks: Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix) Executive Remarks Remarks Depth (In.) Color (Moist) % Type Location
B2 - Sediment Deposits C3 - Oxidized Rhizospheres on Living Roots (not till C3 - Crayfish Burrows B3 - Drift Deposits C4 - Presence of Reduced Iron C9 - Saturation Visible on Aerial Imagery B7 - Inundation Visible on Aerial Imagery Other (Explain) D2 - Geomorphic Position B9 - Water-Stained Leaves Depth: (in.) Field Observations: Depth: 15 Surface Water Present? Yes Depth: 15 Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: The wetland is observed to have a water table and saturation below 10 inches. SolLS Profile Describe not (Describe to the depth needed to document the indicator or confirm the absence of indicators.) (Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix) Depth (In.) Color (Moist) % Otor (Moist) % Color (Moist) % Uppeth (In.) Color (Moist) % Type Exclass
□ B4 - Algal Mat or Crust □ C7 - Thin Muck Surface □ D2 - Geomorphic Position □ B5 - Iron Deposits □ Other (Explain) □ D5 - FAC-Neutral Test □ B7 - Inundation Visible on Aerial Imagery □ D7 - Trost-Heaved Hummocks (LRR F) □ B9 - Water-Stained Leaves □ Depth:
B5 - Iron Deposits Other (Explain) D5 - FAC-Neutral Test B7 - Inundation Visible on Aerial Imagery D7 - Frost-Heaved Hummocks (LRR F) B9 - Water-Stained Leaves Depth: (in.) Field Observations: Depth: (in.) Surface Water Present? Yes Depth: (in.) Saturation Present? Yes Depth: 10 Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: E Remarks: The wetland is observed to have a water table and saturation below 10 inches. SOILS Profile Description (Description (Describe to the depth needed to document the indicator or confirm the absence of indicators.) (Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix) Depth (In.) Color (Moist) % Depth (In.) Color (Moist) % Type 0-12 Hue_10YR 2/1 100 SCL 12-15 Hue_10YR 4/2 100 LFS
B7 - Inundation Visible on Aerial Imagery D7 - Frost-Heaved Hummocks (LRR F) B9 - Water-Stained Leaves Depth: (in.) Field Observations: Surface Water Present? Yes Depth: (in.) Water Table Present? Yes Depth: 15 (in.) Saturation Present? Yes Depth: 10 (in.) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: Remarks: The wetland is observed to have a water table and saturation below 10 inches. SOILS Profile Describe to the depth needed to document the indicator or confirm the absence of indicators.) (Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix) Matrix Mottles Depth (in.) Color (Moist) % 0-12 Hue_10YR 2/1 100 12-15 Hue_10YR 4/2 100
B9 - Water-Stained Leaves Field Observations: Surface Water Present? Yes Depth:
Surface Water Present? Yes Depth: (in.) (in.) Wetland Hydrology Present? Y Water Table Present? Yes Depth: 15 (in.) (in.) (in.) Saturation Present? Yes Depth: 10 (in.) (in.) (in.) Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available: Remarks: The wetland is observed to have a water table and saturation below 10 inches. SolLS Profile Description (Describe to the depth needed to document the indicator or confirm the absence of indicators.) (Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered/Coated Sand Grains; Location: PL=Pore Lining, M=Matrix) Depth (In.) Color (Moist) % Color (Moist) Remarks 0-12 Hue_10YR 2/1 100 SCL Remarks 12-15 Hue_10YR 4/2 100 LFS Location
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0-12 Hue_10YR 2/1 100 SCL 12-15 Hue_10YR 4/2 100 LFS
12-15 Hue_10YR 4/2 100 III III III IIII IIII IIII IIII II
NRCS Hydric Soil Field Indicators (check here if indicators are not present):
Indicators for Problematic Soils ¹
□ A1- Histosol □ S5 - Sandy Redox □ A9 - 1 cm Muck (LRR I, J)
A2 - Histic Epipedon D S6 - Stripped Matrix A16 - Coast Prairie Redox (LRR F, G, H)
□ A3 - Black Histic □ F1 - Loamy Mucky Mineral □ S7 - Dark Surface (LRR G)
A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73)
A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic
 A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic A9 - 1 cm Muck (LRR FGH) F6 - Redox Dark Surface TF2 - Red Parent Material
 A4 - Hydrogen Sulfide A5 - Stratified Layers (LRR F) A9 - 1 cm Muck (LRR FGH) F6 - Redox Dark Surface F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) F18 - Reduced Vertic TF2 - Red Parent Material
 A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic A9 - 1 cm Muck (LRR FGH) F6 - Redox Dark Surface F7 - Depleted Dark Surface F7 - Depleted Dark Surface F8 - Redox Depressions F8 - Redox Depressions S1 - Sandy Mucky Mineral F16 - High Plains Depressions (MLRA 72, 73 of LRR H)
 A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic F12 - Red Parent Material TF12 - Very Shallow Dark Surface F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) F17 - Depleted Dark Surface F7 - Depleted Dark Surface F8 - Redox Depressions F8 - Redox Depressions S1 - Sandy Mucky Mineral F16 - High Plains Depressions (MLRA 72, 73 of LRR H) S2 - 2.5 cm Mucky Peat or Peat (LRR G, H)
 A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic A9 - 1 cm Muck (LRR FGH) F6 - Redox Dark Surface F7 - Depleted Dark Surface F7 - Depleted Dark Surface F8 - Redox Depressions F8 - Redox Depressions (MLRA 72, 73 of LRR H) S1 - Sandy Mucky Mineral F16 - High Plains Depressions (MLRA 72, 73 of LRR H) S2 - 2.5 cm Mucky Peat or Peat (LRR G, H) S3 - 5 cm Mucky Peat or Peat (LRR F)
 A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic F12 - Red Parent Material TF12 - Very Shallow Dark Surface F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) F17 - Depleted Dark Surface F7 - Depleted Dark Surface F8 - Redox Depressions F8 - Redox Depressions S1 - Sandy Mucky Mineral F16 - High Plains Depressions (MLRA 72, 73 of LRR H) S2 - 2.5 cm Mucky Peat or Peat (LRR G, H)
A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic A9 - 1 cm Muck (LRR FGH) F6 - Redox Dark Surface TF2 - Red Parent Material A11 - Depleted Below Dark Surface F7 - Depleted Dark Surface TF12 - Very Shallow Dark Surface A12 - Thick Dark Surface F8 - Redox Depressions Ø Other (Explain in Remarks) S1 - Sandy Mucky Mineral F16 - High Plains Depressions (MLRA 72, 73 of LRR H) S2 - 2.5 cm Mucky Peat or Peat (LRR G, H) F16 - High Plains Depressions (MLRA 72, 73 of LRR H) S3 - 5 cm Mucky Peat or Peat (LRR F) S4 - Sandy Gleyed Matrix
 A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic A9 - 1 cm Muck (LRR FGH) F6 - Redox Dark Surface F7 - Depleted Dark Surface F7 - Depleted Dark Surface F8 - Redox Depressions F8 - Redox Depressions (MLRA 72, 73 of LRR H) S1 - Sandy Mucky Mineral F16 - High Plains Depressions (MLRA 72, 73 of LRR H) S2 - 2.5 cm Mucky Peat or Peat (LRR G, H) S3 - 5 cm Mucky Peat or Peat (LRR F)
A4 - Hydrogen Sulfide F2 - Loamy Gleyed Matrix F16 - High Plains Depressions (LRR H, outside MLRA 72, 73) A5 - Stratified Layers (LRR F) F3 - Depleted Matrix F18 - Reduced Vertic A9 - 1 cm Muck (LRR FGH) F6 - Redox Dark Surface TF2 - Red Parent Material A11 - Depleted Below Dark Surface F7 - Depleted Dark Surface TF12 - Very Shallow Dark Surface A12 - Thick Dark Surface F8 - Redox Depressions Ø Other (Explain in Remarks) S1 - Sandy Mucky Mineral F16 - High Plains Depressions (MLRA 72, 73 of LRR H) S2 - 2.5 cm Mucky Peat or Peat (LRR G, H) F16 - High Plains Depressions (MLRA 72, 73 of LRR H) S3 - 5 cm Mucky Peat or Peat (LRR F) S4 - Sandy Gleyed Matrix

WETLAND DETERMINATION DATA FORM Great Plains Region

Project/Site:	L3R				Sample Point: w-154n44w33-q1	
VEGETATIO	N (Species identified in all uppercase are	e non-native s	pecies.)			
Tree Stratum	(Plot size: 30 ft. radius)					
	<u>Species Name</u>	<u>% Cover</u>	<u>Dominant</u>	Ind.Status	Dominance Test Worksheet	
1.						
2.					Number of Dominant Species that are OBL, FACW, or FAC: 2 (A)	
3.						
4.					Total Number of Dominant Species Across All Strata: 2 (B)	
5.						
6.					Percent of Dominant Species That Are OBL, FACW, or FAC: 100.0% (A/B)	
7.						
8.	<u></u> _				Prevalence Index Worksheet	
9.					Total % Cover of: Multiply by:	
10.						
10.	 Total Cover =	0			OBL spp. 20 X 1 = 20 FACW spp. 10 X 2 = 20	
		0				
	Other trans (Dist sizes 45 ft as dive)				FAC spp.0x3 =0FACU spp.0x4 =0	
	Stratum (Plot size: 15 ft. radius)				$FACU \text{ spp.} \qquad 0 \qquad X \ 4 = 0$	
1.					UPL spp. 0 $x 5 = 0$	
2.						
3.					Total <u>30</u> (A) <u>40</u> (B)	
4.						
5.					Prevalence Index = B/A = <u>1.333</u>	
6.						
7.						
8.					Hydrophytic Vegetation Indicators:	
9.					Rapid Test for Hydrophytic Vegetation	
10.					X Dominance Test is > 50%	
	 Total Cover =	0			X Prevalence Index is ≤ 3.0 *	
	-		•		Morphological Adaptations (Explain) *	
Herb Stratum (Plot size: 5 ft. radius)				Problem Hydrophytic Vegetation (Explain) *		
1.Rorippa palustris20YOBL						
2.		10	<u> </u>	FACW	* Indicators of hydric soil and wetland hydrology must be	
	Poa palustris	10	I	FACVV	present, unless disturbed or problematic.	
3.						
4.					Definitions of Vegetation Strata:	
5.					-	
6					Tree - Woody plants 3 in. (7.6cm) or more in diameter at breast	
7.					height (DBH), regardless of height.	
8.						
9.					Sapling/Shrub - Woody plants less than 3 in. DBH, regardless of height.	
10.						
11.						
12.					Herb - All herbaceous (non-woody) plants, regardless of size.	
13.						
14.						
15.					Woody Vines - All woody vines, regardless of height.	
	Total Cover =	30				
		00				
Woody Vine Stratum (Plot size: 30 ft. radius)						
	1					
2.					Underendentie Versetation Descent 0	
3.					Hydrophytic Vegetation Present? Y	
5.						
4.					-	
Total Cover = 0						
Remarks: The wetland sample point is dominated by bog yellowcress and fowl bluegrass.						
Additional Remarks:						