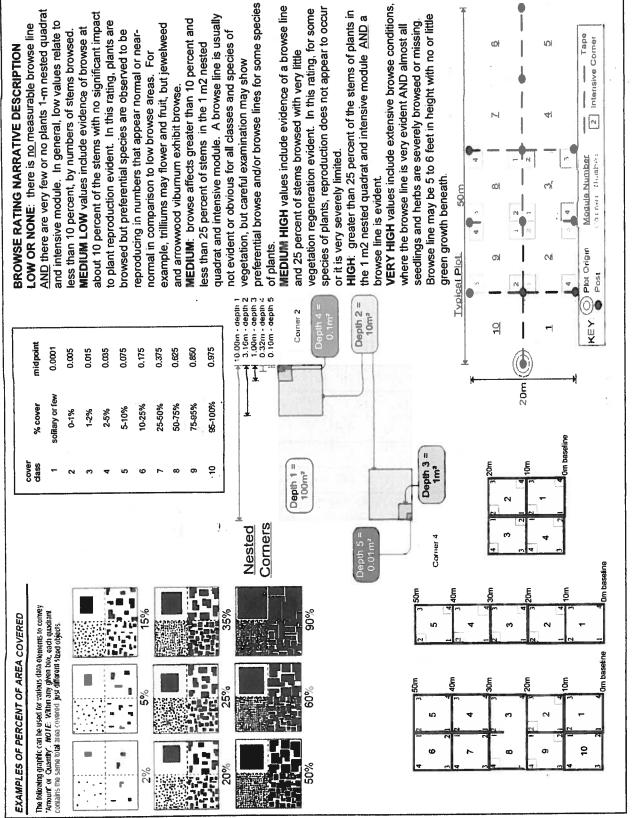
| CLEVELAND M | ETROPARKS Plant Community Ass | essment Program | : Quality Co | ntrol Form | (Clen | eland Metroparks |
|--|---|---------------------------|---|-------------------|-----------------|--|
| Project Label: | PCAP | Plot No | 3397 | _Date Sampled: | 8/22/13 | Lend: J. Mille |
| <u></u> | | | | | | |
| Parking/Access out | side of Park Boundaries: | 1 , (,) | T _{ra} | Comment requir | | |
| Field journals comp | | YW | If yes, writ | e details in Comm | ents section be | low |
| Site sketch made or | | | | | | |
| Check cover page | | | | | | |
| Check cover page | X-axis Bearing of plot recorded | Y N Y N | | | | |
| | GPS coords. Recorded | | | | | |
| | North direction recorded | Y N | | | | |
| Plat No. Determine | Photographs taken? | Y) N | | | | |
| Plot No., Date agree | | Y) N | | | | |
| Header data comple | | ₩ N | | | | |
| | ded in all Intensive modules | Y N | | | | |
| Browse Level By St | | W N | | | | |
| Woody stem quality | | N N | <u> </u> | | | |
| Invasive plant qualit | ty control check | | | | | |
| Ash trees mapped | ~ | N N | ļ | | | |
| Cover by Strata? (co | | Y N | | | | |
| | ed with matching plot #. | Y N | 8/21/1 | 3 | | |
| | datasheet with initials and number | Y (3) | 1 None | taken | | |
| Vouchers labeled on | collection bag | Y N | | | | |
| Pink flags removed | | Y N | | | | |
| Data sheet QA befor | | N Q | | | | |
| Common equipment | | y N | 差 | | | |
| Data sheets scanned | | 913 | | oleft CL | | |
| Final data sheets sca Buffer Widths measu | | 1 | Enter date to | left | | |
| | ired? | (Y) N | A | -3-13 | | |
| Web Soil Survey Voucher Location | In c | Y N | AB | 8127/13 | | |
| | Refrigerator | YN | | | | |
| (# vouchers collected) | Press (#) | | Enter numbe | r to left | | |
| N/A | Drier | Y N | | | | |
| Tree contracts | Identified | Y N | | | | |
| | Mounted | Y N | | | | |
| | Thrown away | I Y N | - A | | | |
| GRTS point verifica | tion: Is plot sampleable? | | | | | |
| Yes Yes | Original GRTS point is sampleable | | | | | |
| □ No | Original GRTS point lands in a non-s | ampleable area (fil | I in category | below) | | |
| | ☐ Point falls in a water (i.e. river, la | | | | | |
| | ☐ Managed moved area (i.e. golf or | ourse, picnic area, right | -of-way) | | | |
| | Paved area (i.e. parkinglot, road) Unsafe to sample (i.e. steep slope) | | | | | |
| | □ Other | | | | | |
| dditional Commen | ts: | | | | -1117 | 11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 |
| | | | | | | |
| Data Quality Contro | ol 2011.xls last revised 6/20/2011 ce | eh | | Natural Rec | Sources Mana | ement Form NR/20 |

| VS Field Chide | *Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Childe | linimum required fields in Bold and Underlined |
|--|---|---|
| | □ Systematic (grid) □ Capture specific feature □ Other | G&C Pub Date: 1998 |
| | □ Random □ Stratified Random □ Transect component | OMIC STAN |
| Barrier towar floor some Rosa parting & carrex here | riot placement: O'GRTS Representative | A CONONIC COLLEGE OF THE COLLEGE OF |
| | 1 | chen |
| There are Ostraya and Carping in the shublayer | 1732 | |
| The state of the s | Camera No.: (3 | ascul. / n/a |
| The arthur and a true | Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED) | high modera low not smpl |
| have applace in the canopy. There are a few Amuren Elm | Depth: (1-5): 4 | AXUNOMIC ACCURACY |
| STANFACTOR OF ECONOMY / NOWN ALSO | X-axis Bearing of plot: $[193]^{\circ}$ | Luais |
| med by the state of the state o | Plot size for cover data: (hectares) | |
| most make talket comes trees are not consider | Gra riie Name: JJ7 / H | |
| veg characteritation. A mixed forest where the | GDS EIL NIGHT ARO 7 / | 9 |
| | m 1 P | Effort Level: subjective evaluation of |
| | Longitude: W 081, 79543 | SAMPLING QUALITY* |
| Rationale GRTS point | Latitude: N 4 30117 | □ Perm. water □ Paved □ Slope □ Safety |
| 100 D Comp. of Posts. 100 W. | x = 0 $y = 0$ (base of plot $x=0$, $y=0$) | PLOT NOT SAMPLED: |
| | GPS location in plot $x=0$ to 5, $y=1,0,+1$): | Comment, Pass., Omuc., Owner, Taxonomist, etc. |
| Location: Park a Royalvicon Irail Head. Tollow Majole | MAD85/WGS84 G NAD27 | PRoject Colorder Ass. Guid. O. |
| | | |
| Cx2, thoka | | B. Ballard " " |
| - I. | StatePlane dev o des min | A. Bonskowski Woody Teeh |
| content), Kattonale (why here), and Veg Characterization (description of community, | its | Laurda Bot. Assist |
| NOTES: Include Layout (any unusual shape details). Location (directions and landscape | Source of coordinates ☐ MAP ■ GPS | J. Miller Plot leader |
| Key: (0.0) point Open Open photo taken, location of with direction | If data not public why? | |
| 4 | Reason: | ate (if > 1 day): 8 / |
| #1 #2 #3 #4 #5 | □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m | |
| 12 | Check one: | 10 |
| ٠, | Data Confidentiality: | Level 4 (no nested corners sampled) |
| \$ [4 | | Plot No.: 3397 |
| 3 7 3 | Local Place Names: Royalview Trailluad | |
| | | |
| | ingle: | Project Name: <3397 01 MS 2013 |
| | County | Project Label: PCAP |
| Page 1 of 2 | LOCATION | GENERAL INFORMATION |
| d Data Sheet | CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet | CLEVELAND METROPARKS Plant C |
| | | |

Strata - Cov. entire plot CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Cleveland Metroparks Total modules: Project Label: S H (F)(A) Br O 2 œ 8 Rhamnus O Rosa multiflua Moss Frankus Fraxious Quescus Sap Lospus exicol Leonymus objuvatus Shan Cyataeyus. Spp Ansagmo CALALIANS Rubus pensylvanicas Striate striates awex Swami Acur sop. anys cordiforms STAID describe amount of browse per species over tar wown JULY SADY duencus more Leersia Acer saucharum Br = Browse Level. Use cover classes to 9 amostramo ovata 0 tramaria a labra priphyllun pennsylvanico Virginite Cardiniana Species seedling entire plot radican Seedling +nomy lum ဂ %unveg. ground (bare soil) Intensive modules: %unvegetated open water Estimate for each intensive module: %unveg. litter (bare litter) Project name: 01 MS 2013 Voucher# %open wate 2 2 2 ع 0 卫 12 N 2 7 8 O. U C 7 2 α cov depth 6 30 m 2 7 2 S Plot configuration: N 3 N 2 S 12 'n 1 9 8 က 7 T 3 C U 7 4 o: S 6 C N 1 $\boldsymbol{\varphi}$ 9 O Plot no.: 3397 depth 2 depth mod 7 2×5 ş ş T س 30m S V 0 cov depth cov | depth ∞ mod S 1 _ 5 Plot area (ha): 2 4 8 ş depth 12 depth T Ė Page در 20v depth COV depth 1 (H) 0 رل 9 7 T 1 1 _O Bo⊞ 0,1 W comer οον ş Q depth depth mod 8 ş

Natural Resource Management FORM NR/2010-02a

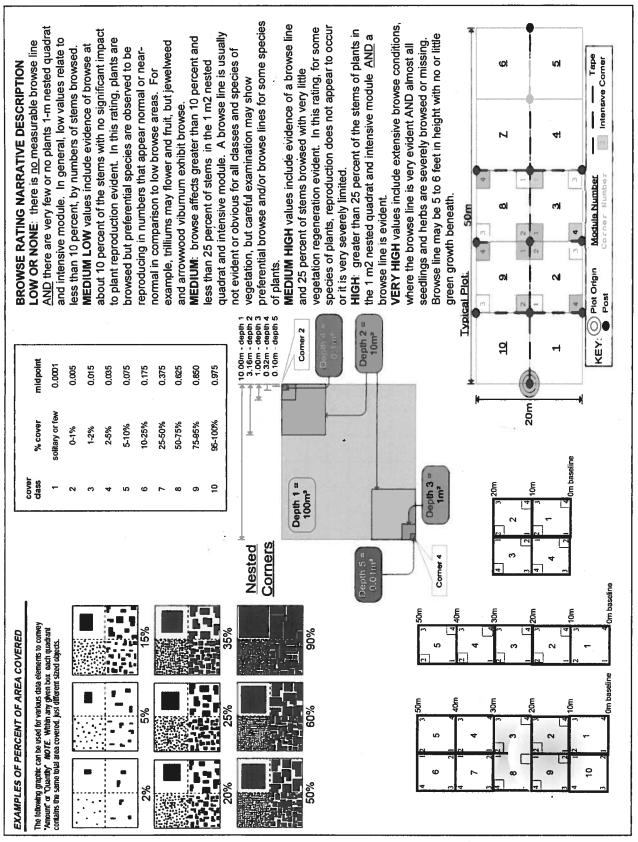


2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

Strata - Cov. entire plot CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a U Cleveland Metroparks Total modules: Project Label: S H (F)(A) Br 2 6 3 Ponceas, Similar volundatolia Hama meliz tagus granditalia Comos spp. Oxalis raxinus sap givex 5pp 3 Cavex Spp 2 Ulmv3 spp -indera Parthenocissus Princes serations larya spo Injupleurs carthysiana Oshayon - wirethings VI describe amount of browse per species over MENCIS GIP nodundron DIVEX SON 1 Ilmus americans Br = Browse Level. Use cover classes to stricte 0 Species entire plot VIVOIN ONG tulipifera seed I may Intensive modules: 4 %unveg. ground (bare soil) Estimate for each intensive module: %unvegetated open water %unveg. litter (bare litter) Project name: Ol M3 7013 Voucher # %open water depth depth 300 corner mod corner cov depth cov depth Plot configuration: 2×5 οV COV <u>3</u> comer mod Plot no.: 3397 cov depth cov | depth 5 σ comer 8 depth mod 2 COV depth depth Plot area (ha): O ş ş depth Page 1 of 2 8 cov | depth depth Dom 2 N 8 8 depth D depth N mod D 7 comer w 8

12-6-13

Natural Resource Management FORM NR/2010-02a



2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

Fracinus Communications Carpinus caroliniary Rubus substanted of the strains of t Caupinus oursliniano Carpinos carolinana Standing dead Rosa multicling Tillia amenicana Standing dead GUEYTUS NOTO Acer sacchanim Querous Mora Acer sacchium Rosa multiflora Acer Solom Acer saecherum Carya cordisormis OSKRYA VITAINIAN Ulmus amunicana Occupations So Acer saccharum Cratacous Sp. voucher# 00 阿兴 99 browsed # stems . 0-1.4m sample or super % sub clumps shrub size class (cm) woody stems >1.4m 7 1-<2.5 0 2.5-<5 . 00 5-<10 10 - <15 0 0 15 - <20 o 20 - <25 25 - <30

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Explain subsample (additional room on back)

Project Label:

PCAP

Project Name: 0/MS 20/3

Plot No. 3397

Page:

으

Represent Metroparks

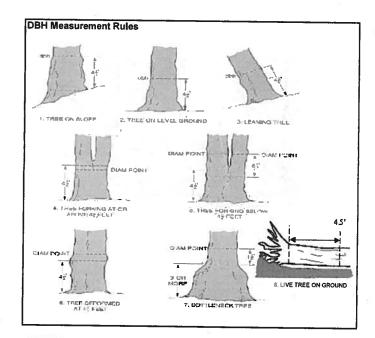
30 - <35

35 - <40 5

>40 (record each tree) =

64.2, 92,5

62.1.59.5



Record the number of stems/plants between 0.5-1.0 meters tall that exhibit evidence of this years deer browse.

Record using the tally system from 1 to

10













ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
- 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
- 3. Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- 5. Dead canopy: No leaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



R

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D

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ASH CANOPY BREAKUP CONDITION (for dead trees):

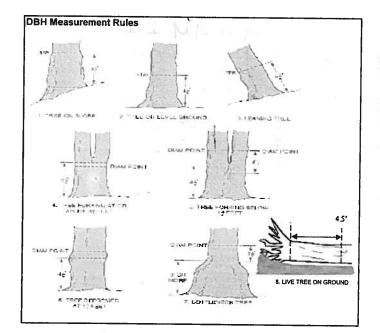
- A: All main branches contain fine twigs (newly dead).
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- C: Less than 50% of main branches have fine twigs.
- D: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Project Label: PCAP Project Name: OI HS 2013 Plot No.: 3397

Page: 2

Seweland Metroparks

| Explain subsample (additional room on back): | lack): | | | | A Children Control of the Control of | | 100 | | | | |
|--|----------|----------------------------------|----------|-----------------------------------|--|----------|---------|----|----------|--------------|------------------------|
| | | # stems % sub 0-1.4m or super | # # | size class (cm) woody stems >1.4m | stems >1.4m | Ch . | 6 | 8 | ဖ | 1 | = |
| mod # species c | voucher# | - | clumps 0 | 1-<2.5 | ტ ტ | 10 - <15 | <20 20. | 25 | 30 - <35 | 6 | >40 (record each tree) |
| 4 Ulmus amunicana | | | | | • | | | | | | |
| 4 Lindera belitzoin | | • | | | | | | | | | |
| 5 Standing dead | | | | | | | | | | | - |
| 5 Cratageous sp. | | | | | | | | | | | |
| 3 Acer sacharum | | ١ | | | • | | | | | | |
| 5 Tilia amunicany | | | | | | | | | | | |
| 5 Aperrulaum | | | | | • | ÷ | | | | | |
| 5 Ostova Virginiana | | | | | • | | | | | | |
| 5 Vids so, | | | | | • | | | | | | |
| 5 Querus rivera | | | | | | | | | | - | 52,8 |
| 5 Cinodundum to lipitura | | | | | | | | | • | | |
| 5 Smilar rotunditala | | | | | | | | | | | |
| 5 Lindera benzoin | | • | | | | | | | | | |
| 6 Acer sociloum | | | | | • | • | | | | | |
| 6 Cana considerinis | | 9 0 | | | | 0 | | | | | |
| 6 Querous mora | | | | | | | | | | | 47.8,69.9 |
| 6 Crataeque 38. | | | | a | | | | | | | |
| 6 Ponus serotina | | | | | • | | | | | | |
| 6 Frayinus pann. | | • | | | | | | | | | |
| 6 Franquia alinus | | • | | | | | | | | | |
| 7 Acer sacharum | | | | | 949 | | | | | | |
| 7 Standing dead | | | | • | • | | | | | | |
| 7 Frommus sp. | | | | | | | | | | , | 44.3 |
| 7 Linibalendian tolipides | Ø | | | | | | • | | | | |



Record the number of stems/plants between 0.5-1.0 meters tall that exhibit evidence of this years deer browse.

Record using the tally system from 1 to















ASH CANOPY CONDITION

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R

С

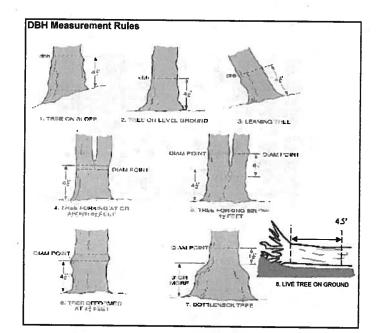
D

F

ASH CANOPY BREAKUP CONDITION (for dead trees):

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0 200 CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet 00 30 do 7 Cratacous 2p. Explain subsample (additional room on back): Standing acad Smiley rotundifolia QUELOUS CHELONA Atter Sarchann Sherons word Rosa multiflore Ostman virginiana Compinus countiniona Course Cordistamis Campa Ovata Frankla almus Cornus Sp. Byencus more Chartagars ap. Rosa miltiflora Course overto Carpinus carelinian Campa gladera Frankla almos And Froying penn Carrie Corditormis Acer saucharum Project Label: PCAP voucher# ... browsed # stems 9 ₽1.4m or super sample % sub Project Name: OVH 52013 clumps shrub size class (cm) woody stems >1.4m <u>우</u> 1-<2.5 2.5-<5 Plot No.: 33977 5×10 10-<15 5 15 - <20 20 - <25 Page: 25 - <30 30 - <35 으 Gleveland Metroparks 35 - <40 ಕ 7.3 105.2 >40 (record each tree) =



Record the number of stems/plants between 0.5-1.0 meters tall that exhibit evidence of this years deer browse.

Record using the tally system from 1 to 10















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В

C

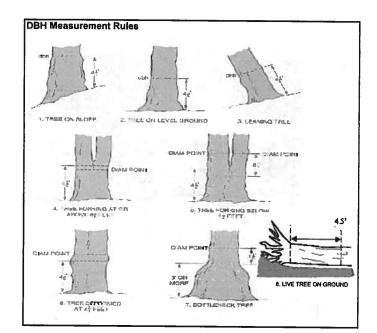
D

Ε

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mod # CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet 0 0 Explain subsample (additional room on back): ROSA MUHADO Caupinus courolimana Fraginus penni Cratacaus 30. Project Label: PCAP voucher# browsed :: 0-1.4m # sterns sample or super % sub Project Name: 01 HS 2013 clumps shrub size class (cm) woody stems >1.4m <u>ک</u> 1-<2.5 2.5-<5 Plot No.: 33 97 5-<10 10 - <15 15 - <20 20 - <25 Page: 4 0 25 - <30 30 - <35 으 Gieweland Metroparks 35 - <40 5 >40 (record each tree) =



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Record using the tally system from 1 to 10















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В

С

D

E

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CLEVELAND METROPARKS Emerald Ash Borer - Fraxinus Sheet Tree 17 12 10 24 23 21 19 18 5 15 14 13 25 22 20 Frowinus いからいろう Project Label: PCAP Project Name: OIMSZOI3 26. (CEM) DBH @ Ash condition Condition Condition ASH Only holes S Plot No. 3 5 Date: Woodpecker holes ES ONLY TREES ≥ 10CM ONLY Baseline Map ail ash trees ≥10cm in each module using Tree ID number *** Change intensive module numbers when necessary I ø 2 Page: 1 of 2 8 ω

| Tier 1: Early detection | n/ Rapid response | | Pro | esenc | e | GPS | |
|--|--|------|--|--------|--------|--------------|---|
| | | NE | SE | sw | NW | | Presence |
| Microstegium vimineum | Japanese stiltgrass | | | | 1 | | X: yes |
| Ranunculus ficaria | Lesser Celandine | | | | | | K. Yes |
| Cynanchum louiseae (vine | Black Swallow-wort | | | | | | - |
| |) Flowering Rush | | | 1 | | | - |
| Heracleum mantegazzianum | Giant Hogweed | | | | | | - |
| Tier 2: Assess a | as Needed | | # of | Plant | ts | comments | - |
| | | NE | SE | sw | | Comments | # of Plant |
| Acer platanoides | Norway Maple | | | 1 | 1 | | 1: 1-10 |
| Ailanthus altissima | Tree of Heaven | | \vdash | 1 | _ | | 2: 11-50. |
| Lonicera japonica (vine) | Japanese Honeysuckle | | \vdash | 1 | +- | | 3: 51-100 |
| Lythrum salicaria (wetland) | Purple Loosestrife | | | +- | _ | | |
| | Bishop's Goutweed | _ | | +- | +- | | 4: 101-1,0 |
| | Asian Bittersweet | | _ | +- | + | | 5: >1,00 |
| Torilis sp. | Hedgeparsley | | | + | +- | | _ |
| Conium maculatum | Poison Hemlock | | | - | + | <u> </u> | - |
| Rhamnus cathartica | Common Buckthorn (shrub) | _ | - | + | +- | | _ |
| Berberis thunbergii | Japanese Barberry (shrub) | | - | +-, | 1 | | |
| Alnus glutinosa | European Alder | | _ | + - | + | | 4 |
| Dipsacus laciniatus | Cut-leaf Teasel | | - | - | + | | _ |
| Elaeagnus umbellata | | | <u> </u> | - | - | | _ |
| Lonicera maackii | (Sill db) | | | ↓ | | | |
| Euonymus fortunei | Amur Honeysuckle (shrub) | | | - | - | | |
| Tier 3: Presence is | Wintercreeper | | | | | | |
| Tier 3: Presence is | or Interest | | | Plants | S | comments | |
| Convallaria majalis (G-cover) | 1.11 | NE | SE | SW | NW | | # of Plants |
| | Lily of the Valley | | | | \bot | | 1: 1-10 |
| (0.0010,) | Crown Vetch | - 1 | | | | | 2. 11.50 |
| | | _ | | - | | | 2: 11-50. |
| leutherococcus pentaphyllus | Five-leaf Aralia (shrub) | | | | | | |
| Pachysandra terminalis (G-cover) | Japanese Pachysandra | | | | | | 3: 51-100 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius | Japanese Pachysandra Mock Orange (shrub) | | | E | | | 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) | Japanese Pachysandra Mock Orange (shrub) Lungwort | | | | | | 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry | | | | | | 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris | | | | | | 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry | | | | | | 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Viburnum opulus var. opulus | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) | | | | | | 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) | | | | | | 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Viburnum opulus var. opulus | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) | | Pres | ence | | comments | 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant | NE : | | ence | NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant | VE ! | | | NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard | NE : | | | NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) | NE : | | | NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a Illiaria petiolata gustrum vulgare morrowii, L. tatarica | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) | NE : | | | NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prinithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inhalaris arundinacea | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass | NE ! | | | NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inlaris arundinacea Inragmites australis (wetland) | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass Phragmites | NE ! | | | NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Riburnum opulus var. opulus Riburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inalaris arundinacea Inagmites australis (wetland) Inalaris polygonum cuspidatum | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass Phragmites Japanese Knotweed | | SE | | NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 4: 101-1,000 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inagnites australis (wetland) | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass Phragmites Japanese Knotweed Glossy Buckthorn (shrub) | 3 | SE | SW | | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 4: 101-1,000 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inagmites australis (wetland) | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass Phragmites Japanese Knotweed Glossy Buckthorn (shrub) Multiflora Rose (shrub) | 3 | SE | | NW NW | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 4: 101-1,000 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prinithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inalaris arundinacea Inagmites australis (wetland) Inangula alnus Inagula angustifolia, T. x.glauca | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass Phragmites Japanese Knotweed Glossy Buckthorn (shrub) Multiflora Rose (shrub) Cattails (wetland) | 3 | SE | SW | | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 4: 101-1,000 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Printhogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inalaris arundinacea Inragmites australis (wetland) Inolygonum cuspidatum Irangula alnus Irangula angustifolia, T. x.glauca Irsium arvense | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass Phragmites Japanese Knotweed Glossy Buckthorn (shrub) Multiflora Rose (shrub) Cattails (wetland) Canada thistle | 3 | SE | SW | | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 4: 101-1,00 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius Pris pseudacorus (wetland) Prinithogalum umbellatum Priburnum opulus var. opulus Priburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inalaris arundinacea Inragmites australis (wetland) | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass Phragmites Japanese Knotweed Glossy Buckthorn (shrub) Multiflora Rose (shrub) Cattails (wetland) Canada thistle Common Teasel | 3 | SE | SW | | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 4: 101-1,000 |
| Pachysandra terminalis (G-cover) Philadelphus coronarius Pulmonaria officinalis (G-cover) Rubus phoenicolasius ris pseudacorus (wetland) Prnithogalum umbellatum Piburnum opulus var. opulus Piburnum plicatum Tier 4: Widespread a Illiaria petiolata Igustrum vulgare Imorrowii, L. tatarica Inagmites australis (wetland) Inagmites austral | Japanese Pachysandra Mock Orange (shrub) Lungwort Wineberry Yellow Flag Iris Star of Bethlehem European Cranberry (shrub) Doublefile Viburnum (shrub) nd abundant Garlic Mustard Common Privet (shrub) Bush Honeysuckles (shrub) Reed Canarygrass Phragmites Japanese Knotweed Glossy Buckthorn (shrub) Multiflora Rose (shrub) Cattails (wetland) Canada thistle | 3 | SE | SW | | comments | 3: 51-100 4: 101-1,00 5: >1,000 # of Plants 1: 1-10 2: 11-50. 3: 51-100 4: 101-1,000 |

| CLEVELAND METROPARKS Plant Community Assessr Project Label: PCAP Project Name STANDING BIOMASS (required for emergent wetlands) collected | PCAP | Pr Pr wetlant | Project Name: Programatic Collected | t Program - Plant | CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface Project Label: PCAP Project Name: 0 1 1 2013 STANDING BIOMASS (required for emergent wetlands) collected | |
|---|---|---------------------|-------------------------------------|-------------------|--|-----|
| STANDING BIOMASS (required for emergent wetlands): collect in 0. Im clip plots (32x32 cm) from corners 1 and 3 in each intensive module. Required for VIBI-E score calculation. C'acheck when | uired for emergent from comers 1 and 3 score calculation. C | wetland in each | ds): collected intensive when | | | |
| collected | | | | CLA | CLASSIFICATION | |
| Module # | C? | Corner | Corner Corner | (FI = 1)H) | (Fit = excellent g Fit and Confidence | |
| | | | | Hydro | Hydrogeomorphic class (WETLANDS ONLY): | |
| | | | | o DEP | DEPRESSION | Fig |
| | | | | o IMP | n IMPOUNDMENT in Beaver in Human | P |
| | | | | | | |

McNAB INDICES (degrees) + for up - for down FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD]

Plot No.: 339 7

@ Glaveland Westrapente Page: 1 of 1

| CLASSIFICATION | | |
|--|------|-------|
| (Fit = excellent g Fit and Confidence | | |
| Hydrogeomorphic class (WETLANDS ONLY): | | |
| DEPRESSION | 1 | Conf- |
| □ IMPOUNDMENT □ Beaver □ Human | ř | Conf |
| o RIVERINE o Headwater o Mainstern o Channel | 7 | Conf- |
| a SLOPE (ground water hydrology or on a physical slop) | 7 | Conf= |
| a FRINGING a Reservoir a Natural Lake | File | Conf |
| COASTAL (specify subclass) | 1 | Conf- |
| BOG (strongly, moderately, weekly ombrotrophic) | F | Conf- |
| Ohio EPA VIBI Plant Community Class (WETLANDS ONLY): | Ë | |
| □ FOREST □ swamp forest □ bog forest □ forest scop | 7 | Conf |
| □ EMERGENT □ marsh □ wet meadow □ open bog | 1 | Conf= |
| □ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen | FIG | Conf= |

| Fit = exaction, g Fit and Confidence | | |
|---|---------|-------|
| Hydrogeomorphic class (WETLANDS ONLY): | | |
| DEPRESSION | 7 | Conf- |
| □ IMPOUNDMENT □ Beaver □ Human | 7 | Conf |
| o RIVERINE o Headwater o Mainstem o Channel | F | Conf |
| SLOPE (ground water hydrology or on a physical slop) | F | Conf |
| a FRINGING a Reservoir a Natural Lake | 7 | Conf |
| COASTAL (specify subclass) | Fill | Conf |
| BOG (strongly, moderately, weekly ombrotrophic) | P | Conf= |
| Ohio EPA VIBI Plant Community Class (WETLANDS ONLY): | HILLY): | |
| n FOREST is swamp forest in bog forest in forest seep | F | Conf |
| n EMERGENT n marsh n wet meadow n open bog | F | Conf- |
| CUBITO which current of tall the hour stall the form | Fit | Conf= |

| | | | 9 | 2 | W | 2 | mod# | | | | | |
|--|-------|--|---|----|---|----|---------|------------|---------|-------------------|-------------|-----------|
| | | | | | | | corner | | | | | |
| A TO | | | | Ó | 0 | 0 | (count) | lxlm | depth 3 | | tussocks | ne. of |
| A CONTRACTOR OF THE PARTY OF TH | | | O | Q | | 9 | (count) | 3.16x3.16m | depth 2 | uplands (Tip-Ups) | hummocks | no of |
| 0 | * | | | | 2 | 12 | (count) | 10x10m | depth 1 | | depressions | no macro. |
| | 18 11 | | 7 | N | 4 | 12 | (count) | 10x10m | depth I | | (2-12 cm) | c w.d |
| | | | J | 12 | 7 | _ | (count) | 10x10m | depth 1 | | (12-40cm) | c.w.d |
| | | | 3 | C | 0 | 0 | (count) | 10x10m | depth 1 | | >40 cm | C, 40 G |
| | | | 2 | _ | H | - | (rank) | 10x10m | depth 1 | | interspers | microngo |
| | | | C | C | C | C | (rank) | 10x10m | SLOPE | | | macronao |

| ORONA CONTRACTOR | * Landform Index (position within landscape) ** Terrain Shape Index (site microtopographic shape) | +315 degrees | +270 degrees | +225 degrees | +1 %() degrees | +135 degrees | +9/1 degrees | +45 degrees | At aspect |
|--------------------------------|---|--------------|--------------|---------------|------------------|--------------|------------------|----------------|-----------------|
| CROWN COVER (DENGOMETER) VOLUM | on within landscap (site m/crotopograp | W | ₩ | SW | s | SE | E | E | z |
| TEOR CANAL | e) hic shape) | | | | | | | | |
| | | | away. | eye of person | recorders eye to | TSI measure | angles formed by | horizon TSI is | LFI is angle of |

| | 9 | 8 | 3 | 2 | Module | CROWN COVER (DENSIOMETER) Make 4 readings per module facing N. S. F. W. Place dot count in corresonding space. (4 dots per gnd square) |
|---------|----|----|----|----|--------|--|
| - | 7 | 8 | 6 | 16 | Z | ER (DENSIO) dule facing N. ace (4 dots po |
| A see . | 14 | d) | 14 | 9 | s | facing N. S. E. W. Place (4 dots per gnd square) |
| | 16 | 8 | 8 | 6 | E | ake 4 ce dot count |
| | N | 9 | 12 | 5 | \$ | 5 |

10 feature is present in moderate or greater amounts and of highest quality

feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality feature is present in the wettand in very small amounts or if more common, of low quality MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Stope 1 = slight elevational grade across module (NII)

feature is absent or functionally absent from the wetland

anks for microhabitat features. Select one or select two and average the score.NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) to begin + any features present

Slope 2 = falls on slope ~20 °

Slope 3 = maximum steepness that can be safely sampled ~45°

SaCM PCAP Plant Cover_Earth Surface Data sheet Page 1_ver 3.xis last revised 5/29/2012 ceh

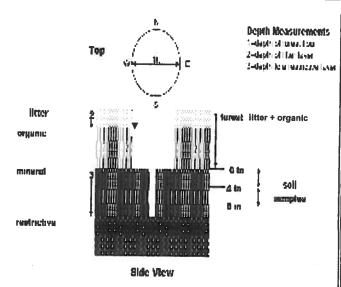
COVER BY STRATA

| STRATUM | GENERAL FORM |
|------------------------------|---|
| Tree (generally >5 m) | Tree (overstory), very tall shrubs*, liana, epiphyte) |
| Shrub (generally 0.5 to 5 m) | Tree (sapling), shrub, liana, epiphyte) |
| Herb (Field) | Herb, dwarf-shrub**, tree (seedling***) |
| Floating | Floating |
| Aquatic (submerged) | Submerged |

*Very tall shrubs are sometimes included in the tree stratum

**Can also include seedlings of shrubs, i.e. all shrubs <0.5m

^{***}Tree seedlings are often defined as up to 1.4 m height or as <2.5 cm DBH in which case they would span the herb and shrub layers.



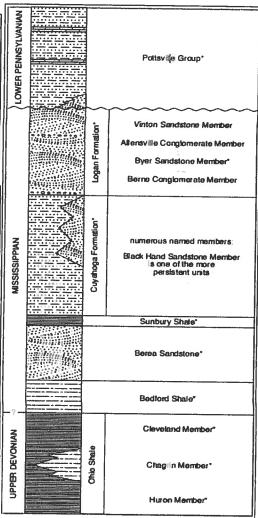


FIGURE 3-20.—Generalized section of Upper Devoman Misiasippian, and Lower Pennsylvanian formations in northeastern Ohio. Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is not to each, but the thicknesses indicated are proportional. The term "Waverty is used in the older literature to refer to Mississippian rocks in Ohio. Some geologists use the European term "Carboniferous" which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Formation, but most units are local and cannot be traced over great distances. The Black Hand Member is a spectacular massive sandstone that is fairly undespread but discontinuous. See Hyde (1953). Hoover 1980), and Collins (1979) for more information on Mississippian rocks in Ohio. See figure 3-18 for explanation of rock types.

Page: 1 of 1

plug wih shovel. Describe using Munsell chart. SOIL PIT DESCRIPTION: Excavate 20 cm visual exam, texture, and odor

20 cm Soil pit module # (one per entire plot) 5 CM matrix color 2,543 matrix color hydro. cond *** redox features** hydr. cond.*** oxid roots northe color Mone xid roots northe color Table 1018 mottle dox features** ¥45% 5V41 3 SMD S M (D) Œ Z

refer to texture classes on reverse side

ee e.g. hydrogen sulfide odor, gleying, etc.

=indundated S=saturated M=moist D=dry

Notes: include evidence of earthworms (worms stings, middens)

20 E003 Presence

SOIL SAMPLES Standard procedure: collect a soil sample of the top 10 cm of soil from center of each intensive module and composite the sample

Soil Collection Moduld Horizon (A. B. C) Depth to rest. Layer: Mole than 80 Soil Series Type: Haboning Siltloam Parent Material: 2,3,8,9 composited DRAINAGE* Soil Series Source: Ohio Soil Survey Veb Soil Survey Information: ndform type: Till Playes COS 12 m

□ Well drained Somewhat poorly dr. Moderately well dr. Very poorly dr.

Excessively dr.

□ Somewhat excessively

□ Impermeable surface 8/27/13

SOIL DEPTH MEASUREMENT: Measure to the nearest 0.1 cm in center of intensive modules. If >30.5 cm, record as >30

| _ | | | | |
|-----|-----|-----|-----|------------------------------------|
| 9 | 8 | 3 | 7 | mod# |
| 2.4 | 27 | 2.5 | 3.2 | l litter+ organic depth (cm) |
| 7.A | 27 | 2.5 | 3.2 | 2 litter depth (cm) |
| O | 0 | 0 | 0 | water depth (cm) |
| 3 | >30 | 530 | 287 | depth sat |

| | | | | | m | | 5 | N | 2 | | (m) |
|------------------------|-----------------------|--------------------|----------------------------|-------------------|----------------------|----------------|----------------------|------------------------|---------------|--------------------------|------------------------------|
| **** <5 cm in diameter | *** >5 cm in diameter | **Boulder => 10 in | * Gravel-Cobble = 1/16-10" | Bedrock | Boulder** | Gravel-Cobble* | Mineral Soil | Histosol | (Sum = 100%) | Underlying Earth Surface | EARTH SURFACE & GROUND COVER |
| meter | eter | in | 1/16-10" | 0 | 0 | 1% | 39% | 10% | percent | Surface* | E & GROUN |
| Other | Road/Trail | Bare Soil | Water | Bryophyte- Lichen | Duff (Ferm. + Humus) | Litter | Fine Woody Debris*** | Coarse Woody Debris*** | (Euch ≤ 100%) | Ground Cover | ID COVER |
| 0 | O | 10% | 0 | 2% | 0% | 90% | 21/2 | 7.4 | percent | | |

Hiking sanctioned Bridle

Bootleg unsanctioned

Type

%Cover

All Purpose

ecord type and cover for each

RAIL INFORMATION:

Notails

| Т | # C | |
|---|---|--|
| | COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13 | |
| 1 | Y STR | |
| | &TA idpoint | |
| | s of 5, | |
| | эх:3, 8, | |
| | 13 | |
| ì | * | |

| Strata | Height Range (m) | Total Cover (%) |
|---------------|---|-----------------|
| Tree | 5 | 73 /, |
| Shrub | 0.5.5 | 13% |
| Herb | < 0.5 | 3% |
| (Floating)* | / | / |
| (Aquatic)* | / | / |
| rooted and fi | rooted and floating or slightly emersed | rsed |

| | | | C | , |
|---|---|---|---|---|
| (| ر | 1 | 1 | |
| | | | | |
| | | | | |
| | | | | |

□ Gravel

| STAND SIZE |
|------------|
| |

> 100 x plot size 3-10 x plot size 10-100 x plot size

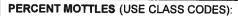
< plot size

1-3 x plot size

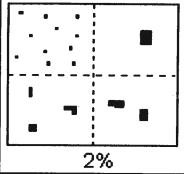
12

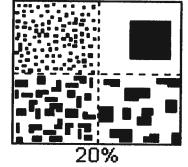
SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.

submersed, most plant mass below surface



| Class | C | ode | Criteria: % of |
|--------|-------|-------|----------------------|
| | Conv. | NASIS | Surface Area Covered |
| Few | ſ | # | < 2 |
| Common | c | # | 2 to < 20 |
| Many | m | # | ≥ 20 |





Тептасеѕ

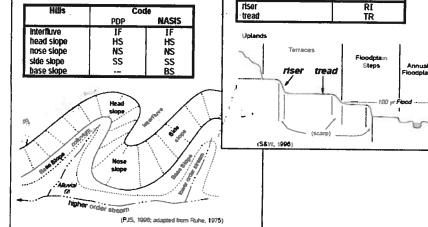
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but excess water does not freely flow from the sample when squeezed. Attempt to roll the sample into a ball. If the soil will not stay in a ball and has a grainy texture, the texture is either sandy or coarse sandy. If the soil does form a ball, squeeze the sample between your fingers and attempt to form a self-supporting ribbon. Samples which form both a ball and a ribbon should be coded as clayey; samples which form a ball but not a ribbon should be coded as loamy.

- 0= Organic
- 1= Loamy
- 2= Clayey
- 3= Sandy
- 4= Coarse Sand
- 9= Not measured make plot note

Position

Geomorphic Component - Three-dimensional descriptors of parts of landforms or microfeatures that are best applied to areas. Unique descriptors are available for Hills, Terraces, Mountains, and Flat Plains;

e.g., (for Hills) nose slope or NS.



Hillstope - Profile Position (Hillstope Position in PDP) - Twodimensional descriptors of parts of line segments (i.e., slope position) along a transect that runs up and down the slope; e.g., backslope or BS. This is best applied to transects or points, not areas.

Code

| | summit shoulder backslope footslope toeslope | | SU SH BS FS TS | |
|---|--|----|----------------------------|----------|
| _ | Su Sh Bs | Fs | ro. | Sh Bs |

HYDROLOGIC REGIME Modified from Grossman et al 1998. (Frequency and duration of flooding.)

UPLAND: Not a wetland. Very rarely flooded.

INTERMITTENTLY/SEASONALLY SATURATED: Dry at least once per year. Surface water is seldom present, but substrate is saturated to surface for extended periods during the growing season.

Code

PERMANENTLY/SEMIPERMANENTLY SATURATED. Dry less than once per year. Surface water is seldom present, but substrate is saturated to surface for extended periods during the growing season. Equivalent to Cowardin's Saturated modifier.

OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often characterizes flood-plain upper terraces.

TEMPORARILY FLOODED: Surface water present for brief periods during growing season, but water table usually lies well below soil surface. Often characterizes flood-plain levees and lower terraces. Equivalent to Cowardin's Temporary modifier.

INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable seasonal periodicity: Inundation is not predictable to a given season and is dependent upon highly localized rain storms. This modifier was developed for use in the arid West for water regimes of Playa lakes, intermittent streams, and dry washes but can be used in other parts of the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's Intermittently Flooded modifier.

SEMIPERMANENTLY FLOODED (exposed <1/year): Surface water persists throughout the growing season in most years. Land surface is normally saturated when water level drops below soil surface. Includes Cowardin's Intermittently Exposed and Semipermanently Flooded modifiers.

PERMANENTLY FŁOODED: Water covers the land surface at all times of the year in all years. Equivalent to Cowardin's "permanently flooded".

UNKNOWN: The hydrologic regime cannot be determined from the available information.

| | | | | | | | FOF | RM B-1: | BUFFI | ER S | SAN | IPLI | E PL | OT | S (Fr | ont) | Reviewed by | (Initial): | | - (| |
|-------------------------------|-----------------|-------------------------------|--------------------|----------|------------|--------------------|-----------|--|--------------------------|----------|---------|----------|----------|--------------------|----------|-------------------------|--|------------|----------|---------------|-------|
| Site ID: | | PC | AP | / | 15 | 37 | 297 | | | | | | | | | | 12212 | | 3 | | |
| Location | : | | | | | | | | Fill | in b | ubb | le(s) | if pl | ot(s |) coul | d not be | sampled and f | lag - | → | | |
| O AA Cer | nter | 0 | N | 0 | S | OE | 0 | | OP | 21.0 | | | lot 2 | | OP | lot 3 | | | | | |
| Fill in bubbles fo | e all the | at ann | lv: Ca | nony T | Tune: f |) = D | eciduous | . C - Eugene | Buffer | .ma: B | - Br | adlaaf | N = N | والمو | Leaf. Al | osent: No tree | a canopy. | | | | |
| Strata Section: F | Fill in ap | bbtob | riate c | over c | lass b | ubble | for each | strata type f | or each plot | t. 0 = / | Absen | t; 1 = S | parse(| <10% |); 2=Mo | derate(10-409 | %); 3 = Heavy (40-75% |); 4 = V | ery He | avy (> | •75%) |
| Buffer Ca | nopy | Тур | e: 🐠 |) (|) Ab | sent | : O | Buffer | Canopy | / Тур | e: 🕝 |) (|) Ab | sent: | 0 | Buffer | Canopy Type: | 0 | Abs | sent: | 0 |
| Plot 1 | Leaf | Тур | e: 🜘 | <u>(</u> | | | Flag | Plot 2 | Lea | f Тур | e: 🕒 | <u>(</u> | | | Flag | Plot 3 | Leaf Type: (| | Ļ | $\overline{}$ | Flag |
| Big Trees (>0.3n | n DBH) | 0 | 0 | 0 | (3) | 0 | | Big Trees (| >0.3m DBH) | 0 | 0 | 0 | <u> </u> | <u> </u> | | Big Trees | (>0.3m DBH) 0 | 0 | <u> </u> | <u> </u> | |
| Small Trees (<0.3n | n DBH) | 0 | 0 | 0 | 0 | 0 | | Small Trees (<0.3m DBH) | | | | | <u> </u> | <u> </u> | | Small Trees | 0 | <u> </u> | 0 | | |
| Woody Shrubs, Sa (0.5m-5m) | plings HIGH) | 0 | 0 | 0 | 0 | 0 | | (0.5m-5m HIGH) | | | | | 0 | <u> </u> | | (0.5 | ibs, Saplings im-5m HIGH) | 0 | <u> </u> | <u> </u> | |
| Woody Shrubs, Sa (<0.5m) | plings | 0 | | 0 | 0 | 0 | | Woody Shrubs, Saplings (<0.5m HIGH) U | | | | | 0 | O | | Woody Shru | 0 | <u> </u> | <u> </u> | | |
| Herbs, Forb | | 0 | 0 | 0 | 0 | 0 | | Herbs, | Forbs and Grasses | 0 | 0 | 0 | 0 | 0 | | Herbs | Forbs and Grasses | 0 | <u> </u> | <u> </u> | |
| Bare gro | | 0 | | 0 | 0 | 0 | | Bar | e ground | 0 | 0 | 0 | 0 | 0 | | Baı | re ground 💿 🕕 | 0 | <u> </u> | 0 | |
| Litter, | duff | 0 | Ō | 0 | | 0 | | L | itter, duff | 0 | 0 | 0 | 0 | 0 | | L | itter, duff 💿 🕦 | 0 | 0 | 0 | |
| F | Rock | $\frac{\tilde{\odot}}{\odot}$ | <u>•</u> | Ō | 0 | Ō | | | Rock | 0 | 0 | 0 | 0 | $\overline{\odot}$ | | | Rock ① ① | 0 | 0 | 0 | |
| | /ater | | $\overline{\odot}$ | 0 | 0 | $\overline{\odot}$ | | | Water | 0 | 0 | 0 | | Ō | | | Water ① ① | 0 | 0 | 0 | |
| Subm | erged | |)(| 0 | |)[(| - | | ubmerged | 1- | 0 | 0 | <u>a</u> | ा | | | Submerged O | 0 | 0 | 0 | |
| Vege | Pros | enc | \sim | _ | _ | | m that | | Vegetation a bubble i | <u> </u> | _ | resen | \sim 1 | l an u | ınfilled | bubble indi | cates absence by fil | ling thi | s bub | ble. | • |
| Reside | | William. | | | | - | | | Hydroid | -07. | | | | | | | Agricultural & R | | | | |
| FIII bubble If | | | - | 1 | 2 | 3 | Flag | FIII bubb | | - | _ | 1 | 2 | 3 | Flag | Fili bubble | e if present - Plot | 1 | 2 | 3 | Flag |
| Road - grave | _ | | 100 | 0 | 0 | 0 | | Ditches, (| • | | | 0 | 0 | 0 | | Pasture/Ha | ay | 0 | 0 | 0 | |
| Road - two la | _ | - | | 0 | 0 | 0 | | Dike/Dam | /Road/RF | | | 0 | 0 | 0 | | Range | | 0 | 0 | 0 | |
| Road - four la | | | | 0 | 0 | 0 | | (IMPEDE FL) Water Le | | ol Str | ucture | - | 0 | Ö | | Row Crops | s de la companya de l | 0 | 0 | 0 | |
| Parking Lot/F | | ent | | 0 | Ö | 0 | | Excavation | | | | O | 0 | 0 | | Fallow Fie | Id (RECENT-RESTING | 0 | 0 | O | 5 |
| Golf Course | | | | 0 | ō | 0 | | Fill/Spoil | Banks | | | 0 | 0 | 0 | | | ld (OLD - GRASS, | 0 | 0 | 0 | |
| Lawn/Park | | | | 0 | 0 | O | | Freshly D | | Sedir | nent | 0 | 0 | 0 | | Nursery | | 0 | 0 | 0 | |
| Suburban Re | esiden | tial | | O | 0 | ō | | Soil Loss | | osure | 9 | 0 | 0 | 0 | | Dairy | | 0 | 0 | 0 | |
| Urban/Multifa | amily | | | 0 | Ō | 0 | | Wall/Ripr | ар | | | 0 | 0 | 0 | | Orchard | | 0 | 0 | 0 | |
| Landfill | | - | | 0 | 0 | 0 | | Inlets, Ou | rtlets | | | 0 | 0 | 0 | | Confined / | Animal Feeding | 0 | 0 | 0 | |
| Dumping | | | | 0 | 0 | 0 | | Point Sou | | WATE | R) | 0 | 0 | 0 | | Rural Res | idential | 0 | 0 | 0 | |
| Trash | - Wio | | | 0 | 0 | 0 | | (SHEETFLO | us surface | inpu | t | 0 | 0 | 0 | | Gravel Pit | | 0 | 0 | 의 | |
| Other: | | | | 0 | 0 | 0 | | Other: | | | | .0 | 0 | 0 | | Irrigation | | 0 | 0 | 0 | |
| Other: | | | 958 | 0 | 0 | 0 | | Other: | | | | . 0 | 0 | 0 | | Other: | | 0 | 0 | 0 | |
| Indust | rial D | evel | opm | ent | Stres | ssor | s | | 1111 2 | | | | Habii | at/V | egeta | tion Stres | sors | | | | |
| FIII bubble II | | | _ | 1 | 2 | 3 | Flag | FIII bubbl | e If prese | ent - | Plot | 1 | 2 | 3 | Flag | Fill bubl | ble If present - Plo | 1 | 2 | 3 | Flag |
| Oil Drilling | | | | 0 | 0 | 0 | | Forest Cle | ar Cut | I, k | | 0 | 0 | 0 | | Herbicide | Use | 0 | 0 | 0 | |
| Gas Wells | | | | 0 | 0 | 0 | | Forest Se | lective Cu | ıt | fig. | 0 | 0 | 0 | | Mowing/SI | nrub Cutting | 0 | 0 | 0 | |
| Mine (surfac | e) | | | 0 | 0 | 0 | | Tree Plan | tation | | | 0 | 0 | 0 | | Trails | | 0 | 0 | 0 | |
| Mine (under | ground | d) | | 0 | 0 | 0 | | Tree Cand | py Herbi | vory | | 0 | 0 | 0 | | Soil Comp (ANIMAL OR | action HUMAN) | 0 | 0 | 0 | |
| Military | | | | 0 | 0 | 0 | | Shrub Lay | | ed | | 0 | 0 | 0 | | | hicle damage | 0 | 0 | 0 | |
| Other: | | - | | 0 | 0 | 0 | | Highly Gra | azed Gras | ses | | 0 | 0 | 0 | | Soil erosio | IN (FROM WIND, WATER | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Recently I | | prest | | 0 | 0 | 0 | | Other: | | 0 | 0 | 0 | |
| | | | - | 0 | 0 | 6 | | Canopy Recently | | rassla | and | 0 | 0 | 0 | | Other: | | 0 | 0 | 0 | |
| Other: | codes | . K = | No m | | _ | t mad | e. U = | (BLACKENE) Suspect mea | surement | . F1.I | F2, etc | . = mi: | sc. flag | s ass | Igned b | | crew. | 2816 | _ | 200 | |
| | fer Sa | | | | | Exi | olain ail | flags in com | ment sect | ion o | the I | oack o | this fo | orm | | * | 24. | -010 | | | |

| Site ID: | D | CA | 0 | M | 2207 | DAT | - | 1 | | 2 2 1 - 2 : 5 | | | | |
|--|----------------------------|---------------------------------|------------------------------------|--|---|----------------------------|---------------|---------------------|----------------------------------|--|-----------|---------------|---------------------------|--------------|
| | | UIT | <u> </u> | 1113 | 3397 | DAI | E: (| | <u>6</u> , | 2.2.1.2.0.1.3 | | | | |
| © Confirm | a fille | ed da | ita bi | ubble i | ndicates presence and an unf | illed | bubb | le Ind | dicates | absence by filling in this bub | ble | | | |
| FIII bubbie if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | FIII bubble if present - Plot | 1 | 2 | 3 | FI |
| Eurasian Watermilfoil | 0 | 0 | 0 | | Purple Loosestrife | 0 | 0 | 0 | | Johnson Grass | 0 | 0 | 0 | |
| Water hyacinth | 0 | 0 | 0 | | Knotweed | 0 | 0 | 0 | | Kudzu | 0 | 0 | 0 | |
| Yellow Floating Heart | 0 | 0 | 0 | | Japanese Knotweed | 0 | 0 | 0 | | Multiflora Rose | 0 | 0 | 0 | _ |
| Glant Salvinia | 0 | 0 | 0 | | Perennial Pepperweed | 0 | 0 | 0 | | Common Buckthorn | 0 | 0 | 0 | _ |
| Garlic Mustard | 0 | 0 | 0 | | Giant Reed | 0 | 0 | 0 | | Himalayan Blackberry | 0 | 0 | 0 | |
| Poison Hemlock | 0 | 0 | 0 | | Cheatgrass | 0 | 0 | 0 | | Tamarisk | 0 | 0 | 0 | |
| Mile-A-Minute Weed | 0 | 0 | 0 | | Reed Canary Grass | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | |
| Birdsfoot Trefoil | 0 | 0 | 0 | | Common Reed | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | |
| Canada Thistle | 0 | 0 | 0 | | Leafy Spurge | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | _ |
| | | No. | | | | | | | | Other: | | $\overline{}$ | | |
| | | | | | PLOT COORD | INIA | TCO | | | Outor. | 0 | 0 | 이 | |
| Buffer Plot 3 can not be accided and accided accided and accided and accided and accided accided accided and accided accid | essection Traine contenter | d, tak ansectording of PI | e the cts are ates ot 3 a | coording the coordinate the coordina | nates at the nearest practicable coordinates will indicate the loca aken and why in the comment sible or at the center of the last a O W3 O Nearest practicable control of the last a O W3 | locat ition o ection | belo sible | w. Th Buffe | ect. Fill le coor er Plot. | TRANSECT. This is important to a line the "nearest practicable local dinates of the nearest practicable and comment below) | ecau | se all | Buffe | in i |
| ag box, and describe where the placed as close to the condition of coordinate AA CENTER O N3 | essection Traine contenter | d, tak ansectording of PI | e the cts are ates ot 3 a | coording the coordinate the coordina | nates at the nearest practicable coordinates will indicate the location and why in the comment stible or at the center of the last of the | location of ection acces | belo sible | w. The Buffe cation | ect. Fil ne coon r Plot. | TRANSECT. This is important to a line the "nearest practicable local dinates of the nearest practicable local line to the nearest practicable loca | ecaustion | se all | Buffe e, fill can t | in e |
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| | | | N. H | W. | | | FOF | RM B-1: | BUFF | ER | SAN | NPL | E PI | OT | S (Fi | ront) | Revie | wed by (I | nitial): | | _ (| |
|----------------------------------|------------------------------|-----------|---------------------|----------|------------------|------------|---|-----------------------------|---|----------|-------------|------------|----------|---------|----------|--------------------------------|---------------------------------|-----------|---------------------|----------|---------------------|-------|
| Site I | D: (| CA | P | M | 5 | 251 | 94 | | | | | | | | DATE | 08 | 1221 | 2 | 0 | 2 | | |
| Location | on: | | | | TOT | | | | Fill | In b | ubb | le(s) | if p | | | | sampled a | - | _ | → | | |
| OAAC | enter | 0 | N | 0 | S | OE | . 0 | W | OP | lot | 1 | 01 | Plot | 2 | OP | lot 3 | | | | | | |
| Fiil in bubble Strata Section | s for ail th n: Fiil In a | at app | ply: Ca orlate o | nopy | Type: class t | D = D | eciduou for eaci | s: F = Everan | Buffer een. Leaf T or each plo | voe: E | B = Bro | oadiea | f: N = 1 | veedie | Leaf. A | bsent: No treo derate(10-40 | e canopy. %); 3 = Heavy (4 | 0-75%); | 4 = V | ery He | avy (| >75%) |
| Buffer | Canopy | / Тур | e: 4 |) (|) At | sen | : O | Buffer | Canopy | у Тур | e: (| 0 |) Ab | sent | : 0 | Buffer | Canopy Typ | e: ① | 0 | Ab | sent | : 0 |
| Plot 1 | Lea | f Тур | e: 🌘 | <u>C</u> | | | Flag | Plot 2 | Lea | f Тур | e: 🍕 |) (|) | | Flag | Plot 3 | Leaf Typ | e: (1) | 0 | | | Flag |
| Big Trees (> | 0.3m DBH) | 0 | 0 | 0 | 0 | | | Big Trees (| >0.3m DBH) | 0 | 0 | 0 | 3 | | | Big Trees | (>0.3m DBH) | 0 | | 0 | 0 | |
| maii Trees (< | 0.3m DBH) | 0 | 0 | 0 | | 0 | | Small Trees (| <0.3m DBH) | 0 | 0 | 0 | | 0 | | Small Trees | (<0.3m DBH) | 0 | 0 | 0 | 9 | |
| Woody Shrubs (0.5m- | , Saplings 5m HIGH) | 0 | 9 | 0 | 0 | 0 | | Woody Shrub (0.5m | s, Saplings 1-5m HIGH) | 0 | | 0 | 0 | \odot | | | ibs, Saplings im-5m HIGH) | 9 | <u> </u> | <u> </u> | <u> </u> | |
| Woody Shrubs (<0. | Saplings 5m HIGH) | 0 | 0 | 0 | 0 | 0 | | Woody Shrub (<0 | s, Saplings).5m HIGH) | 0 | | ② | 0 | 0 | | | bs, Saplings 0.5m HIGH) | 0 | | <u> </u> | <u> </u> | |
| Herbs, F | orbs and Grasses | 0 | 0 | 0 | 0 | 0 | | Herbs, | Forbs and Grasses | 0 | | 0 | 0 | 0 | | Herbs | Forbs and Grasses | 0 | | <u> </u> | <u> </u> | |
| Bare | ground | 0 | 9 | 0 | 0 | 0 | | Bare | ground | 0 | | 0 | 0 | 0 | | Bai | e ground 0 | | 0 | <u> </u> | <u> </u> | |
| Litt | er, duff | 0 | 0 | 0 | 0 | (4) | | Li | tter, duff | 0 | 0 | 0 | 0 | | | | itter, duff 💿 | 0 | <u> </u> | <u> </u> | 9 | , |
| | Rock | | 0 | 0 | 0 | 0 | | | Rock | O | 0 | 0 | 0 | 0 | | | Rock ① | 9 | ① | 0 | 0 | f |
| | Water | 9 | 0 | 0 | 0 | 0 | | | Water | 6 | 0 | 0 | 0 | 0 | | | Water 💿 | | 0 | <u> </u> | 0 | 1 |
| | bmerged egetation | | 0 | 0 | 0 | 0 | | | ubmerged /egetation | • | 0 | 0 | 0 | 0 | | | Submerged Vegetation | 0 | 0 | 0 | 0 | |
| Stress | or Pres | enc | e/Ab | send | e - (| Confi | m that | a filled data | bubble i | ndica | tes p | resen | ce an | d an i | unfilled | bubble indi | cates absence | by fillin | g thi | s bub | ble. | • |
| Resi | dential | and | Urb | an S | tress | ors | | | Hydrolo | gy S | itres | sors | | | | | Agricultural | & Rur | al S | tres | ors | |
| FIII bubble | If prese | ent - | Plot | 1 | 2 | 3 | Flag | Fill bubbl | e If prese | ent - | Plot | 1 | 2 | 3 | Flag | Fill bubble | If present - F | Plot | 1 | 2 | 3 | Flag |
| Road - gra | vel | | | 0 | 0 | 0 | | Ditches, C | hanneliza | ation | | 0 | 0 | 0 | | Pasture/Ha | ay | | 0 | 0 | 0 | |
| Road - two | lane | | | 0 | 0 | 0 | | Dike/Dam | | R Bed | | 0 | 0 | 0 | | Range | | | 0 | 0 | 0 | |
| Road - fou | r lane | | cities | 0 | 0 | 0 | | Water Lev | el Contro | l Str | octure | 0 | 0 | 0 | | Row Crops | | | 이 | 0 | 이 | |
| Parking Lo | t/Paven | nent | | 0 | 0 | 0 | | Excavation | n, Dredgii | ng | | 0 | 0 | 0 | | ROW CROP FIE | | ING | 의 | 0 | 0 | |
| Golf Cours | se | | | 0 | 0 | 0 | | Fill/Spoil E | | 6 | | 0 | 0 | 0 | | Fallow Fiel SHRUBS, TRI | d (OLD - GRASS, ES) | _ | 의 | 의 | 의 | |
| Lawn/Park | | | | 0 | 0 | 0 | | Freshly Do | | Seam | nent | 0 | 0 | 0 | | Nursery | -2. | | 이 | 의 | 의 | |
| Suburban | Residen | tial | | 0 | 0 | 0 | | Soil Loss/ | | osure | • | 0 | 0 | 0 | | Dairy | | | 의 | 의 | 의 | |
| Urban/Mul | tifamily | | | 0 | 0 | 0 | | Wall/Ripra | ip | | | 0 | 0 | 0 | | Orchard | | | 의 | 9 | 의 | |
| Landfill | | | | 0 | 0 | 0 | | Inlets, Out | | | | 0 | 0 | 0 | | | Animal Feeding |) | 의 | 의 | 의 | |
| Dumping | | | | 0 | 0 | 0 | | (EFFLUENT (| OR STORM | WATER | 3) | 10 | 0 | 0 | | Rural Resi Gravel Pit | gentiai | | 의 | 의 | 의 | |
| Trash | | | | 10 | 0 | • | | (SHEETFLOV | | про | | 10 | 0 | 0 | | | | | 의 | 읫 | 의 | |
| Other: | | | | 10 | 0 | 0 | | Other: | | | | 10 | 0 | 0 | | Irrigation | | - | 읭 | | 0 | |
| Other: | | | | 10 | 0 | 0 | CONTRACTOR OF THE PARTY OF THE | Other: | | | | 0 | 0 | 0 | 4 - 4 | | | | $\overline{\alpha}$ | 0 | $\overline{\Delta}$ | |
| | strial D | | | ent | | | | | | | - | | T | | | tion Stres | | Dical | 4 | 2 | 2 | Flag |
| Fill bubble | | ent - | Plot | 1 | 2 | 3 | Flag | Fill bubble | | nt - | Plot | 1 | 2 | 3 | Flag | | le if present - | Piot | 싉 | 2 | 3 O | riay |
| Oll Drilling | | or series | - | 0 | 0 | 0 | | Forest Clea | | | | 0 | 0 | 0 | | Herbicide L | | | 읬 | 읫 | | |
| Gas Wells | | | | 0 | 0 | 0 | | Forest Sele | ctive Cut | 4-3 | _ | 0 | 0 | 0 | - | | rub Cutting | - | 의 | | 0 | |
| Mine (surf | ace) | | | 0 | 0 | 0 | | Tree Planta Tree Canor | | On/ | _ | 0 | 0 | 0 | | Trails Soll Compa | ection | - | 의 | 이 | 0 | |
| Mine (und | erground | 1) | | 0 | 0 | 0 | | (INSECT) | | | | 0 | 0 | 0 | | (ANIMAL OR I | IUMAN) | | 의 | 0 | 0 | |
| Military | | | 11 | 0 | 0 | 0 | | Shrub Laye | MESTIC) | | | 0 | 0 | 9 | | | nicle damage n (FROM WIND, W | ATER | 의 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Highly Graa (OVERALL <3* | HIGH) | | | 0 | 0 | 0 | | OR OVERUSE | | AIEK, | 의 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Recently B Canopy | | | | 0 | 0 | 0 | | Other: | | | 이 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Recently B (BLACKENED) | urned Gra | assla | nd | 0 | 0 | 0 | | Other: | - | | 이 | 0 | 0 | |
| | ag codes uffer Sar | | | | | Exp | | uspect meas lags in comm | | | | | | | igned b | y each field c | rew. | 2428 | 168 | 304 | Annual Control | |

| | Site ID: | þ | CA | PI | ns3 | 397 | DAT | E: | 0.8 | <u>5</u> 1 | 2212013 | | | |
|--|--|---|--|--|--|--|---|--------|----------------------------------|--|---|------|--------------------------|----------|
| , | O Confirm | a fille | ed da | ta bi | ıbble l | ndicates presence and an unf | illed I | bubb | le Inc | llcates | absence by filling in this bub | ble | | |
| Fill bubble if p | present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 |
| Eurasian Wate | ermilfoil | 0 | 0 | 0 | | Purple Loosestrife | 0 | 0 | 0 | | Johnson Grass | 0 | 0 | c |
| Water hyacint | th | 0 | 0 | 0 | | Knotweed | 0 | 0 | 0 | | Kudzu | 0 | 0 | C |
| Yellow Floatin | g Heart | 0 | 0 | 0 | | Japanese Knotweed | 0 | 0 | 0 | | Multiflora Rose | 0 | 0 | 6 |
| Glant Salvinia | E-MERT | 0 | 0 | 0 | | Perennial Pepperweed | 0 | 0 | 0 | | Common Buckthorn | 0 | 0 | • |
| Garlic Mustard | d | 0 | 0 | 0 | | Giant Reed | 0 | 0 | 0 | | Himalayan Blackberry | 0 | 0 | o |
| Poison Hemlo | ck | 0 | 0 | 0 | | Cheatgrass | 0 | 0 | 0 | _ | Tamarisk | 0 | 0 | O |
| Mile-A-Minute | Weed | 0 | 0 | 0 | | Reed Canary Grass | 0 | 0 | 0 | | Other: | 0 | 0 | 0 |
| Birdsfoot Trefe | oll | 0 | 0 | 0 | | Common Reed | 0 | 0 | 0 | | Other: | 0 | 0 | 0 |
| | | | | 0 | | Leafy Spurge | 0 | 0 | 0 | | Other: | 0 | 0 | o |
| Canada Thistle | е | 0 | 0 | | | | | | | | | | | |
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| | | | | FC | ORM B-1: | BUFF | ER | SA | MPL | E F | PLO | TS (F | Front) | | Review | red by (| nitial); _ | Eq13 | - |
|--|------|--------------|----------|------------|---------------------------------|----------------------|--------------|--------------|---------------|----------------|--------------------|--------------|-----------------------------|---------------------------|---------|----------------------|------------------------|---------------|----------|
| Site ID: PCAP | 1 | 15 | 7 | 39 | 7 | | | | | | | DAT | E: 08 | 12: | 21 | 2 | 0 1 | 3 | |
| Location: | | | | | | Fill | in I | oubt | ole(s |) if | plot | (s) co | uld not be | sampl | ed a | nd fl | ag — | + | |
| O AA Center O N | C | S | 0 | E (| O W | | Plot | | Z . X | Plo | | | Plot 3 | | | | | | |
| Fill in bubbles for all that apply: (| anop | у Туре | : D = | Deciduo | uie: E - Everen | Buffer en. Leaf 1 | Time: | D - D- | | . e. e. | | | Absent: No tre | e canopy. | | | | • | |
| Strata Section: Fill in appropriate Buffer Canopy Type: (| COVE | Class | bubi | ole for ea | cn strata type to | or each plo | ot. 0 = | Abser | nt; 1 = | Spars | se(<10 | 0%); 2=N | Moderate(10-40 | %); 3 = He | avy (40 | -75%); | 4 = Ver | y Heav | y (>75° |
| Plot 1 Leaf Type: (| _ | | เทลด | Flag | Buffer Plot 2 | Canop | | 9e: (| $\overline{}$ | : + | bser | | Buffer Plot 3 | Canop | | $\stackrel{\sim}{=}$ | $\stackrel{\smile}{-}$ | Abse | nt: (|
| Big Trees (>0.3m DBH) | | ~ | IC | | Big Trees (> | | T - | 0 | (| 0 | 0 | Flag | - | (>0.3m DBH | f Type | () () | | | Fla |
| Small Trees (<0.3m DBH) | 0 | 10 | 0 | | Small Trees (| | += | ŏ | 0 | 0 | 0 | | Small Trees | | +=+ | 8 | ① (| - | |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | (| 0 | 10 | | Woody Shrub | | | 0 | 0 | 0 | lŏ | | Woody Shru | ubs, Saplings | | | | | |
| Woody Shrubs, Saplings (<0.5m HIGH) | 0 | 0 | 0 | | Woody Shrub | | | 0 | 0 | 0 | ŏ | 1 | Woody Shru | im-5m HIGH | | - | | | 4- |
| Herbs, Forbs and Grasses | 0 | 0 | 0 | | | orbs and Grasses | 0 | Ŏ | 0 | 0 | 0 | 1 | | <0.5m HIGH) Forbs and | <u></u> | _ | 3 6 | \rightarrow | + |
| Bare ground ① 🕡 | 0 | 0 | 0 | | Bare | ground | <u></u> | Ō | 0 | 0 | ō | 1 | Bar | Grasses e ground | 0 | | 3 (| | _ |
| Litter, duff 💿 🕦 | 0 | 0 | @ |) | Lit | ter, duff | Ō | 0 | 0 | 0 | Ō | | | itter, duff | 0 | | 3 6 | | |
| Rock 🔞 🛈 | 0 | 0 | 0 | | | Rock | (| Ō | 0 | 0 | 0 | | | Rock | 0 | _ |) (| _ | + |
| Water 🚷 🕠 | 0 | 0 | C | | | Water | 0 | Õ | 0 | 0 | Ō | | | Water | 0 | +- | 2 6 | + - | + |
| Submerged Vegetation | 0 | 0 | 0 | | | bmerged egetation | (1) | Ō | 0 | | $\overline{\odot}$ | | 5 | Submerged | | $\overline{}$ | 2 0 | | _ |
| Stressor Presence/At | sen | ce - | Con | firm tha | | | _ | | _ | _ | _ | unfilled | d bubble indic | Vegetation | ence b | | this t | ubble | (|
| Residential and Urb | | | | | | lydrolo | Diam'r | William Park | A | | | | SOUTH STREET | Agricult | | - | - | 1115 | |
| FIII bubble if present - Plot | 1 | 2 | 3 | Flag | FIII bubble | | | _ | 1 | 2 | 3 | Flag | 1 | 10,110,110 | | - | 1 | T | Flag |
| Road - gravel | 0 | 0 | 0 | | Ditches, Ch | nanneliza | ition | | 0 | 0 | 0 | | Pasture/Ha | | | 1 | 0 | + | |
| Road - two lane | 0 | 0 | 0 | | Dike/Dam/I | | Bed | | 0 | 0 | 0 | | Range | salos (3 | | - | | - | - |
| Road - four lane | 0 | 0 | 0 | | Water Leve | | l Stru | cture | 0 | 0 | 0 | | Row Crops | | | - | 0 0 | - | - |
| Parking Lot/Pavement | 0 | 0 | 0 | | Excavation | Dredgin | ıg | | 0 | 0 | 0 | | Fallow Field | (RECENT- | RESTIN | | 0 0 | - | - |
| Golf Course | 0 | 0 | 0 | | Fill/Spoil Ba | | | | 0 | 0 | 0 | | Fallow Field SHRUBS, TRE | (OLD - GR | ASS. | | 0 | 0 | |
| Lawn/Park | 0 | 0 | 0 | | Freshly De | D) | 122 | ent | 0 | 0 | 0 | | Nursery | | | | 0 0 | 0 | |
| Suburban Residential Urban/Multifamily | 0 | 0 | 0 | | Soil Loss/R | | sure | | 0 | 0 | 0 | | Dalry | | | (|) C | 0 | |
| Landfill | 0 | 0 | 0 | _ | Wall/Riprap | | | | 0 | 0 | 0 | | Orchard | | | (| | 0 | |
| Dumping | 0 | 0 | 0 | - | Point Source | e/Pipe | | | 0 | 0 | 0 | _ | Confined A | THE PARTY OF | ding | - | | - | + |
| Trash | 0 | 0 | 0 | | (EFFLUENT OF | surface i | ATER | Hill K | 0 | 0 | 0 | | Rural Resid | ential | | | OC | _ | |
| Other: | 0 | 0 | 0 | | (SHEETFLOW) Other: | | | | 0 | 0 | 0 | | Gravel Pit | | | | | | |
| Other: | 0 | 0 | 0 | | Other: | | - 17 | | 00 | 0 | 0 | | Irrigation Other: | | | | | | |
| Industrial Developme | | | | NAME OF | | | | | 1 | | | eneta | tion Stress | | | 1 |) C | 0 | |
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | FIII bubble I | f presen | t - P | iot | 1 | 2 | 3 | Flag | FIII bubbl | | nt Di | ne l | 1 2 | 1. | I |
| Oll Drilling | 0 | 0 | 0 | | Forest Clear | | | | 0 | 0 | 0 | · lug | Herbicide Us | | all - F | (| | | Flag |
| Gas Wells | 0 | 0 | 0 | | Forest Selec | | | | 0 | 0 | 0 | | Mowing/Shru | The state of the state of | | 1 | | + | - |
| Mine (surface) | 0 | 0 | 0 | | Tree Plantati | | | | 0 | 0 | 0 | - | none dieniki | o Catting | | - | | 1 | - |
| Wine (underground) | 0 | 0 | 0 | | Tree Canopy | | гу | | 0 | 0 | 0 | | Trails Soll Compac | | | 1 | | + | |
| Military | 0 | 0 | 0 | | Shrub Layer | | HILL | 1 | 0 | 0 | (| | Offroad work | | | 10 | | + | |
| Other: | 0 | 0 | 0 | - | (WILD OR DOME Highly Graze | d Grasse | es | + | 0 | 0 | 0 | | Offroad vehicles | | | R | + | 1 | <u> </u> |
| Other: | 0 | | 0 | | (OVERALL <3" H Recently Burn | | st | | 0 | | | | OR OVERUSE) | | | 10 | | | |
| Other: | 0 | 0 | _ | | Canopy Recently Burn | ned Gras | slan | 1 | | 0 | 9 | | Other: | | - | - 9 | 1 | 0 | |
| Flag codes: K = No med | | | 이 | | (BLACKENED) | | | - Care 100 | 0 | 0 | 0 | | Other: | | | _ (| | 0 | 1 |

| Site ID: | P | CA | P | MS | 3397 | DAT | E: C | 9. 6 | 5_1 2 | 2,21,2.0.1.3. | | | | |
|---|--|------------------------------------|--------------------------------------|---|--|---|--|--------------------------------------|--|--|---------------------------|-------|--------------------------|----------------------|
| Confirm | a fille | ed da | ta bi | ıbble lı | | | | | | absence by filling in this bub | ble | | | |
| ill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Fla |
| Eurasian Watermilfoil | 0 | 0 | 0 | | Purple Loosestrife | 0 | 0 | 0 | | Johnson Grass | 0 | 0 | 0 | |
| Vater hyacinth | 0 | 0 | 0 | | Knotweed | 0 | 0 | 0 | | Kudzu | 0 | 0 | 0 | |
| ellow Floating Heart | 0 | 0 | 0 | | Japanese Knotweed | 0 | 0 | 0 | | Multiflora Rose | 0 | 0 | 0 | |
| Blant Salvinia | 0 | 0 | 0 | | Perennial Pepperweed | 0 | 0 | 0 | | Common Buckthorn | 0 | 0 | 0 | |
| Sarlic Mustard | 0 | 0 | 0 | | Giant Reed | 0 | 0 | 0 | | Himalayan Blackberry | 0 | 0 | 0 | |
| olson Hemlock | 0 | 0 | 0 | | Cheatgrass | 0 | 0 | 0 | | Tamarisk | 0 | 0 | 0 | 1 |
| file-A-Minute Weed | 0 | 0 | 0 | | Reed Canary Grass | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | |
| irdsfoot Trefoil | 0 | 0 | 0 | | Common Reed | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | |
| Canada Thistle | 0 | 0 | 0 | | Leafy Spurge | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | |
| | | | | | | | | | | Other: | 0 | 0 | 0 | |
| | Het. | | | The state of | PLOT COORE | DINA | TES | | | | | El gr | DESI- | 顶结 |
| cation of the plot coordinat Buffer Plot 3 can not be ac ots are centered on the Bu ag box, and describe where ther placed as close to the Location of coordinat O AA CENTER O N | cesse ffer T the c cente | filling d, tal ranse coordi r of F | ke the cts a inate: Plot 3 | e coord and the s were to as pos | opriate bubble. Inates at the nearest practicable coordinates will indicate the loc taken and why in the comment sible or at the center of the last | e loca ation section acce | of the of the on belo ssible | ALON transow. T Buff | IG THE sect. Fi he coo er Plot. | TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below) | becau ation ble loc | se al | l Bufi | fer li In t be |
| lots are centered on the Buag box, and describe where ither placed as close to the Location of coordinat | cesse ffer T the c cente | filling d, tal ranse coordi r of F | y in the ke the ects a inate: Plot 3 | e coord and the s were to as pos | opriate bubble. Inates at the nearest practicable coordinates will indicate the loc taken and why in the comment sible or at the center of the last O W3 O Nearest practicable. | e loca ation sectlo acce ctical | ation A of the on belo ssible | ALON transow. To Buff catio | IG THE sect. Fi he coo er Plot. | TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practications." | becau ation ble loc | se al | l Bufi le, fii can | fer li In t be |
| Buffer Plot 3 can not be ac lots are centered on the Buag box, and describe where ther placed as close to the Location of coordinat O AA CENTER O N | cesse ffer T the c cente es (c | filling d, tal ranse coordi r of F | y in the ke the ects a inate: Plot 3 | e coord ind the s were i as pos ne): E3 | Inates at the nearest practicable coordinates will indicate the loc laken and why in the comment slible or at the center of the last O W3 O Nearest practicable or at the center of the last | e loca ation sectlo acce ctical | ation A of the on belo ssible | ALON transow. To Buff catio | IG THE sect. Fi he coo er Plot. | TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicate and comment below) | becau ation ble loc | se al | l Bufi le, fii can | fer li In t be |
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| | ill in bubbles for all that apply: Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy. Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2=Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%); 4 = Very Heavy | | | | | | | | | | | | | | >75%) | | | | | | | |
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| Tenning of the | all diva | The strongs | Hydrolo | | 0 10- | mil in | | | | | Agricultural & R | W. Com | 6650 | TO STATE OF THE PARTY. | 1000 | | | | | | | |
| Residential and Urban Stressors Fill bubble if present - Plot 1 2 3 Flag | | | | Flag | | 1000000 | | 1000 | 1 | 2 | 3 | Flag | | If present - Plot | 1 | 2 | 3 | Flag | | | | |
| Road - gra | | | | 0 | 0 | 0 | 9 | FIII bubble If present - Plot Ditches, Channelization | | | | 0 | 0 | 0 | | Pasture/Ha | | 0 | 0 | 0 | | |
| Road - tw | | | | 0 | 0 | 0 | | Dike/Dam/ | Road/RR | COURTOS | F | 0 | 0 | 0 | | Range | | 0 | 0 | 0 | | |
| Road - fou | | | | (IMPEDE FLOW) Water Level Control Structure | | | 1 | 0 | 0 | | Row Crops | | 0 | 0 | 0 | _ | | | | | | |
| Parking Le | The Contract of the | nent | | 0 | 0 | 0 | | Excavation, Dredging | | | 0 | 0 | 0 | | Fallow Field | Fallow Field (RECENT-RESTING | | | | | | |
| Golf Cour | | | | 0 | 0 | 0 | | Fill/Spoll Banks | | | 0 | 0 | 0 | | | OLD - GRASS, | 0 | 0 | 0 | | | |
| Lawn/Parl | (| HI | | 0 | 0 | 0 | | Freshly Deposited Sediment | | | | 0 | 0 | 0 | | SHRUBS, TRE | ES) | 0 | 0 | 0 | | |
| Suburban | Residen | tial | | 0 | 0 | 0 | | (UNVEGETATED) Soil Loss/Root Exposure | | | | | 0 | 0 | | Dairy | | 0 | 0 | 0 | | |
| Urban/Mu | Itifamily | | | 0 | 0 | 0 | | Wall/Riprap | | | | | 0 | 0 | | Orchard | | 0 | C | 0 | | |
| Landfill | | | | 0 | 0 | 0 | | Inlets, Out | lets | | | 0 | 0 | 0 | | Confined A | nimal Feeding | 0 | 0 | 0 | | |
| Dumping | | | | 0 | 0 | 0 | | Point Source/Pipe (EFFLUENT OR STORMWATER) Impervious surface input | | | | 0 | 0 | 0 | | Rural Resid | dential | 0 | 0 | 0 | | |
| Trash | | | | 0 | 0 | 0 | | Impervious (SHEETFLOW | surface | inpul | | 0 | 0 | 0 | | Gravel Pit | | 0 | 0 | 0 | | |
| Other: | | | | 0 | 0 | 0 | | Other: | | =147 | | 0 | 0 | 0 | | Irrigation | | 0 | 0 | 0 | | |
| Other: | (U. P. (2) (1) | | | 0 | 0 | 0 | | Other: | - | | | 0 | 0 | 0 | | Other: | | 0 | 0 | 0 | | |
| Industrial Development Stressors | | | | | | | 8 | | Habitat/Vegeta | | | | | | | tion Stressors | | | | | | |
| Fill bubble if present - Plot | | 1 | 2 | 3 | Flag | FIII bubble | If prese | nt - I | Plot | 1 | 2 | 3 | Flag | FIII bubb | le if present - Plot | 1 | 2 | 3 | Flag | | | |
| Oll Drilling | Oll Drilling | | | Forest Clear Cut | | | | 0 | 0 | 0 | | Herbicide U | se | 0 | 0 | 0 | | | | | | |
| Gas Wells | | | | Forest Selective Cut | | | 0 | 0 | 0 | | Mowlng/Shi | ub Cutting | 0 | 0 | 0 | | | | | | | |
| Mine (surf | line (surface) | | | Tree Planta | tion | | | 0 | 0 | 0 | | Tralls | | | 0 | 0 | | | | | | |
| Mine (und | Mine (underground) | | | Tree Canop | y Herbivo | огу | 12. | 0 | 0 | 0 | | Soil Compa | ction | 0 | 0 | 0 | | | | | | |
| Military | | TO A | | 0 | 0 | 0 | | Shrub Laye | r Browse | d | | • | 0 | • | | (ANIMAL OR H | uman) iicle damage | 0 | 0 | 0 | | |
| Other: | | | | 0 | 0 | 0 | | (WILD OR DON Highly Graz | ed Grass | es | mv2(| 0 | 0 | 0 | | | (FROM WIND, WATER | 0 | | 0 | | |
| Other: | | 1101 | PRU. | | | | - | (OVERALL <3" Recently Bu | | est | 10 OH0 10 0H0 | | | | | OR OVERUSE) | | | 0 | | | |
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| Eurasian Watermilfoli O O O Purple Loosestrife O O O Johnson Grass O O O Water hyacinth O O O O Knotweed O O O Kudzu O O O O Water hyacinth O O O O Japanese Knotweed O O O Multiflora Rose Giant Salvinia O O O O Japanese Knotweed O O O Common Buckthorn O O O O Grantinia Buckberry O O O O Giant Reed O O O O Himalayan Blackberry O O O O Himalayan Blackberry O O O O Biant Reed O O O O Himalayan Blackberry O O O O Biant Reed O O O O O O O O O O O O O O O O O O O | Ø Confirm | a filic | ed da | ta bu | ibble ir | ndicates presence and an uni | illed | bubb | le Ind | licates | absence by filling in this | bubble | | |
| Water hyacinth O O Purple Loosestrife O O Johnson Grass O O O | | 1 | 2 | 3 | Flag | FIII bubble If present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - I | Plot 1 | 2 | 3 |
| Water hyacinth O O O Knotweed O O O Kudzu O O O O | Euraslan Watermilfoil | 0 | 0 | 0 | | Purple Loosestrife | 0 | 0 | 0 | | Johnson Grass | 0 | 10 | 0 |
| Yellow Floating Heart | Water hyacinth | 0 | 0 | 0 | | Knotweed | 0 | 0 | 0 | | Kudzu | | + | |
| Glant Salvinia Garlic Mustard Garlic Mustard | Yellow Floating Heart | 0 | 0 | 0 | | Japanese Knotweed | 0 | 0 | 0 | | Multiflora Rose | | | |
| Garlic Mustard O O O Glant Reed O O O Himalayan Blackberry O O O Manual Poison Hemlock O O O Cheatgrass O O O O Tamarisk O O O O Manual Poison Hemlock Mile-A-Minute Weed O O O Reed Canary Grass O O O O O O O O O O O O O O O O O O O | Giant Salvinia | 0 | 0 | 0 | | Perennial Pepperweed | 0 | 0 | 0 | | Common Buckthorn | | - | 8 |
| Poison Hemlock O O O Cheatgrass O O O O Tamarisk O O O O Mile-A-Minute Weed O O O Reed Canary Grass O O O O Other: O O O O O O Other: O O O O O O O O Other: O O O O O O O O O O O O O O O O O O O | Garlic Mustard | 0 | 0 | 0 | | Glant Reed | 0 | 0 | 1 | | Himalayan Blackberry | 3 | + | 6 |
| Mile-A-Minute Weed OOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOOO | Poison Hemlock | 0 | 0 | 0 | | Cheatgrass | 0 | 0 | 0 | | Tamarisk | THE RESERVE TO SECTION | + | + |
| Birdsfoot Trefoil Canada Thistle Canada This | Mile-A-Minute Weed | 0 | 0 | 0 | | Reed Canary Grass | 0 | | - | | Other: | | + | - |
| Canada Thistle O O O Leafy Spurge O O O O Other: O O O Othe | Birdsfoot Trefoil | 0 | 0 | 0 | | Common Reed | - | | - | | | | + | |
| Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble. If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill ag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be buffer Plot 3 as possible or at the center of the last accessible Buffer Plot. Location of coordinates (choose one): O AA CENTER N3 O S3 O E3 O W3 O Nearest practicable location (flag and comment below) Latitude North 4 / 1. 30223 Longitude West 0 8 / 2. 2542 Use Decimal Degrees; NAD83 | Canada Thistle | 0 | 0 | 0 | | Leafy Spurge | | | - | | Other: | | + | - |
| PLOT COORDINATES Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the ocation of the plot coordinates by filling in the appropriate bubble. If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill lag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be sither placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot. Location of coordinates (choose one): O AA CENTER No. 3 O S3 O E3 O W3 O Nearest practicable location (flag and comment below) Latitude North 4 / . 30223 Longitude West 0 8 / . 79547 Use Decimal Degrees; NAD83 | | | | Mill | | | | | | Little St. | Other: | | + | 1 |
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05/27/2011

Buffer Sample Points - Targeted Alien Species

7966623548

| Site ID: PLAP | | MS | 5 | 33 | 97 | | | | | | | DA | re: 0.8 | 12 | 71 | 2. <i>C</i> |) | 2 | |
|--|--|---------------|---------------|-----------------------------|--|--------------------------|------------|--------------|-------------------|------------------|----------------|---------------------|---|------------------------------|------------|--------------|---------------|-------|--------|
| Location: | | | | APPARA | | Fill | in b | ubb | le(s |) if 1 | plot | (s) co | ould not be | sampl | ed and | i flac | | 7 | |
| O AA Center O N | C | S | 0 | E (| W | | Plot | | | Plot | | | Plot 3 | | | | | | |
| Fill in bubbles for all that apply: (| :annn | v Tvne | . D = | Daciduo | ue: E – Everer | Buffer | Nati | ural | Cov | er S | Straf | ta | | | | | | 107 | |
| Strata Section: Fill in appropriate | cove | rclass | bubbl | e for ea | ch strata type f | or each pio | t. 0 = | Absen | oadle: it; 1 = | at; N = Spars | Need se(<10 | ile Leaf)%); 2≃ | . Absent: No tre Moderate(10-40 | e canopy. %); 3 = Hea | avy (40-7 | 5%); 4 : | - Very | Heav: | y (>75 |
| Buffer Canopy Type: | _ | $\overline{}$ | Abser | | Buffer | Canop | | _ | | | Absent: (| | Buffer | | y Type: | | $\overline{}$ | bse | |
| Plot 1 Leaf Type: (| 0 | D | | Flag | Plot 2 | Lea | f Тур | e: (| | 5 | | Flag | Diet 2 | | f Type: | _ | 5 | | Fla |
| Big Trees (>0.3m DBH) | 4 | | 0 | | Big Trees (| 0.3m DBH) | 0 | 0 | | 0 | 0 | | Big Trees | (>0.3m DBH | | D (| | 10 | |
| Small Trees (<0.3m DBH) | | | 0 | | Small Trees (| <0.3m DBH | 0 | 0 | 0 | 0 | 1 | | Small Trees | (<0.3m DBH | | 0 0 | + = | | |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | @ | | 0 | | Woody Shrub (0.5m | s, Saplings -5m HIGH) | 0 | 0 | (| 0 | 0 | | | ubs, Saplings im-5m HIGH) | +=+ | | | + | + |
| Woody Shrubs, Saplings (<0.5m HIGH) | 0 | 0 | 0 | | Woody Shrub | | 0 | 0 | 9 | 0 | Ō | | Woody Shru | ıbs, Saplings | | | += | | _ |
| Herbs, Forbs and Grasses | 0 | 0 | 0 | | | orbs and Grasses | Ō | 0 | 0 | ŏ | Ö | | | <0.5m HIGH) Forbs and | 06 | | += | | _ |
| Bare ground ① ① | (| 10 | 0 | | Bare | ground | 0 | D | 0 | 0 | Ö | | Bai | Grasses e ground | 0 | | | += | + |
| Litter, duff 💿 🕦 | 0 | 10 | | <u> </u> | | ter, duff | 0 | Õ | 0 | 0 | 0 | ┼─ | | itter, duff | 0 | - | += | | _ |
| Rock 🚳 📵 | 0 | 10 | 0 | - | | Rock | <u></u> | Ö | 0 | 0 | 0 | +- | | | + - | - | += | 0 | + |
| Water 🔞 🕡 | lõ | + = | 10 | | | Water | | 0 | $\frac{0}{0}$ | - | $\frac{0}{0}$ | | <u> </u> | Rock | | += | + = | 0 | _ |
| Submerged (A) | 0 | 0 | 0 | | Si | bmerged | 9 | - | | \odot | - | + | | Water | (2) | | += | 0 | |
| regenation - | \perp | | | rm that | | egetation | (1) | 0 | 0 | \odot | 0 | - | ŀ | Vegetation | | | | 0 | 1 |
| Stressor Presence/At | | | | iiii (iia | STATE OF THE PARTY | | | | | | id an | unfille | State of the second second | A Section of | | and the same | 7.500 | | |
| Fill bubble if present - Plot | T | T | T | Flori | | lydrolo | | 101 | ı - | 1 | 1 | | | Agricultural & R | | | Stres | son | S |
| Land the first transfer of the | 1 | 2 | 3 | Flag | FIII bubble | If prese | nt - P | lot | 1 | 2 | 3 | Flag | FIII bubble | If preser | nt - Plot | 1 | 2 | 3 | Fla |
| Road - gravel Road - two lane | 10 | 10 | 0 | | Ditches, Channelization Dike/Dam/Road/RR Bed | | | 0 | 0 | 0 | ļ | Pasture/Ha | у | | 0 | 0 | 0 | | |
| | 6 | 0 | 0 | | (IMPEDE FLOW) | | | | 0 | 0 | 0 | | Range | | | 0 | 0 | 0 | |
| Road - four lane Parking Lot/Pavement | 0 | 0 | 0 | - | Water Level Control Structure | | 0 | 0 | 0 | - 3 | Row Crops | | Castle S | 0 | 0 | 0 | | | |
| Golf Course | 0 | 0 | 0 | | | Excavation, Dredging | | | 0 | 0 | 0 | | Fallow Field (RECENT-RESTING ROWCROPFIELD) Fallow Field (OLD - GRASS, | | | 0 | 0 | 0 | |
| Lawn/Park | 0 | 0 | 0 | | Fill/Spoil Banks Freshly Deposited Sediment | | | 0 | 0 | 0 | | SHRUBS, TRE | (OLD - GRA | ASS, | 0 | 0 | 0 | | |
| Suburban Residential | 0 | 0 | 0 | - | (UNVEGETATED) | | | 0 | 0 | 0 | | Nursery | | | 0 | 0 | 0 | | |
| Urban/Multifamily | 6 | 0 | 0 | | Soil Loss/R | | sure | | 0 | 0 | 0 | | Dalry | | | 0 | 0 | 0 | |
| | 0 | 0 | 0 | | Wall/Riprap | | | | 0 | 0 | 0 | | Orchard | | THE PRO | 0 | 0 | 0 | |
| Landfill | 0 | 0 | 0 | _ | Point Source | | | | 0 | 0 | 0 | | Confined A | | ding | 0 | 0 | 0 | |
| Dumping | 0 | 0 | 0 | | (EFFLUENT OF | STORMW | ATER) | - | 0 | 0 | 0 | | Rural Resid | ential | | 0 | 0 | 0 | |
| Other: | 0 | 0 | 0 | | (SHEETFLOW) | | iiput | _ | 0 | 0 | 0 | | Gravel Pit | | | 0 | 0 | 0 | |
| | 0 | 0 | 0 | | Other: | - | - | - | 0 | 0 | 0 | | Irrigation | | | 0 | 0 | 0 | |
| Other: | 0 | 0 | 0 | | Other: | | | _1 | 0 | 0 | 0 | | Other: | | | 0 | 0 | 0 | |
| industrial Developme | ent S | Stres | sors | | | | | | ŀ | labit | at/V | egeta | tion Stress | ors | | | | | |
| FIII bubble if present - Plot | 1 | 2 | 3 | Flag | FIII bubble I | f presen | t - Pl | ot | 1 | 2 | 3 | Flag | FIII bubbl | o If prese | nt - Plo | 1 | 2 | 3 | Flag |
| Oll Drilling | | 0 | 0 | | Forest Clear | Cut | | | 0 | 0 | 0 | | Herbicide Us | | | 0 | 0 | 0 | |
| Sas Wells OOO | | | Forest Select | live Cut | | | 0 | 0 | 0 | | Mowing/Shr. | 10.100 (0.00) | | 0 | _ | 0 | | | |
| Mine (surface) | Company of the Compan | | | Tree Plantati | | Avai | 1 | 0 | 0 | 0 | Vice and | | in catting | | 1 | 0 | | | |
| Mine (underground) | | 0 | 0 | _ | Tree Canopy | | у | | | | | - | Trails Soll Compac | tion | | 0 | 0 | 0 | |
| Military | 0 | 0 | 0 | | INSECT) Shrub Layer | Browsed | | | 의 | 0 | 0 | | (ANIMAL OR HU | MAN) | | 0 | 0 | 0 | |
| Other: | | | - | (| WILD OR DOME | STIC) | | | 0 | 0 | 0 | | Offroad vehicles | | | 0 | 0 | 0 | |
| | 0 | - | 의 | (| OVERALL <3" H | GH) | | 1 | 익 | 0 | 0 | | OR OVERUSE) | | , WATER | 0 | 0 | 0 | |
| Other: | 0 | 0 | 0 | | Canopy | | | | 0 | 0 | 0 | | Other: | | | 0 | 0 | 0 | |
| Other: O O O | | 01 | 1 | Recently Burn BLACKENED) | ied Gras | siand | 10. | 01 | 0 | 0 | | Other: | | | 0 | | 0 | | |

rose, borbony, glossy buchthern

| • FO | RM | B-1 | 1: E | BUFF | ER SAMPLE PLOTS - | TAF | RGE | TE |) ALI | EN SPECIES (Back) Reviewed by | / (Initia | l): | | • |
|--|------------------|--------|------|-------------|--------------------------------|-------|-------|--------|---------|----------------------------------|-----------|---------|--------|--|
| Site ID: | Site ID: PCAP MS | | | 15 | 3397 DATE: 0,8 1,2,2 1,2,0,1,3 | | | | | | | | | |
| O Confirm | a fille | ed da | ta b | ubble i | ndicates presence and an uni | illed | bubb | ie Ind | ilcates | absence by filling in this bubi | ble | | | |
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Fiag | Fill bubble if present - Piot | 1 | 2 | 3 | Flag |
| Eurasian Watermilfoil | 0 | 0 | 0 | | Purple Loosestrife | 0 | 0 | 0 | | Johnson Grass | 0 | 0 | 0 | |
| Water hyacinth | 0 | 0 | 0 | 000-F-10-08 | Knotweed | 0 | 0 | 0 | | Kudzu | 0 | 0 | 0 | |
| Yellow Floating Heart | 0 | 0 | 0 | | Japanese Knotweed | 0 | 0 | 0 | | Multiflora Rose | 0 | 0 | 0 | |
| Glant Salvinia | 0 | 0 | 0 | | Perennial Pepperweed | 0 | 0 | 0 | | Common Buckthorn | 0 | 0 | 0 | |
| Garlic Mustard | 0 | 0 | 0 | | Giant Reed | 0 | 0 | 0 | | Himalayan Blackberry | 0 | 0 | 0 | |
| Poison Hemlock | 0 | 0 | 0 | | Cheatgrass | 0 | 0 | 0 | | Tamarisk | 0 | 0 | 0 | |
| Mile-A-Minute Weed | 0 | 0 | 0 | - 11 | Reed Canary Grass | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | |
| Birdsfoot Trefoil | 0 | 0 | 0 | | Common Reed | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | |
| Canada Thistle | 0 | 0 | 0 | | Leafy Spurge | 0 | 0 | 0 | | Other: | 0 | 0 | 0 | |
| | | | | | | | | | | Other: | 0 | 0 | 0 | |
| | A la | | 1 | 18369 | PLOT COOR | DINA | TES | No. | ENLIS. | | | This is | ii die | 18 B |
| Location of coordinate O AA CENTER O N Latitude 1 | 3 | O S | 3 | O E3 | | Lor | ngitu | de V | (Clark | g and comment below) 08.1.79.6.8 | 8 | | | |
| Flag Comments | | | | | Q-95 (1) | | | | | | | | | |
| | | | | | | | | | | | | | | To read the second seco |
| | | | | | | | | | | | | | \ | The second secon |
| | | | | | | | | | | | <u> </u> | 71 V | | |
| Buffer Sample Po | oints | - Tarı | gete | d Alien | Species 05/27/2011 | | | | | 796 | 662 | 354 | 8 | • |