

Non-water point nosoo004 facing north.
(NHD, not a stream)



Non-water point nosoo005 facing east.
(NHD, not a stream)



Non-water point nosoo005 facing west. (NHD, not a stream)



Non-water point nosoo005 facing north. (NHD, not a stream)



Non-water point nosoo006 facing west. (NHD, not a stream)



Non-water point nosoo006 facing east. (NHD, not a stream)



Non-water point nosoo006 facing north. (NHD, not a stream)



Non-water point nosoo007 facing east. (NHD, not a stream)



Non-water point nosoo007 facing west. (NHD, not a stream)



Non-water point nosoo007 facing north. (NHD, not a stream)

WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

| Project/Site: SERP City/County: Sc | uthampton Sampling Date: 08/25/14 |
|--|---|
| Applicant/Owner: Dominion Transmission | |
| Investigator(s): R. Sheridan, W. Medlin Section, Township | |
| Landform (hillslope, terrace, etc.): Fla+Woods Local relief (concar | ve convex none): 1000 . Slope (%): NA |
| Subregion (LRR or MLRA): LRRT Lat: 36, 639031500 | Long: 7/4 933455668 Detum: NADX |
| Subregion (LRR or MLRA): Lat. 36, 6100 (LRR or MLRA): | Classical Annual Section N/A |
| Soil Map Unit Name: Roanske loan, O to 2% slopes, occasionally | |
| Are climatic / hydrologic conditions on the site typical for this time of year? Yes N | lo (If no, explain in Remarks.) |
| Are Vegetation, Soil, or Hydrology significantly disturbed? | Are "Normal Circumstances" present? Yes No |
| 710 Togotation, 0011, 0111 July 1012 | If needed, explain any answers in Remarks.) |
| SUMMARY OF FINDINGS – Attach site map showing sampling poi | nt locations, transects, important features, etc. |
| Hydrophytic Vegetation Present? Yes No Is the Sam | pled Area |
| Hydric Soil Present? Yes No within a We | etland? Yes No <u>V</u> |
| Wetland Hydrology Present? Yes No | |
| Remarks: 10-15 yr. Planted Pine Plantiation | nith hardwood |
| encroachment. All 3 criteria are not me | t. Area is not a wetland |
| | |
| PHOTOS # 100 - 0917 to 0921 Soils, N.E.S.W | (WLM camera) |
| HYDROLOGY | |
| Wetland Hydrology Indicators: | Secondary Indicators (minimum of two required) |
| Primary Indicators (minimum of one is required; check all that apply) | Surface Soil Cracks (B6) |
| Surface Water (A1) Aquatic Fauna (B13) | Sparsely Vegetated Concave Surface (B8) |
| High Water Table (A2) Marl Deposits (B15) (LRR U) | Drainage Patterns (B10) |
| Saturation (A3) Hydrogen Sulfide Odor (C1) | Moss Trim Lines (B16) |
| Water Marks (B1) Oxidized Rhizospheres along Living R | oots (C3) Dry-Season Water Table (C2) |
| Sediment Deposits (B2) Presence of Reduced Iron (C4) | Crayfish Burrows (C8) |
| Drift Deposits (B3) Recent Iron Reduction in Tilled Soils (| |
| Algal Mat or Crust (B4) Thin Muck Surface (C7) | Geomorphic Position (D2) |
| Iron Deposits (B5) Other (Explain in Remarks) | Shallow Aquitard (D3) |
| Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) | FAC-Neutral Test (D5) Sphagnum moss (D8) (LRR T, U) |
| Field Observations: | Spriagrium moss (Do) (ERR 1, U) |
| Surface Water Present? Yes No Depth (inches): | |
| Water Table Present? Yes No Depth (inches): | |
| Saturation Present? Yes No Depth (inches): | Wetland Hydrology Present? Yes No |
| (includes capillary fringe) | |
| Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspect | ions), if available: |
| NA | |
| Remarks: | , , , |
| Hydrology criteria not met. Area no | t a wetland. |
| | |
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VEGETATION (Five Strata) – Use scientific names of plants.

| | Absolute | Dominant | Indicator | Dominance Test worksheet: |
|--|-------------------|----------------|---------------------|--|
| Tree Stratum (Plot size: 30ft) | | Species? | | Number of Dominant Species |
| 1. Pinus taeda | 55 | Y | FAC | That Are OBL, FACW, or FAC: (A) |
| 2. | | | , | |
| | | | | Total Number of Dominant Species Across All Strata: (B) |
| 3 | | | • | Species Across All Strata: (B) |
| 4 | | | | Percent of Dominant Species |
| 5 | | | | That Are OBL, FACW, or FAC: (A/B) |
| 6 | | | | |
| 0 | 8.55 | = Total Cov | er | Prevalence Index worksheet: |
| | | | | Total % Cover of: Multiply by: |
| 50% of total cover: <u>27.</u> | > 20% 0 | t total cover | | OBL species x 1 = |
| Sapling Stratum (Plot size: ISFT) | | J | FAC | FACW species 27 x 2 = 54 |
| 1. Pinus taecla | 20 | | | PACV species 21 A2 591 |
| 2 Liquidambar Styracifluo | 20 | Y | FAC | FAC species |
| 2. Transition | 15 | \ | FAC | FACU species x 4 = |
| 3. Aret rubrum | | . , | FAC | UPL species |
| 4 | | | | Column Totals: 241 (A) 8 696 (B) |
| 5 | | · | | 1: |
| 6. | | | | Prevalence Index = B/A = 2.87 |
| | \$55 | = Total Cov | /er | Hydrophytic Vegetation Indicators: |
| 77 | | | | |
| 50% of total cover: <u>27.</u> | 0 %20 ح | ıı lolal cover | | 1 - Rapid Test for Hydrophytic Vegetation |
| Shrub Stratum (Plot size: 15ft) | 20 | 4 | FAC | 2 - Dominance Test is >50% |
| 1. Pinus taeda | | | • | 3 - Prevalence Index is ≤3.0 ¹ |
| 2 liquidambar Styrauflue | (20 | . <u> </u> | FAC | Problematic Hydrophytic Vegetation ¹ (Explain) |
| 3. Ilex decidua. | 10 | N | FACW | |
| 4. Magnolia virginiana. | 10 | N | FACW | 1 |
| 4. May bix a viv gir ct with | | Ŋ | FACW | ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. |
| 5. Quercus phellos | | | | |
| 6. Overcus alba | 5 | . ~ | FACU | Definitions of Five Vegetation Strata: |
| Fagus grandifolia N(5) | y 75 | = Total Cov | _{les} FACU | Tree – Woody plants, excluding woody vines, |
| 50% of total cover: 32. | 5 20% o | f total cover | : 15 | approximately 20 ft (6 m) or more in height and 3 in. |
| Herb Stratum (Plot size: 5 ft) | | | | (7.6 cm) or larger in diameter at breast height (DBH). |
| 1. Chasmanthum Sessilifla | am 5 | Y | FAC | |
| 1. Old Stract (Vacolity Sessite 1 W | 2000 | • • | | Sapling – Woody plants, excluding woody vines, approximately 20 ft (6 m) or more in height and less |
| 2 Rubus argutus | <u> </u> | | FAC | than 3 in. (7.6 cm) DBH. |
| 3. Calicarpa americana | 2 | . 1 | FACU | |
| 4. Consclinium coelestinu | m^2 | N | FAC | Shrub – Woody plants, excluding woody vines, |
| 5. Vaccinium corymbosium | 2 | N | FACW | approximately 3 to 20 ft (1 to 6 m) in height. |
| 9. <u>VACCO INCOLO SE COLO INCOLO SE C</u> | | · — · | 111000 | Library All branches constructions |
| 6 | | | | Herb – All herbaceous (non-woody) plants, including herbaceous vines, regardless of size, <u>and</u> woody |
| 7 | | - | | plants, except woody vines, less than approximately |
| 8 | | | | 3 ft (1 m) in height. |
| 9 | | | | , , , , , , , , , , , , , , , , , , , |
| 10. | | | | Woody vine – All woody vines, regardless of height. |
| 11. | _ | - | | |
| | 0 10 | | | |
| | . <u>~ 16</u> | = Total Cov | ^{/er} | |
| 50% of total cover: | 20% o | f total cover | :_ <i>J.L</i> | |
| Woody Vine Stratum (Plot size: 30) | | J | - | |
| 1. Smilax rotundifolium | 15 | 7 | FAC | |
| | CIA | · 🗸 | FAC | |
| 2 Gelsemum sem perviren 3 Parthenosissus quinquetolia | <u> </u> | . ^ | FACU | |
| 3. FUI LIKNO OI SSUS GUINGUETOILA | 10 | . 1 | , ACO | |
| 4 | <u> </u> | • | | |
| 5 | | _ | | Hydrophytic |
| | ×35 | = Total Cov | /er | Vegetation |
| 50% of total cover: <u>17-</u> | | | | Present? Yes No No |
| | | ioiai oovel | · <u> </u> | |
| Remarks: (If observed, list morphological adaptations bel | ' - ' | | | |
| Hydrophytic Vegetation Criteria | Met | , | | |
| 1 | | | | |
| 1 | | | | |

| | | (4l dam | th mondad to docum | ent the i | ndicator | or confir | m the absence of indicators.) |
|--|----------------------------------|--|---------------------|-------------------|---------------------|------------------|---|
| Profile Desc | | to the dep | Dodo | · Footure | | | m the absence of indicators.) |
| Depth | Matrix Color (moist) | % | Color (moist) | Feature % | Type ¹ _ | Loc ² | Texture Remarks |
| (inches) | Color (moist) | 100 | NA | | | | fine Sandy Loam |
| 0-4 | 104R 4/3 | 100 | | | | | Silt Loam Mixed matrix |
| 4-9 | 104K 6/3 | <u> 10 </u> | NA | | . – | | |
| 4-9 | 164R 413 | 30 | NA | | | | Silt Loan mixed mam |
| 20 | 1110 | 98 | 104R 5/8 | 2 | <u>_</u> | Μ | SiltyClayLoan |
| 1-70 | 104K 1/6 | 10 | 1016 010 | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| 1 | | | =Reduced Matrix, MS | | · · · Sand Gr | ains | ² Location: PL=Pore Lining, M=Matrix. |
| Type: C=C | oncentration, D=Del | pletion, Rivi | LRRs, unless other | wise not | ed.) | <u> </u> | Indicators for Problematic Hydric Soils ³ : |
| 1 - | | able to all | Polyvalue Be | low Surfa | re (S8) (I | RR S. T. | U) 1 cm Muck (A9) (LRR O) |
| Histoso | | | Thin Dark Su | | | | 2 cm Muck (A10) (LRR S) |
| | pipedon (A2) | | Loamy Muck | | | | Reduced Vertic (F18) (outside MLRA 150A,B |
| | listic (A3) | | Loamy Gleye | • | | , | Piedmont Floodplain Soils (F19) (LRR P, S, T) |
| | en Sulfide (A4) d Layers (A5) | | Depleted Ma | | (- – / | | Anomalous Bright Loamy Soils (F20) |
| | Bodies (A6) (LRR F | P. T. U) | Redox Dark | • • | - 6) | | (MLRA 153B) |
| | ucky Mineral (A7) (L | | | | - | - | Red Parent Material (TF2) |
| . — | resence (A8) (LRR I | | Redox Depre | | | | Very Shallow Dark Surface (TF12) |
| ı — | uck (A9) (LRR P, T) | • | Marl (F10) (L | | | | Other (Explain in Remarks) |
| | d Below Dark Surface | e (A11) | Depleted Ocl | | (MLRA 1 | 51) | |
| | ark Surface (A12) | ` , | Iron-Mangan | | | | P, T) ³ Indicators of hydrophytic vegetation and |
| _ | rairie Redox (A16) (| MLRA 150 | A) Umbric Surfa | ce (F13) | (LRR P, T | , U) | wetland hydrology must be present, |
| Sandy I | Mucky Mineral (S1) (| LRR O, S) | Delta Ochric | (F17) (M I | RA 151) | | unless disturbed or problematic. |
| Sandy | Gleyed Matrix (S4) | | Reduced Ver | | | | |
| Sandy I | Redox (S5) | | Piedmont Flo | odplain S | oils (F19) | (MLRA 1 | 149A) |
| | d Matrix (S6) | | Anomalous B | right Loa | my Soils (| F20) (ML | .RA 149A, 153C, 153D) |
| | | | | _ | , , | , . | |
| | ırface (S7) (LRR P, | | | | | | |
| Restrictive | Layer (if observed) | | | | | | |
| | Layer (if observed) | | | | | | |
| Restrictive | Layer (if observed) | | | | | | Hydric Soil Present? Yes No |
| Restrictive | Layer (if observed) | | | | | | |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | | | | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | | eria not | - m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | | eria not | m | | | |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | | _ Leria not | ·m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | | _ eria not | m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | | _ Leria not | m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | | _ Leria not | m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | cril | | m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | | | ·m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | cril | | ·m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | cril | | m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | cril | | m | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | | | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | et; o | vea | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | et; o | vea | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | et; o | vea | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | et; o | vea | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | et; o | vea | Hydric Soil Present? Yes No |
| Restrictive Type: ^ Depth (in Remarks: | Layer (if observed) JA ches): MA | l cril | | | et; o | vea | Hydric Soil Present? Yes No |



Non-waterbody data point nosol010 facing east



Non-waterbody data point nosol010 facing south



Non-waterbody data point nosol010 soil sample



Non-water point nosor001 facing east. (NHD, not a stream)



Non-water point nosor001 facing south. (NHD, not a stream)



Non-water data point NOSOC051 facing northeast



Non-water data point NOSOC051 facing southwest



NOSOA012 facing east towards NHD line. Area was uniformly flooded, with no NHD channel characteristics.



NOSOA009 facing southwest on NHD line. No channel was observed.



Non-water point NOSOA013 facing north-northeast on NHD line. No channel was observed.



Non-water point nofrp001 facing northwest. (NHD, not stream)



Non-water point nofrp001 facing southeast. (NHD, not stream)

Photo Sheet 1 of 1

| WETLAND DETERMINATION DAT | TA FORM – Atlantic and Gulf Coastal Plain Region |
|---|---|
| Project/Site: ACP | City/County: SUFFOIK Sampling Date: 09/10/15 |
| Applicant/Owner: DOMINION | State: VA Sampling Point: 054009 |
| Investigator(s): R. Turnbull, C. IOSO FO | Section Township Range: N/A |
| | Local relief (concave, convex, none): NONE Slope (%): 0-4 |
| | 56.66769 Long: -76.83779 Datum: \N(\(\frac{1}{2}\)S8 |
| | NWI classification: N/A |
| Are climatic / hydrologic conditions on the site typical for this time of | |
| Are Vegetation, Soil, or Hydrology significa | V |
| Are Vegetation, Soil, or Hydrology naturally | |
| | TO CONTROL OF THE STATE OF THE |
| SOMMARY OF FINDINGS - Attach site map show | ving sampling point locations, transects, important features, etc. |
| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Yes No Wetland Hydrology Present? Permetter | within a Wetland? Yes No |
| Abnormally Dry conditions (based | on Sept. 15 Drought Monitor) |
| Monar Many 1919 Conditions (Date of | , |
| | |
| | |
| HYDROLOGY | |
| Wetland Hydrology Indicators: | Secondary Indicators (minimum of two required) |
| Primary Indicators (minimum of one is required; check all that ap | |
| Surface Water (A1) Aquatic Fauna High Water Table (A2) Marl Deposits | |
| | is (B15) (LRR U) Drainage Patterns (B10) Iffide Odor (C1) Moss Trim Lines (B16) |
| | cospheres along Living Roots (C3) Dry-Season Water Table (C2) |
| Sediment Deposits (B2) | Reduced Iron (C4) |
| | Reduction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) |
| Algal Mat or Crust (B4) Thin Muck Su | |
| ☐ Iron Deposits (B5) ☐ Other (Explain ☐ Inundation Visible on Aerial Imagery (B7) | n in Remarks) |
| Water-Stained Leaves (B9) | FAC-Neutral Test (D5) Sphagnum moss (D8) (LRR T, U) |
| Field Observations: | and opinion most (55) (4.44 t) 5) |
| Surface Water Present? Yes No _X _ Depth (in | nches): N/A |
| Water Table Present? Yes No _X _ Depth (in | |
| Saturation Present? Yes No _K_ Depth (ir (includes capillary fringe) | nches):>20 |
| Describe Recorded Data (stream gauge, monitoring well, aerial | I photos, previous inspections), if available: |
| | |
| Remarks: | |
| | 4 |
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| | Absolute Dominant Indicator | Dominance Test worksheets |
|--|-----------------------------|---|
| Tree Stratum (Plot size: 30X30) | % Cover Species? Status | Dominance Test worksheet: |
| 1. Quereus nigra | 30 Yes FAC | Number of Dominant Species That Are ORL FACW or FAC: (A) |
| 1. 12:11 | | That Are OBL, FACW, or FAC: (A) |
| 2. Linadendron tulipitera | 30 Yes FACU | Total Number of Dominant |
| 3. Acer rubnim | 20 Yes FAC | Species Across All Strata: (B) |
| 4 | | (-/ |
| | | Percent of Dominant Species |
| 5 | | That Are OBL, FACW, or FAC: 86% (A/B) |
| 6 | | Prevalence Index worksheet: |
| 7 | | |
| 8 | | Total % Cover of: Multiply by: |
| | 90 = Total Cover | OBL species x 1 = |
| 10 | = Total Cover | FACW species x 2 = |
| 50% of total cover: _TU | 20% of total cover: | |
| Sapling/Shrub Stratum (Plot size: | 1 | FAC species x 3 = |
| 1. Acer rubnum | 10 Yes FAC | FACU species x 4 = |
| 2. Liquidamber sturaciflua | In Nes FAC | UPL species x 5 = |
| V . | TO THE | Column Totals: (A) (B) |
| 3 | | (5) |
| 4 | | Prevalence Index = B/A = |
| 5 | | |
| | | Hydrophytic Vegetation Indicators: |
| 6 | | 1 - Rapid Test for Hydrophytic Vegetation |
| 7 | | 2 - Dominance Test is >50% |
| 8 | | 3 - Prevalence Index is ≤3.01 |
| The state of the s | 20 = Total Cover | |
| 50% of total cover: | | Problematic Hydrophytic Vegetation ¹ (Explain) |
| 20 V 20 | 20% of total cover | |
| Herb Stratum (Plot size: 30 X30) | CON TIME | ¹ Indicators of hydric soil and wetland hydrology must |
| 1. Clethra alnifolia | O Yes FACW | be present, unless disturbed or problematic. |
| 2. Pteridium aquilinium | 5 No FACIL | Definitions of Four Vegetation Strata: |
| | | |
| 3 | | Tree - Woody plants, excluding vines, 3 in. (7.6 cm) or |
| 4 | | more in diameter at breast height (DBH), regardless of |
| 5 | | height. |
| 6 | | Sanling/Shrub Woody plants evaluding vines less |
| | | Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. |
| 7 | | |
| 8 | | Herb - All herbaceous (non-woody) plants, regardless |
| 9 | | of size, and woody plants less than 3.28 ft tall. |
| 10 | | |
| | | violety vine - All woody vines greater than 5.25 it in |
| 11 | | height. |
| 12. | | - |
| | 50 = Total Cover | |
| 50% of total cover: 21. | 5 20% of total cover: | |
| | 2070 01 10121 00401. | - |
| Woody Vine Stratum (Plot size: 30 × 30 | 20 11 -10 | |
| 1. Smilax rotundifolia | Yes FAC | _ |
| 2 | | |
| | | |
| 3 | | - |
| 4 | | - |
| 5 | | - Hydrophytic |
| | 20 = Total Cover | Vegetation |
| 11 | | Present? Yes V No |
| 50% of total cover: | 20% of total cover: | |
| Remarks: (If observed, list morphological adaptations be | low). | |
| | | |
| | | |
| | | |
| | | |
| 4 | | |
| | | Q. |
| | | 8 |
| | | 8 |

| Depth | cription: (Describe to | o the depth h | | x Features | | or commin | the absence of | of indicator | 5.) | |
|----------|---|----------------|------------------------------|------------|----|------------------|----------------|---------------|---------------------------------|---------------|
| (inches) | Color (moist) | 1 | Color (moist) | % | | Loc ² | Texture | 100110 | Remarks | |
| 1-12 | 2-544/2 | 100 | = 12 | | | | LS | | | |
| 2-20 | 2-5451Z | 100 | | | | | L5 | | | |
| | **** | | | | | | ~ | | | 111111 |
| - | 7 | | | | | | | | | |
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| | oncentration, D=Deple | | | | | ains. | | | ning, M=Matrix | |
| | Indicators: (Applica | ble to all LRF | | | | | process . | | natic Hydric S | Soils*: |
| Histosol | pipedon (A2) | ł | Polyvalue Be Thin Dark Su | | | | | uck (A9) (L | | |
| | istic (A3) | 1 | Loamy Muck | | | | | luck (A10) (I | | ILRA 150A,B) |
| | en Sulfide (A4) | İ | Loamy Gleye | | | 0, | | | | (LRR P, S, T) |
| | d Layers (A5) | Ì | Depleted Ma | | / | | | | _oamy Soils (F | |
| Organic | Bodies (A6) (LRR P, | T, U)] | Redox Dark | | 6) | | | RA 153B) | , , | |
| | ucky Mineral (A7) (LR | | Depleted Da | | | | | arent Materia | | |
| | resence (A8) (LRR U) | | Redox Depre | | 8) | | | | Surface (TF1: | 2) |
| | uck (A9) (LRR P, T) | 1444 | Marl (F10) (L | | | _1. | U Other | Explain in F | temarks) | |
| _ | d Below Dark Surface | (A11) I | Depleted Oc | | | | T\ 31!:- | -46 | | -4 |
| | ark Surface (A12) Prairie Redox (A16) (N | 11 PA 150A) | Iron-Mangan Umbric Surfa | | | | | | rophytic veget gy must be pr | |
| | Mucky Mineral (S1) (L | | Delta Ochric | | | , 0) | | | d or problema | |
| | Gleyed Matrix (S4) | | Reduced Ve | | | OA. 150B) | | Jos distarbe | d or problema | |
| | Redox (S5) | | Piedmont Fl | | | | | | | |
| Strippe | d Matrix (S6) | | | | | | A 149A, 153C | , 153D) | | |
| | urface (S7) (LRR P, S | | _81 - 75 | | | | | | | |
| | Layer (if observed): | | | | | | | | | |
| | | | _ | | | | | | | V |
| | nches): | | | | | | Hydric Soi | Present? | Yes | No X |
| Remarks: | | | | | | | | | | |
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Non-water point nosup009 facing north. (NWI, not a wetland)



Non-water point nosup009 facing west. (NWI, not a wetland)



Non-water point nosup009 facing east. (NWI, not a wetland)



Non-water point nosup008 facing north. (NHD, not a stream)



Non-water point nosup008 facing south. (NHD, not a stream)



Non-water point nosup006 facing northeast. (NHD, not a stream)



Non-water point nosup006 facing southwest.
(NHD, not a stream)



Non-water point nosup007 facing north. (NHD, not a stream)



Non-water point nosup007 facing south. (NHD, not a stream)



Non-water point nosup010 facing north. (NHD, not stream)



Non-water point nosup010 facing south. (NHD, not stream)

Photo Sheet 1 of 2



Non-water point nosup010 facing west. (NHD, not stream)



Non-water point nosuo002 facing east. (NHD, not stream)



Non-water point nosuo002 facing west. (NHD, not stream)

| WETLAND DETERMINATION DATA | A FORM – Atlantic and Gulf Coastal Plain Region |
|--|---|
| Project/Site: ACP | City/County: Suffork Sampling Date: 10 21 15 |
| Applicant/Owner: DOMINION | State: VA Sampling Point: NO (40 00) |
| Investigator(s): Robon . C. Tour to | Section, Township, Range: |
| investigator(s). L | Section, Township, Range. 1919 |
| Landform (hillslope, terrace, etc.): Drunnage | Local relief (concave, convex, none): NONE Slope (%) 0-2 |
| | Leng: -76.805\3 Datum: W658 |
| Soil Map Unit Name: Rains fine sandy loa | M NWI classification: N A |
| Are climatic I hydrologic conditions on the site typical for this time of | |
| Are Vegetation, Soil, or Hydrology significant | tly 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 | ng sampling point locations, transects, important features, etc. |
| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? Remarks: Yes No Yes No | Is the Sampled Area within a Wetland? Yes No |
| HYDROLOGY | |
| Wetland Hydrology Indicators: | Secondary Indicators (minimum of two required) |
| Primary Indicators (minimum of one is required; check all that apply | y) Surface Soil Cracks (B6) |
| Surface Water (A1) Aquatic Fauna (E | |
| High Water Table (A2) Marl Deposits (B | |
| Saturation (A3) Hydrogen Sulfide | |
| | cheres along Living Roots (C3) Dry-Season Water Table (C2) |
| Sediment Deposits (B2) Presence of Red | |
| | uction in Tilled Soils (C6) Saturation Visible on Aerial Imagery (C9) |
| Algal Mat or Crust (B4) Thin Muck Surface | |
| Iron Deposits (B5) Other (Explain in | |
| Inundation Visible on Aerial Imagery (B7) Water-Stained Leaves (B9) | FAC-Neutral Test (D5) |
| Field Observations: | Sphagnum moss (D8) (LRR T, U) |
| Surface Water Present? Yes No X Depth (inche | NA Va |
| Water Table Present? Yes No X Depth (inche | |
| Saturation Present? Yes No X Depth (inche | V |
| (includes capillary fringe) | |
| Describe Recorded Data (stream gauge, monitoring well, aerial pho | otos, previous inspections), if available: |
| | |
| Remarks: | |
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| 201214 | Absolute | Dominant | Indicator | Dominance Test worksheet: |
|--|----------|--------------|-----------|--|
| Tree Stratum (Plot size: 30 \ 30 + 1 | % Cover | Species? | Status | Number of Dominant Species |
| 1. none | | | | That Are OBL, FACW, or FAC: (A) |
| 2. | | | | Total Number of Dominant |
| 3. | | | | Species Across All Strata: (B) |
| | | | | |
| 4 | | | | Percent of Dominant Species 7 |
| 5 | | | | That Are OBL, FACW, or FAC:(A/B) |
| 6 | | | | Prevalence Index worksheet: |
| 7 | | | | Total % Cover of: Multiply by: |
| 8 | - | | | |
| 540,445, PG, 540,000 S - 100,000 S - 100,0 | | = Total Co | ver | OBL species x 1 = |
| 50% of total cover: | 20% of | total cover | · | FACW species x 2 = |
| Sapling/Shrub Stratum (Plot size: 8 ()) () | | | | FAC species x 3 = |
| 1. Phus copallinum | 5 | M | UPL | FACU species x 4 = |
| 2 Liviodendron tulipitera | 160 | 1 | FACU | UPL species x 5 = |
| | 100 | - | | Column Totals: (A) (B) |
| 3. Platanus occidentalis | 100 | 17 | FACW | |
| 4. HILA YUNOYUNYI | 20 | 7 | FAC | Prevalence Index = B/A = |
| 5. UMManmour styraciflua | 10 | N | FAL | Hydrophytic Vegetation Indicators: |
| 6. TIPY ABANA | 5 | N | FAC | 1 - Rapid Test for Hydrophytic Vegetation |
| 7 | | | | X 2 - Dominance Test is >50% |
| | | | | 3 - Prevalence Index is ≤3.0¹ |
| 8 | 105 | = Total Co | | |
| 50% of total cover: <u>32</u> | 100 | = Total Co | 13 | Problematic Hydrophytic Vegetation ¹ (Explain) |
| 50% of total cover: | 20% of | total cover | | |
| Herb Stratum (Plot size: 30ft x 30ft) | 10 | Y | CMALL | ¹ Indicators of hydric soil and wetland hydrology must |
| 1. Arundinaria gigantea | | | FACW | be present, unless disturbed or problematic. |
| 2. Fubus aroutis | 5 | 1 | FAC | Definitions of Four Vegetation Strata: |
| 3. | | 450 [10.00] | | Tree - Woody plants, excluding vines, 3 in. (7.6 cm) or |
| 4. | | | | more in diameter at breast height (DBH), regardless of |
| 5. | | | | height. |
| | | | | Sapling/Shrub – Woody plants, excluding vines, less |
| 6. | | | | than 3 in. DBH and greater than 3.28 ft (1 m) tall. |
| 7 | | | | |
| 8 | | | | Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. |
| 9 | | | | of size, and woody plants less than 3.20 it tail. |
| 10 | | | | Woody vine - All woody vines greater than 3.28 ft in |
| 11 | | | | height. |
| 12 | | | | AS |
| | 15 | = Total Co | ver | |
| 50% of total cover: 1 | 5 20% of | f total cove | r: 3_ | |
| Woody Vine Stratum (Plot size: 30 430 +1) | | , | | |
| voody vine stratum (Plot size. | 5 | Y | FAC | |
| 1. Smilax rotunditolia | | 7 | CA | |
| 2 Campsis radicans | | 1 | 7170 | |
| 3. Lonivera japonila | 2 | Y | FACU | |
| 4. | | | | |
| 5. | | | | Hydrophytic |
| | 13 | = Total Co | ver | Vegetation |
| 50% of total cover: iii | | f total cove | | Present? Yes No |
| | | , total cove | | |
| Remarks: (If observed, list morphological adaptations bet | ow). | | | |
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| 10 Hz | | | | |
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Sampling Point: NOSUD 001

| Profile Desc | cription: (Describe | to the depth r | reeded to docur | nent the li | ndicator | or confirm | the absence of i | ndicators.) | |
|---------------|--|-----------------|--------------------------|-------------|-------------|------------|----------------------------|-----------------------|-------------|
| Depth | Matrix | | | x Features | | | - | | |
| (inches) | Color (moist) | 91) 11 | Color (moist) | - 6 | Type | Loc² | | Remarks | |
| 11-12 | 1041313 | 70 10 | NR 3/6 | 10 | - | <u>M</u> | 10 | | |
| 12-20 | 10 YK3/2 | 100 | DYR316 | 19 | (, | M | <u> </u> | | |
| | | | | | | <u> </u> | | | |
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| ¹Type: C=C | oncentration, D=Dep | letion, RM=Re | duced Matrix, MS | S=Masked | Sand Gr | ains. | ² Location: PL: | =Pore Lining, M=Matr | ix. |
| Hydric Soil | Indicators: (Application | able to all LRI | Rs, unless other | wise note | ed.) | | | Problematic Hydric | |
| Histosol | | | Polyvalue Be | | | RR S, T, U |) 1 cm Muck | (A9) (LRR O) | |
| | pipedon (A2) | | Thin Dark Su | rface (S9) | (LRR S, | T, U) | 2 cm Muck | (A10) (LRR S) | |
| Black H | istic (A3) | - | Loamy Muck | | | (O) | | /ertic (F18) (outside | |
| - | en Sulfide (A4) | - | Loamy Gleye | | F2) | | | Floodplain Soils (F19 | |
| | d Layers (A5) | | Depleted Ma | | | | | s Bright Loamy Soils | (F20) |
| | Bodies (A6) (LRR P, | | Redox Dark Depleted Dark | | | | (MLRA 1 | t Material (TF2) | |
| | ucky Mineral (A7) (LF resence (A8) (LRR U | | Redox Depre | | - | | | ow Dark Surface (TF | 12) |
| | uck (A9) (LRR P, T) | , - | Marl (F10) (L | | , | | | lain in Remarks) | , |
| - | d Below Dark Surface | e (A11) | Depleted Oct | | (MLRA 1 | 51) | | | |
| Thick D | ark Surface (A12) | _ | Iron-Mangan | | | | T) ³ Indicator | s of hydrophytic vege | etation and |
| Coast P | rairie Redox (A16) (N | | | | | ', U) | | hydrology must be p | |
| | Mucky Mineral (S1) (L | .RR O, S) | Delta Ochric | | | | unless | disturbed or problema | atic. |
| 73.72 1 13 24 | Gleyed Matrix (S4) | - | Reduced Ver | | | | 0.63 | | |
| | Redox (S5) | - | Piedmont Flo | | | * | 9A) A 149A, 153C, 15 | וחו | |
| | l Matrix (S6) Irface (S7) (LRR P, S | T III | Anomalous E | angint Loan | ily Solis (| rzo) (MERA | A 143A, 133C, 13 | 30) | |
| | Layer (if observed): | | | | | | I | | |
| Type: | | | | | | | | | |
| | ches): | | - | | | | Hydric Soil Pre | sent? Yes | No X |
| Remarks: | unua,. | | | | | | | | |
| rtemarks. | | | | | | | | | |
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Non-water data point nosua071 facing northwest



Non-water point NOSUA004 facing southeast



Non-water point nosup012 facing northeast. (NHD, not stream)



Non-water point nosup012 facing southwest. (NHD, not stream)



Non-water point nosup012 facing southeast. (NHD, not stream)



Non-water point nosur001 facing east. (NHD, not a stream, part of wetland)



Non-water point nosuo007 facing northeast. (aerial signature, no waterbody)

WETLAND DETERMINATION DATA FORM – Eastern Mountains and Piedmont Region

| Project/Site: Atlantic Coast Pipe | line | City/C | County: City of Suffolk | | Sampling Date: 2/6/2016 |
|--|--------------------------|---------------------------|---------------------------------------|----------------------|---------------------------------|
| Applicant/Owner: DOMINION | | | , | State: VA | Sampling Point: nosuc050 |
| Investigator(s): Team C Section, Township, Range: No PLSS in this area | | | | | |
| Landform (hillslope, terrace, etc. | | | | | |
| Subregion (LRR or MLRA): T | | | | | |
| Soil Map Unit Name: Nansemor | nd loamy fine sand, 15 | to 30 percent slopes | | NWI classific | cation: None |
| Are climatic / hydrologic conditio | ns on the site typical f | for this time of year? | ∕es <u> ✓ </u> | (If no, explain in R | Remarks.) |
| Are Vegetation, Soil | , or Hydrology | significantly distur | rbed? Are "Normal | Circumstances" p | oresent? Yes No |
| Are Vegetation, Soil | , or Hydrology | naturally problem | atic? (If needed, e | explain any answe | ers in Remarks.) |
| | | | | | s, important features, etc. |
| Hydrophytic Vegetation Preser | nt? Yes | No ✓ | | | |
| Hydric Soil Present? | | No | Is the Sampled Area within a Wetland? | Vos | No |
| Wetland Hydrology Present? | | No | within a wetland: | 165 | NO |
| Remarks: | | | | | |
| Depression within clearcut that | holds water | | | | |
| | | | | | |
| | | | | | |
| HYDROLOGY | | | | | |
| Wetland Hydrology Indicator | s: | | | Secondary Indica | ators (minimum of two required) |
| Primary Indicators (minimum o | | ck all that apply) | | Surface Soil | |
| ✓ Surface Water (A1) | - | True Aquatic Plants (| | | getated Concave Surface (B8) |
| High Water Table (A2) | | Hydrogen Sulfide Od | | Drainage Pa | |
| Saturation (A3) | | | | = | |
| | | | | | |
| Water Marks (B1) Presence of Reduced Iron (C4) Dry-Season Water Table (C2) Sediment Deposits (B2) Recent Iron Reduction in Tilled Soils (C6) Crayfish Burrows (C8) | | | | | |
| Sediment Deposits (B2) Recent from Reduction in Tilled Soils (C6) Craylish Burrows (C8) Craylish Burrows (C8) Saturation Visible on Aerial Imagery (C9 | | | | | |
| Algal Mat or Crust (B4) | | Other (Explain in Rei | | | itressed Plants (D1) |
| Iron Deposits (B5) | | (=: | , | · | Position (D2) |
| Inundation Visible on Aeria | al Imagery (B7) | | | Shallow Aqu | • • |
| Water-Stained Leaves (B9 | | | | | aphic Relief (D4) |
| Aquatic Fauna (B13) | , | | | FAC-Neutral | |
| Field Observations: | | | | | , |
| Surface Water Present? | Yes _ 🗸 No | Depth (inches): | 4 | | |
| Water Table Present? | Yes No No | | 0 | | |
| Saturation Present? | Yes No No | | 0 Wetland H | lydrology Preser | nt? Yes 🗸 No |
| (includes capillary fringe) | | | | | |
| Describe Recorded Data (stream | im gauge, monitoring | weii, aeriai priotos, pre | evious inspections), ii ava | liable: | |
| Remarks: | _ | | | | |
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VEGETATION (Four Strata) – Use scientific names of plants.

| /EGETATION (Four Strata) – Use scientific | names of | plants. | | Sampling Point: nosuc050 |
|--|------------|------------------------------|--------|---|
| | | Dominant I | | Dominance Test worksheet: |
| <u>Tree Stratum</u> (Plot size:) | | Species? | Status | Number of Dominant Species |
| 1 | | | | That Are OBL, FACW, or FAC:1 (A) |
| 2 | | | | Total Number of Dominant |
| 3 | | | | Species Across All Strata: 3 (B) |
| 4 | | | | Percent of Dominant Species |
| 5 | | | | That Are OBL, FACW, or FAC: 33.3333333 (A/B) |
| 6 | | | | , |
| 7 | | | | Prevalence Index worksheet: |
| | 0 | = Total Cove | r | Total % Cover of: Multiply by: |
| 50% of total cover: | 0 20% of | total cover:_ | 0 | OBL species x 1 = 0 |
| Sapling/Shrub Stratum (Plot size: 15 | | | | FACW species x 2 = |
| 1 | | | | FAC species x 3 = 15 |
| 2 | | | | FACU species 25 x 4 = 100 |
| 3. | | | | UPL species0 x 5 =0 |
| 4 | | | | Column Totals:45 (A)145 (B) |
| - | | | | 0.00 |
| 5 6 | | | | Prevalence Index = B/A = 3.22 |
| | | | | Hydrophytic Vegetation Indicators: |
| 7 o | | | | 1 - Rapid Test for Hydrophytic Vegetation |
| 8 | | | | 2 - Dominance Test is >50% |
| 9 | | T-1-1-0 | | 3 - Prevalence Index is ≤3.0 ¹ |
| E09/ of total cover | | = Total Cove total cover: | r O | 4 - Morphological Adaptations ¹ (Provide supporting |
| E | 20% 01 | total cover:_ | | data in Remarks or on a separate sheet) |
| Herb Stratum (Plot size: ⁵) 1 Andropogon virginicus | 15 | Yes | FACU | Problematic Hydrophytic Vegetation ¹ (Explain) |
| 1. Arundinaria gigantea | | Yes | FACW | |
| | 10 | Yes | FACU | ¹ Indicators of hydric soil and wetland hydrology must |
| 3. Eupatorium capillifolium | | | | be present, unless disturbed or problematic. |
| _{4.} Pinus taeda | | No | FAC | Definitions of Four Vegetation Strata: |
| 5 | | | | Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or |
| 6 | | | | more in diameter at breast height (DBH), regardless of |
| 7 | | | | height. |
| 8 | | | | Sapling/Shrub – Woody plants, excluding vines, less |
| 9 | | | | than 3 in. DBH and greater than or equal to 3.28 ft (1 |
| 10 | | | | m) tall. |
| 11 | | | | Herb – All herbaceous (non-woody) plants, regardless |
| | 45 | = Total Cove | r | of size, and woody plants less than 3.28 ft tall. |
| 50% of total cover: 2 | 2.5 20% of | total cover:_ | 9 | Woody vine – All woody vines greater than 3.28 ft in |
| Woody Vine Stratum (Plot size:) | | | | height. |
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | Understation |
| 5 | | | | Hydrophytic Vegetation |
| | 0 | = Total Cove | | Present? Yes No |
| 50% of total cover: | | total cover:_ | ^ | |
| Remarks: (Include photo numbers here or on a separat | | _ | | |
| rtemarks. (include prioto numbers here or on a separat | e sileet.) | | | |
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Sampling Point: nosuc050

| Profile Desc | cription: (Describe to | the depth r | needed to docum | ent the indica | ator or confirm | the ab | sence of indicators.) |
|------------------------|--|-------------|--------------------------|--------------------|----------------------------------|--------------------|--|
| Depth | Matrix | | | Features | | | |
| (inches) 0-16 | Color (moist) 10 YR 3/2 | 100 | Color (moist) | <u>%</u> <u>Ty</u> | pe ¹ Loc ² | | ture Remarks SL |
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| ¹ Type: C=C | oncentration, D=Deple | tion, RM=Re | duced Matrix, MS | =Masked San | d Grains. | ² Locat | tion: PL=Pore Lining, M=Matrix. |
| Hydric Soil | Indicators: | | | | | | Indicators for Problematic Hydric Soils ³ : |
| Histosol | (A1) | - | Dark Surface | (S7) | | | 2 cm Muck (A10) (MLRA 147) |
| Histic E _l | pipedon (A2) | | Polyvalue Beld | ow Surface (S | 8) (MLRA 147, | 148) | Coast Prairie Redox (A16) |
| Black H | istic (A3) | - | Thin Dark Sur | | RA 147, 148) | | (MLRA 147, 148) |
| | en Sulfide (A4) | - | Loamy Gleyed | | | | Piedmont Floodplain Soils (F19) |
| | d Layers (A5) | - | Depleted Matr | | | | (MLRA 136, 147) |
| | uck (A10) (LRR N) | | Redox Dark S | | | | Very Shallow Dark Surface (TF12) |
| | d Below Dark Surface | (A11) | Depleted Dark | | | | Other (Explain in Remarks) |
| | ark Surface (A12) Mucky Mineral (S1) (LF | D N | Redox Depres | | 12) /I DD N | | |
| | Mucky Milheral (ST) (LF A 147, 148) | KK N, | Iron-Mangane MLRA 136 | | 12) (LKK N, | | |
| | Gleyed Matrix (S4) | | Umbric Surfac | | Δ 136 122) | | ³ Indicators of hydrophytic vegetation and |
| | Redox (S5) | - | | | F19) (MLRA 14 | 8) | wetland hydrology must be present, |
| - | d Matrix (S6) | - | | | MLRA 127, 147 | | unless disturbed or problematic. |
| | Layer (if observed): | | | ()(| , | ĺ | ' ' |
| | , | | | | | | |
| | ches): | | _ | | | Hydr | ric Soil Present? Yes No |
| Remarks: | | | _ | | | , | |
| | I indicators present | | | | | | |
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Photo 1 Non-water data point NOSOC050 facing east



Photo 2 Non-water data point NOSOC050 facing west

| WETLAN | D DETERMINATION DATA | A FORM – Atlant | ic and Gulf Coastal | Plain Region |
|--|---|---------------------------|--|--|
| Project/Site: ACP | | City/County: | JUFFOIK | Sampling Date |
| Applicant/Owner DOMIN | 1017 | | State VA | Sampling Point. No Suo OO3 |
| Investigatorial: Likoper | . S. Loseta | Section, Township | Range: W/H | |
| Landform (hillslope, terrace, etc.): | Hilcobe | Local relief (conca | ve. convex. none): COVIC | 10NO Slope (%) 5-2 |
| Subregion (LRR or MLRA): LR | PT 121.30 | 0.79439 | 1000 -74.622 | 196 Datum: NGS8 |
| Soil Map Unit Name: Suffe | IK. toward San | 24 | NWI class | sification: N/A |
| Soil Map Unit Name: | THE TOWNING SEE | | 'a (If no explain is | Remarks) |
| Are climatic / hydrologic conditions | on the site typical for this time of | year? Tes | to Marmal Circumstance | e"present? Yes X No |
| Are Vegetation, Soil | _, or Hydrology significan | tly disturbed? | Are Normal Circumstance | y present 105 |
| Are Vegetation, Soil | | | If needed, explain any ans | |
| SUMMARY OF FINDINGS | Attach site map showing | ng sampling poi | nt locations, transec | ets, important features, etc. |
| Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present? | Yes No X Yes No X | Is the Sam within a W | pled Area etland? Yes _ | No |
| | | | | |
| HYDROLOGY | | | Canadanila | dicators (minimum of two required) |
| Wetland Hydrology Indicators: | | | THE STEEL HE THE SECOND STREET, AND ADDRESS OF THE SECOND STREET, AND ADDR | Goil Cracks (B6) |
| The survey to the course of the registery state of the course of the cou | one is required; check all that appl Aquatic Fauna (I | | | Vegetated Concave Surface (B8) |
| Surface Water (A1) High Water Table (A2) | Marl Deposits (B | | | Patterns (B10) |
| Saturation (A3) | Hydrogen Sulfide | | Moss Trir | |
| Water Marks (B1) | | pheres along Living R | A PETERSON OF A THORSE AND A DESCRIPTION OF THE PETERSON OF TH | on Water Table (C2) |
| Sediment Deposits (B2) | Presence of Red | | | Burrows (C8) n Visible on Aerial Imagery (C9) |
| Drift Deposits (B3) | | luction in Tilled Soils (| ACCORDANCE AND ACCORD | hic Position (D2) |
| Algal Mat or Crust (B4) | Thin Muck Surfa Other (Explain in | | Shallow A | |
| Iron Deposits (B5) Inundation Visible on Aerial | [1] A. P. L. B. L. B. | i remaiks) | | tral Test (D5) |
| Water-Stained Leaves (B9) | inege.) (e.) | | Sphagnu | m moss (D8) (LRR T, U) |
| Field Observations: | | NIA | | |
| Surface Water Present? | es No X Depth (inch | es): 17/1 | | |
| Water Table Present? | res No Depth (inch | es): >10 | | × |
| | es No Depth (inch | ies): 220 | Wetland Hydrology Pre | sent? Yes No |
| (includes capillary fringe) Describe Recorded Data (stream | gauge, monitoring well, aerial ph | otos, previous inspec | tions), if available: | |
| | | | | |
| Remarks: | | | | |
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| 25 424- | Absolute Dominant Indicator | Dominance Test worksheet: |
|--|-----------------------------|---|
| Tree Stratum (Plot size: 30 N 31) 1. Faqus grandifolia | % Cover Species? Status | Number of Dominant Species That Are OBL, FACW, or FAC: (A) |
| 2 Pinus taeda | 15 Y FAC | |
| 3 Quercus rubra | 10 Y FACU | Total Number of Dominant Species Across All Strata: (B) |
| 4 | | Percent of Dominant Species That Are OBL, FACW, or FAC: |
| 6. | | |
| 7. | | Prevalence Index worksheet: Total % Cover of: Multiply by: |
| 8. | | 10001770070 |
| | 35 = Total Cover _ | OBL species x1 = |
| 50% of total cover: 17 | 5 200' of total among | FACW species |
| Sapling/Shrub Stratum (Plot size: 30 X 30) | | FAC species x3 = 12.0 |
| 1. Fagus grandifolia | 10 y FACU | FACU species 30 x 4 = 120 |
| 2 Symplocos tinctoria | 19 Y FAC | UPL species 0 x5= |
| 3. | | Column Totals: 65 (A) 225 (B) |
| 4. | | Prevalence Index = B/A = 3.46 |
| 5 | | Hydrophytic Vegetation Indicators: |
| 6. | | 1 - Rapid Test for Hydrophytic Vegetation |
| 7. | | 2 - Dominance Test is >50% |
| 8. | | 3 - Prevalence Index is ≤3.01 |
| | 25 = Total Cover _ | Problematic Hydrophytic Vegetation ¹ (Explain) |
| 50% of total cover: 12 | S 20% of total cover: 5 | |
| Herb Stratum (Plot size: 30 X 30) | | ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. |
| THE SECOND PROPERTY AND ADDRESS OF THE PROPERTY OF THE PROPERT | | Definitions of Four Vegetation Strata: |
| 2 | | |
| 3. | | Tree – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of |
| 4 | | height. |
| 5 | | |
| 6 | | Sapling/Shrub – Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall. |
| 7 | | Herb - All herbaceous (non-woody) plants, regardless |
| 9. | | of size, and woody plants less than 3.28 ft tall. |
| 10 | | Woody vine - All woody vines greater than 3.28 ft in |
| 11 | | height. |
| 12 | 16 | |
| | N/M = Total Cover | |
| 50% of total cover: | 20% of total cover: | |
| Woody Vine Stratum (Plot size: 30 X 30) | - II FAT | |
| 1. Smilax rotundifolia | 6 Y FAIC | |
| 2. | | |
| 3 | | |
| 4 | | |
| 5 | | Hydrophytic |
| | 5 = Total Cover | Vegetation |
| 50% of total cover: 2 | 520% of total cover: | Present? Yes No_X |
| The second secon | | |
| Remarks: (If observed, list morphological adaptations below | OW). | |
| | | |
| | | |
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| | | |

| Profile Description: (Describe to the depting of th | h needed to document the Indicator or confirm Redox Features Color (moist) % Type Loc2 | Texture Remarks 730% un cocited rand Oracin S |
|--|--|---|
| Type: C=Concentration, D=Depletion, RM= Hydric Soil Indicators: (Applicable to all Histosol (A1) Histic Epipedon (A2) Black Histic (A3) Hydrogen Sulfide (A4) Stratified Layers (A5) Organic Bodies (A6) (LRR P, T, U) 5 cm Mucky Mineral (A7) (LRR P, T, U) Muck Presence (A8) (LRR U) 1 cm Muck (A9) (LRR P, T) Depleted Below Dark Surface (A11) Thick Dark Surface (A12) Coast Prairie Redox (A16) (MLRA 150A Sandy Mucky Mineral (S1) (LRR O, S) Sandy Gleyed Matrix (S4) Sandy Redox (S5) Stripped Matrix (S6) Dark Surface (S7) (LRR P, S, T, U) | LRRs, unless otherwise noted.) Polyvalue Below Surface (S8) (LRR S, T, U) Thin Dark Surface (S9) (LRR S, T, U) Loamy Mucky Mineral (F1) (LRR O) Loamy Gleyed Matrix (F2) Depleted Matrix (F3) Redox Dark Surface (F6) | 2 cm Muck (A10) (LRR S) Reduced Vertic (F18) (outside MLRA 150A,B) Piedmont Floodplain Soils (F19) (LRR P, S, T) Anomalous Bright Loamy Soils (F20) (MLRA 153B) Red Parent Material (TF2) Very Shallow Dark Surface (TF12) Other (Explain in Remarks) T) Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic. |
| Restrictive Layer (if observed): Type: Depth (inches): Remarks: | | Hydric Soli Present? Yes No |
| | | |
| | | |



Non-water point nosuo003 facing northwest. (NWI, not a wetland)



Non-water point nosuo003 facing southeast. (NWI, not a wetland)



Non-water point nosup013 facing southwest. (NHD, not a stream)



Non-water point nosup013 facing northeast. (NHD, not a stream)



Non-water point nosuo005 facing north. (NHD, not a stream)



Non-water point nosuo005 facing south. (NHD, not a stream)



Non-water point nosup011 facing east. (NHD, not stream)



Non-water point nosup011 facing west. (NHD, not stream)

Photo Sheet 1 of 2



Non-water point nosup011 facing south. (NHD, not stream)



Non-water point nosup011 facing west from powerline corridor. (NHD, not stream)



Non-water point nochp002 facing north. (NHD, not stream)



Non-water point nochp002 facing south. (NHD, not stream)

Photo Sheet 1 of 2



Non-water point nochp002 facing west. (NHD, not stream)



Non-water point nochp001 facing east. (stormwater pond, not present)



Non-water point nochp001 facing west. (stormwater pond, not present)

Photo Sheet 1 of 1



Non-water data point nochb001 facing north