| CLEVELAND MET           | ROPARKS Plant Community Assess   |                          |  | Cleveland Metroparks |
|-------------------------|--|--------------------------|--|----------------------|
| Project Label:          | PCAP   | Plot No:                 | : <u>1223</u> Date Sampled: <u>6</u>   | -20 Lead: 5150       |
|                         |  |                          |  | SRE 6-29-2010        |
|                         |  |                          | Comment required   | if item answer is NO |
| Parking/Access outsid   | le of Park Boundaries:   | Y (N)                    | If yes, write details in Comment   | s section below      |
| Field journals complet  | ted  | (T) N                    |  |                      |
| Site sketch made on 1   | :3000 map?   | N (Y)                    |  |                      |
| Check cover page        | X-axis Bearing of plot recorded  | YN                       |  |                      |
|                         | GPS coords. Recorded   | ₩ N                      |  |                      |
|                         | North direction recorded   | Q) N                     | -  |                      |
|                         | Photographs taken?   | (y) N                    |  |                      |
| Plot No., Date agreem   |  | N (S)                    |  |                      |
| Header data completed   | d all pages?   | Ŵ N                      |  |                      |
| Cover classes recorded  | d in all Intensive modules   | N (F                     |  |                      |
| Browse Level By Spec    |  | Y N                      |  |                      |
| Woody stem quality of   |  | Ø N                      |  | - 10 4 4 minutes     |
| Invasive plant quality  | control check  | (Y) N                    |  |                      |
| Ash trees mapped        |  | YN                       |  |                      |
| Cover by Strata? (conf  |  | Y N                      |  |                      |
|                         | with matching plot #.  | (F) N                    | THE SHOW I WAS A STATE OF THE SHOW I WAS A S |                      |
|                         | atasheet with initials and number  | (y) N                    |  |                      |
| Vouchers labeled on c   | ollection bag  | (Y) N                    |  |                      |
| Pink flags removed      |  | N N                      |  |                      |
| Data sheet QA before    |  | (y N                     |  |                      |
| Common equipment re     | eturned to tub.  | Y N                      | 7.0  |                      |
| Data sheets scanned?    | <del></del>  | 6/29/12                  | Enter date to left $\mathcal{J}$ P   |                      |
| Final data sheets scanr |  |                          | Enter date to left   |                      |
| Buffer Widths measure   | ed?  | Y N                      | KEL 6/29/12  |                      |
| Web Soil Survey         | <u> </u>   | Y) N                     | NW5 6/29/19  |                      |
| Voucher Location        | Refrigerator   | Y N                      |  |                      |
| ( # vouchers collected) | Press (#)  |                          | Enter number to left   |                      |
| 5Kt 633                 | Drier  | Y N                      | C0715 5 .0   | 7 1000 C             |
| 5Kt - 533               | Identified   | Y N                      | SRE10-3-12   | 1110-111-1-1/        |
| ) 0                     | Mounted  | Y N                      |  | 192 on 1 m           |
|                         | Thrown away  | N N                      | 100-0  |                      |
| <i>S</i>                |  |                          |  |                      |
|                         | ion: Is plot sampleable?   |                          |  |                      |
| ✓ Yes                   | Original GRTS point is sampleable  |                          |  |                      |
| □ No                    | Original GRTS point lands in a non-sa  |                          | ill in category below)   |                      |
|                         | ☐ Point falls in a water (i.e. river, lai ☐ Managed mowed area (i.e. golf co |                          |  |                      |
|                         | Paved area (i.e. parkinglot, road)   | ourse, picnic area, rigi | it-ot-way)   | ,                    |
|                         | ☐ Unsafe to sample (i.e. steep slope)  |                          |  |                      |
|                         | □ Other  |                          |  |                      |
| Additional Comments     | 5:   |                          |  |                      |
|                         |  |                          |  |                      |
|                         |  |                          |  |                      |
|                         |  |                          |  |                      |
|                         |  |                          |  |                      |
|                         |  |                          |  |                      |
|                         |  |                          |  |                      |

6 Very thorough CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet Minimum required fields in Bold and Underlined Plot Name: Blue 14 Oak TAXONOMIC ACCURACY PLOT NOT SAMPLED: GENERAL INFORMATION TAXONOMIC STANDARD Project Name: (1) (St 2012 Rotes Opliender Ast. Guide Jonner. Intogomist felo nd date (if > 1 day): Yard Woods med 9 co-1753 Cysunbach TOTAL Level 4 (no nested corners sampled modera. how much effort put into sampling. Hurried plots may still provide good Plot leader Asst low ☐ Random ☐ Stratified Random ☐ Transect component Plot placement: VGRTS Camera No.: Plot size for cover data: ( )-GPS File Name: 1223A GPS location in plot x=0 to 5, y=-1,0,+1) Datum: ■ NAD83/WGS84 □ NAD27 ■ Lat/Long □ UTM □ StatePlane Coordinate system: Source of coordinates If data not public why' □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m Check one: Public data Private Data Data Confidentiality: Intensive modules: 2, 3, 8, 9 Local Place Names: Oyartook lans LOCATION Landowner: (A) \*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide Harb: Poal White Grass Long. X-axis Bearing of plot: y = O (base of plot x=0, y=0) C2 1751-1752-Tot pics □ Representative ■ deg □ deg min Coord. Units (hectares) Location: Park at the small purking lot off Layout: 2x5 NOTES: Include Layout (any unusual shape details), Location (directions and landscape Rutionale: GRTS pt Jell (10,1) Slide plat to strug on proporty and avoid open meadow area dokumats, strata, BROWSE). Additional notes in space on back. content), Rationale (why here), and Veg Characterization (description of community, Dlagram 

Plot origin 

GPS location 

→ photo taken, with direction Very Char Red Mexple, Black thery, Thisp portur #10 Overlook lane (See mup). Walk about 300 m southlest to plot Shub: Multiflum Rose mear property boundary and residential mowler Residentia #7 (BGlarvlundMelruperty Page 1 of 2 #5 #6

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Intensive modules: H Plot configuration: PXS Project name: 🗓 🗓 🏖 o j 😝 💮 Plot no.: 🛮 🖳 🌂 Plot area (ha): O./

Project Label:

|             |                            |   |     | -                 | -           | ٧                   | نډ                 | نا            | -   |             | Ý                             | 14<br>2  | ೩                  |            | 1                 | 7                | Ŀ                     | ۶        | (V)<br><br>&2 | 20                      | (A | عو       | 22              | 96              | T S H (F)(A) Br | Strata - Cov. entire plot    |                            | Metroparks              | Cleveland  | 3                 | >              |              | Total modules:      |
|-------------|----------------------------|---|-----|-------------------|-------------|---------------------|--------------------|---------------|-----|-------------|-------------------------------|----------|--------------------|------------|-------------------|------------------|-----------------------|----------|---------------|-------------------------|----|----------|-----------------|-----------------|-----------------|------------------------------|----------------------------|-------------------------|--|-------------------|----------------|--------------|---------------------|
| Carey cosea | Unknow Agrostis stolonifor | と | K.  | Facus Grandifolis | Arctium so. | 8 Ligustrum Vulgare | Sassafrass albidum | for trivialis | Wa. | <b>&gt;</b> | 6 Parthenecissus avinquetaile | ndro     | Veronica officinal | <b>R</b> , | Leersla virginica | Glyparia Stricta | Ulmus Sp. (seedlings) | ₽        | Ď             | Toxi codendron radicans | 8- | 0        | PROSE MUHIFIORS | 10 Acer Civerum | A) Br Species   | plot                         |                            | entire plot             |  |                   |                |              | /0                  |
|             | X 199 6822                 |   |     |                   |             |                     |                    | X 53F 53I     |     |             | 8                             |          |                    |            |                   |                  |                       |          |               |                         |    |          |                 |                 | c Voucher#      | %unveg. litter (bare litter) | %unveg. ground (bare soil) | %unvegetated open water | %open water  | intensive module: |                |              | Intensive modules:  |
|             |                            | Z |     |                   | _           | _                   |                    |               | _   | _           | _                             |          | _                  | e)         | S                 | _                | Q)                    | W        | W             | _                       | W  | 1        | I               | 7               | depth           | -                            |                            | _                       | \ e  |                   | 2 <u>8</u>     | 41           | 7                   |
| -           |                            |   |     | _                 |             | ಒ                   | Q .                | r             | -   |             |                               |          | &)<br>             |            | U                 | ی                | ಒ                     | ٧        | - I           | <u>2</u>                | Σ  | 2)<br>W  | ون.<br>حن       | 7 4             | cov de          | 1                            | ω                          | 9                       | 0 8  |                   | comer n        | <b>-</b> 1 1 |                     |
| -           |                            |   | ناو |                   |             |                     | (J)                |               |     |             |                               | ر<br>د ا |                    |            |                   |                  | _                     |          | W             | ىرو                     |    | <i>ω</i> | 2               |                 | depth cov       |                              |                            | $\dashv$                | naban coa  | •                 | mod comer      | III          | Plot configuration: |
|             |                            |   |     |                   |             |                     | _                  |               |     |             | 1                             | 2        |                    |            | 1                 | 1                | 6                     | W        | T             | 1                       | L  | W        | 1               | エ               | v depth         |                              |                            |                         | - A  | _                 | 3              |              | nfigur              |
|             | e con                      |   |     |                   |             |                     | -                  |               |     |             | -                             | 6        |                    | _          |                   |                  | 2                     | U        | W             | -                       | 2  | 2        |                 | 2               | COV             | 0                            | 2                          | 0                       | 7  | ante rig          | comer          |              | ation:              |
|             |                            |   |     |                   |             |                     |                    |               |     | ಲ           |                               | 4        |                    |            | 2                 | W                | 2                     | -        | 2             | X                       |    | Ø        | 2).             | Ţ               | depth           |                              |                            |                         | depart   | 4                 | ) mod          |              | P.                  |
|             |                            |   |     |                   |             |                     |                    |               |     | -           |                               |          |                    |            | 2                 | نع               |                       |          |               |                         |    |          | S               |                 | COV             |                              |                            |                         | 1  |                   | 9              |              | 225                 |
| -           |                            | - |     | ن                 |             |                     |                    | -             |     |             | හ                             | W        |                    |            | ى                 | $\vdash$         | _                     |          |               |                         |    | 2        | 2               | 工               | depth           | -                            |                            | _                       |  |                   | ()<br><u>M</u> | 4            |                     |
| -           | _ ·                        |   |     |                   |             | ļ                   | ļ                  |               | ļ_  |             | _                             | 6        | <u> </u><br>       | <u> </u>   | Q                 | ىرا              |                       |          | ,_            |                         | ļ  | ر<br>ا   | 7               | -0              | \ <u>`</u>      | 3                            | $\Im$                      | 0                       |  | - H               | comer          | $\parallel$  |                     |
| L           |                            |   |     |                   |             |                     | _                  |               |     | _           |                               | V        |                    | _          | _                 |                  |                       | رر<br>در | W             | P                       |    | -        |                 | ~               | -               | Ш                            | _                          | _                       | e de la companya de l | -                 | S ≥            |              | P                   |
|             | 1 1                        | - |     |                   |             |                     |                    |               |     | ೩           | 1                             | 4        |                    |            |                   |                  |                       |          | V)            |                         | b  |          | 1               | · F             | cov de          |                              |                            |                         |  | 3 D               | 3              |              | Plot area (ha): 🙆   |
|             | W                          |   |     |                   |             |                     |                    |               |     | ×           | e l                           | 12       |                    | -          |                   |                  |                       |          |               |                         |    | 2        | 2               | 19              | depth co        | 1 9                          | 1 5                        |                         |  | _                 | O mod          |              | ea (ha              |
| -           | Ε.                         |   |     |                   |             |                     |                    |               | -   |             |                               | ~ 2      |                    |            | N                 |                  | 2                     | 2        | 14            | -                       | 8  | -        |                 | 14              | cov   depth     | H                            | 5                          | 9                       |  | ¢                 | corner mod     | $\ $         | <u>=</u>            |
|             |                            |   |     |                   |             |                     |                    |               |     |             |                               | 2        |                    |            | 2                 |                  | 2                     |          | 2             | _                       | N  |          |                 |                 | th cov          |                              |                            |                         | 1  | , k               | Comer          |              | _                   |
|             |                            |   |     |                   |             |                     |                    |               |     |             |                               |          |                    |            |                   |                  |                       |          |               |                         | ~~ |          |                 |                 | depth           |                              |                            |                         | uebul  | 7                 | ٦,             |              |                     |
|             |                            |   |     |                   |             |                     |                    |               |     |             |                               |          |                    |            |                   |                  |                       |          |               |                         |    |          |                 |                 | COV             |                              |                            |                         | OFFICE OF  | g z               | Q              |              |                     |

2aCM PCAP Species Cover Data sheet Page 1 of x\_ver 3.xls last revised 5/29/2012 ceh

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Natural Resource Management FORM NR/2010-02a

| CL <b>EV</b><br>Proje | EVELAND METRO Project Label: | CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a<br>Project Label: PCAP Project name: つしゃつしょ | ent Program Speci<br>Project name:  | rogram Species Cover Data Shee<br>Project name: ◯   B≳ ϽϦ   J | # 2a<br>Plot no.: 1月日3    | W                     | Page 🕢 of           |
|-----------------------|------------------------------|---|-------------------------------------|---|---------------------------|-----------------------|---------------------|
| Total                 | Total modules:               | 10  | Intensive modules:                  | Plot configuration:   | guration: 825             | Plot a                | Plot area (ha): O·  |
|                       | <b>(9)</b>                   |   | Estimate for each intensive module: | mod comer mod comer   | mod corner mod corner m   | mod corner mod corner | mod comer mod comer |
| Men                   | Cleveland<br>Matroparks      | describe amount of browse per species over entire plot  | %open water %unvegetated open water |   |                           |                       |                     |
| Ofrata                | Strata - Cov entire nict     |   | %unveg. ground (bare soil)          |   |                           |                       | 4 -                 |
| - T S                 | H (F)(A) <b>Br</b>           | Species   | c Voucher#                          | depth cov depth cov   | depth cov depth cov depth | cov depth cov         | depth cov depth cov |
| )                     | Q<br>Q                       | V, burnum dentation   |                                     |   |                           | <b>ಬ</b>              |                     |
| CI                    | ) = 1<br>(                   | Iratasejus Sp.  |                                     |   |                           |                       | 14.00               |
|                       | l<br>I                       | ľ   |                                     |   |                           |                       |                     |
|                       |                              |   |                                     |   |                           |                       |                     |
|                       | 92                           | Whitera Morce Ki  |                                     |   |                           |                       |                     |
|                       |                              | Prunus augsvs   |                                     |   |                           |                       |                     |
|                       | 2                            | Oxalis Stricte  |                                     |   |                           |                       | 2                   |
| 6                     |                              | Quercus veluntina   |                                     |   |                           |                       | 9 6                 |
| Slat                  |                              | Jolanaus pocues   |                                     |   |                           |                       | 2                   |
|                       |                              | THOUGHT (SON AN GX DIV  | State Original Design               |   |                           |                       | 1                   |
|                       |                              | an guin osi   | X 52633                             |   |                           |                       |                     |
|                       | 2 10 1                       | VITIS aestivalis  | CI-5-18 37S                         |   |                           |                       |                     |
|                       | · \( \cdot \)                | Lonicera Japonica   |                                     | -   |                           |                       |                     |
|                       | ν <del>-</del><br>γ          | WS (  | ω <                                 |   |                           |                       |                     |
|                       |                              | Pocked hum as Hatum   |                                     |   |                           |                       |                     |
|                       | -                            | Vulgare   |                                     |   |                           |                       |                     |
|                       |                              | Circago Whetiana  |                                     |   |                           |                       |                     |
| 4                     |                              | Nyssa Lutations Slyvat  | 700                                 |   |                           |                       |                     |
| ω                     |                              | he acumiant   | ₩.                                  |   |                           |                       |                     |
|                       |                              | Arisagma triphyllum you   | v triphyllum                        |   |                           |                       |                     |
| 2                     |                              | Acer saccharum  | -                                   |   |                           |                       |                     |
| ~                     | ,                            | Transpos penasulvanica  |                                     |   |                           |                       |                     |

France pensylvanica

| 7   | 4           | 4                      | <            | -    | <           | _  |                 |                         | <               | <           |                 | 4                 | <             | _           | <                | <u>_</u>        | (                      | 4             | _                | _            | <_          | _                 | <               | 13   |   |                         |   |
|---|-------------|------------------------|--------------|------|-------------|--|-----------------|-------------------------|-----------------|-------------|-----------------|-------------------|---------------|-------------|------------------|-----------------|------------------------|---------------|------------------|--------------|-------------|-------------------|-----------------|--|---|-------------------------|---|
|   | បា          | ~                      | ے            | 4    | 4           |  | W               | M                       | M               | M           | 2               | 2                 | 2             | 2           | 1                | -               | -                      | -             | -                | -            | _           | 10                | _               | mod #  |   |                         | LEV   |
| THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN | Acer rubrum | Rubus spealleghiamings | Rosa 141Hora |      | Acer rubrum | Standing dead  | Rosa multiflora | Liriodendron tulipitera | Prynus serotina | Acer rubrum | Rosa multiflora | Sassafras albidum | Standing dead | Acor Rubrum | Rhamnus frangula | Rosa multiflora | Fraxinus pennsylvanica | Standing Dead | Quercus velutina | Fraxinus sp. | Acer rubrum | Sassofras albidum | Prunus serotina | species  | Explain subsample (additional room on back) | Project Label:          | CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet |
|   |             | 8-3-1                  |              | *    | -           |  |                 |                         | _               |             | _               |                   |               |             |                  |                 |                        |               |                  | CD PO        | -           |                   | -               | 0  | ) back)                                     | ٦,                      | t Cor   |
|   |             | *                      |              |      |             |  |                 |                         |                 |             |                 |                   |               |             |                  |                 |                        |               |                  |              |             |                   |                 | voucher#   |   | PCAP                    | nmunity   |
|   |             | •                      |              | •    |             |  |                 |                         |                 |             | • •             |                   |               |             | •                | 7               |                        |               |                  |              |             |                   | :               | # stems<br>0-1.4m<br>browsed                                 |   | 1                       | Assessi   |
| Name and Address of the Owner, where  |             |                        |              |      |             |  |                 |                         |                 |             |                 |                   |               |             |                  |                 |                        |               |                  |              |             |                   |                 | % sub<br>or super<br>sample                                  |   | Projec                  | nent Pro  |
|   |             |                        | •            |      |             |  | 40              |                         |                 |             | • •             |                   |               |             |                  |                 |                        |               |                  |              |             |                   |                 | #<br>shrub<br>clumps   |   | t Name:                 | gram I  |
|   |             |                        |              |      |             |  |                 |                         |                 |             |                 |                   |               |             |                  |                 |                        |               |                  |              |             |                   |                 | size class   |   | Project Name: 018e 2012 | Vatural   |
| - L   | •           |                        |              |      |             | i de la composition della comp |                 |                         |                 |             |                 |                   | •             |             |                  |                 |                        |               |                  |              |             |                   |                 | size class (cm) woody stems >1.4m 2 3 0-<1 1-<2.5 2.5-<5 5-< |   | 2012                    | Woody S   |
|   |             |                        |              |      |             |  |                 |                         |                 |             |                 |                   |               |             |                  |                 | •                      |               |                  |              |             |                   |                 | dy stems > 3 2.5-<5  |   |                         | tem Da  |
|   | • •         |                        |              |      |             |  |                 |                         |                 | •           |                 | 34 W              |               |             |                  |                 |                        |               |                  |              |             |                   | •               | 1.4m<br>4<br>5-<10   |   | Plot No.:               | ta Sheet  |
|   | •           |                        |              |      | •           |  |                 |                         | •               |             |                 |                   | •             |             |                  |                 |                        | •             |                  |              | ::          | •                 |                 | 5<br>10 - <15  |   | 1223                    |   |
|   | •           |                        |              |      |             |  |                 |                         |                 |             |                 |                   | •             |             |                  |                 |                        |               |                  |              | •           |                   | ,               | 6<br>15 - <20  |   |                         |   |
| No.   |             |                        |              |      |             |  |                 |                         |                 |             |                 |                   |               | •           |                  |                 |                        |               |                  |              |             |                   |                 | 7<br>20 - <25  |   | Page:                   |   |
|   | :           |                        |              |      |             |  |                 |                         |                 |             |                 |                   |               |             |                  |                 |                        | •             |                  |              |             |                   | -5              | 8<br>25 - <30  |   | -                       |   |
|   |             |                        |              |      |             |  |                 |                         |                 |             |                 |                   |               |             |                  |                 |                        |               | L.               |              |             |                   |                 | 9<br>30 - <35  |   | of.                     |   |
|   |             |                        |              |      |             |  |                 |                         |                 |             |                 |                   |               |             |                  |                 |                        |               |                  |              |             |                   |                 | 10<br>35 - <40   |   | West                    | 3)  |
| 434   |             |                        | :            | 41.0 |             |  |                 | 1.18                    |                 | 49.9        |                 |                   |               |             | :                |                 | :                      |               | 42.3             | 47.6         |             |                   |                 | 11<br>>40 (record each tree)                                 |   | S Clerciana Medicinas   |   |

| _  | CLE      | CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet  Project Label: PCAP Project Name: 015e2012 Plot No.: | nt C   | <i>PCAP</i> | Assessm           | Project            | gram I          | nt Program Natural Woods Project Name: 015e2012 | Woody S<br>2012                   | tem Dat     | ta Sheet Plot No.: 1223 | 1223          |               | Page:         | 2             | <u>م</u>      | & Clevela      | © Cleveland Metropants  |
|--|----------|---|--------|-------------|-------------------|--------------------|-----------------|---|-----------------------------------|-------------|-------------------------|---------------|---------------|---------------|---------------|---------------|----------------|-------------------------|
|  |          | Explain subsample (additional room on back):  | on ba  | ck):        |                   |                    |                 |   |                                   |             |                         |               |               |               | 1             | ١.            |                |                         |
|  |          |   | $\Box$ |             | _                 | % sub              | #               | size class                                      | size class (cm) woody stems >1.4m | y stems >1  | 1.4m                    |               |               |               |               |               |                |                         |
|  | mod #    | species   | c      | voucher#    | 0-1.4m<br>browsed | or super<br>sample | shrub<br>clumps | 0-<1  | 2<br>1-<2.5                       | 3<br>2.5-<5 | 5-<10                   | 5<br>10 - <15 | 6<br>15 - <20 | 7<br>20 - <25 | 8<br>25 - <30 | 9<br>30 - <35 | 10<br>35 - <40 | 11<br>>40 (record each) |
|  | ហ        | Rosa multiflora   |        |             | 庭                 |                    | ×               |   |                                   |             |                         |               |               |               |               |               |                |                         |
|  | S        | Ligustrum vulgare   |        |             |                   |                    |                 |   |                                   |             |                         |               |               |               |               |               |                |                         |
|  | ע        | Lonicera maackii  |        |             | •                 |                    |                 |   | ·                                 |             |                         |               |               |               |               |               |                |                         |
| 4  | v        | Rubus Sp. alleghenionsis  | •      |             | •                 |                    |                 |   |                                   |             |                         |               |               |               |               |               |                |                         |
| _  | 6        | Myssu sylvatru  |        |             |                   |                    |                 |   | -                                 |             |                         |               |               |               |               |               |                |                         |
| _  | 0        |   |        |             |                   |                    |                 |   |                                   |             | •                       |               |               |               |               |               | Dale<br>Care   |                         |
| 4  | 6        | Standing dead   |        |             |                   |                    |                 |   |                                   |             | •                       | •             |               |               |               |               |                |                         |
| 4  | 6        | Magnolia accuminate   |        |             |                   |                    |                 |   |                                   |             |                         |               |               |               |               |               |                |                         |
| 4  | 6        |   | á      |             |                   |                    |                 |   |                                   |             |                         |               |               |               |               |               |                | 50.9                    |
|  | 9        | PROPERTY  |        |             |                   |                    |                 |   |                                   |             |                         |               |               |               |               |               |                |                         |
|  | 1        | Ligustrum vulgare   |        |             | •                 |                    |                 |   |                                   |             |                         |               |               |               |               |               |                | :                       |
|  | 7        | Rosa multiflora   |        |             | ב                 |                    | ::              |   |                                   |             |                         |               |               |               |               |               |                |                         |
| <  | -4       | Acer rubrum   |        |             |                   |                    |                 |   |                                   | •           | •                       |               | •             | •             | •             | •             |                |                         |
|  | 7        | Standing Dead   |        |             |                   |                    |                 |   |                                   |             |                         | •             |               |               |               |               |                |                         |
| (  | 7        | Livindendron tulipitera   |        |             |                   |                    |                 |   |                                   |             |                         |               |               |               |               |               |                | 46.2                    |
| 4  | 7        | Rubus allegheniensis  |        |             | •                 |                    |                 |   |                                   |             |                         |               |               |               |               |               |                | ;                       |
|  | $\infty$ | Ciriodendron Julipitore   |        |             |                   |                    |                 |   |                                   |             |                         |               |               |               |               |               | •              |                         |
| <u></u>  | 00       | her rubrum  |        |             |                   |                    |                 |   |                                   |             |                         |               |               |               |               |               |                | 79.1                    |
|  | $\infty$ | Standing Lead   |        |             |                   |                    |                 |   |                                   |             | •                       |               |               |               |               |               |                |                         |
| 4  | B        | Rosa multiflore   |        |             | •                 |                    |                 |   |                                   |             |                         |               |               |               |               |               |                |                         |
| Constant of the Constant of th | $\infty$ | Fraxions sp.  |        |             | •                 |                    |                 |   |                                   |             |                         |               |               |               |               |               |                |                         |
|  | 9        | Standing Dead   |        |             |                   |                    |                 |   |                                   | •           |                         |               |               |               |               |               |                |                         |
| <  | -0       | Fraxinus sp.  |        |             |                   |                    |                 |   |                                   |             |                         |               | L.            |               |               |               |                | :                       |
|  | 9        | Acer rubrium  |        |             | •                 |                    |                 |   |                                   | •           | •                       | •             | •             |               |               | •             |                |                         |

|    | 5     | CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet | + Community | Accoccm                      | משל לייני         | A mean               | Internal                | Mandus                            | fom Dat     | 's Choor    |          |          |               |               |          | ,              |                              |
|----|-------|---|-------------|------------------------------|-------------------|----------------------|-------------------------|-----------------------------------|-------------|-------------|----------|----------|---------------|---------------|----------|----------------|------------------------------|
|    | 9     | Project Label:  | PCAP        |                              | Project           | Name:                | Project Name: 018e 2012 | 2012                              |             | Plot No.: 1 | 1223     |          | Page:         | w             | of _     | S Clewelo      | Cleveland Metroparks         |
|    |       | Explain subsample (additional room on back):  | n back):    |                              | 1                 | 1                    |                         |                                   | H           |             |          |          |               |               |          |                |                              |
|    | mod # |   | c voucher#  | # stems<br>0-1.4m<br>browsed | % sub<br>or super | #<br>shrub<br>clumps | size class              | size class (cm) woody stems >1.4m | ly stems >: | 1.4m        | 10 - <15 | 15 - <20 | 7<br>20 - <25 | 8<br>25 - <30 | 30 - <35 | 10<br>35 - <40 | 11<br>>40 (record each tree) |
| _  | 9     | Crataea   |             |                              |                   |                      |                         |                                   |             | •           |          |          |               |               |          |                |                              |
| L- | 9     | Rosa multiflora   |             | •                            |                   | •                    |                         |                                   |             |             |          |          |               |               |          |                |                              |
| <  | 10    | Standing Load   |             |                              |                   |                      |                         |                                   | ٠           | •           | •        |          |               |               |          |                |                              |
| _  | 0     | Acer pubrum   |             |                              |                   |                      |                         |                                   |             | 180         |          |          |               |               |          |                |                              |
| 4  | 0     | Crafucgus Sp.   |             | . ,                          |                   |                      |                         | •                                 |             |             | ,        |          |               |               |          |                | :                            |
| _  | 10    | Acer sauch  |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
| <  | 0     | Prunus scroting   |             | •                            |                   |                      |                         |                                   |             |             |          |          | •             |               |          |                | :                            |
| <  | 10    | Rosa multiflora   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          | 100      |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
| d  |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               | 186      |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   | -           |             |          |          |               |               |          |                | :                            |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             | (CHA)       |          |          |               |               |          |                |                              |
|    |       |   |             |                              |                   |                      |                         |                                   |             |             |          |          |               |               |          |                |                              |

Page: 1 of 1

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

Soll plt module # 3 (one per entire plot)

20 cm 6 cm matrix color 10 YR 2,5Y H oxid roots ıydı cond \*\*\* exture\* oxid roots edox features\*\* exture\* edox features\*\* natrix color amottle mottle ottle color ttle color ZA .5Y 4/2 2 O W S 0 ~ 0 <u>x</u> 2  $\left(\mathbb{Z}^{2}\right)$ 0

refer to texture classes on reverse side

hydro cond \*\*\*

S

\*\* e.g. hydrogen sulfide odor, gleying, etc.

Notes: include evidence of earthworms (worms astings, middens) indundated S=saturated M=moist D=dry

No ovidence otearhor 3

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

Depth to rest Layer: 780" Soil Series/Type: COD - CMI gravel Parent Material Outwash Soil Series Source: Ohio Soil Survey Soil Collection Moduld Horizon (A, B, C) 2,3,8,9 composited andform type: END MITCHES , OLITHOUSH FOR TROOS In woon

□ Impermeable surface Somewhat poorly dr. Well drained □ Excessively dr. Somewhat excessively Moderately well dr. Very poorly dr. K1/h8/9 ZWN

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

W  $\omega$ N organic depth 1 litter+ 5 <del>.</del> (CIII) C 6 depth (cm 5 0 2 litter 6 0 water depth 0 C 0 (cm) 0 730 130 soil (cm) depth sat

|                        |                       |                     |                         | 111220-1          |                     |                |                       |                        |               |                           |                              |
|------------------------|-----------------------|---------------------|-------------------------|-------------------|---------------------|----------------|-----------------------|------------------------|---------------|---------------------------|------------------------------|
| **** <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                  | <u>s</u>            | : 1/16-10"              | 3                 | Ó                   | Ø              | 000                   | Q:                     | percent       | Surface*                  | CE & GROU                    |
| Other                  | Road/Trail            | Bare Soil           | Water                   | Bryophyte- Lichen | Duff (Ferm.+ Humus) | Litter         | Fine Woody Debris**** | Coarse Woody Debris*** | (Each ≤ 100%) | Ground Cover              | VD COVER                     |
| Ø                      | Q                     | 5                   | Ø                       | 44                | Ø                   | ND             | 50°                   | 33                     | percent       |                           |                              |

| COVER BY STRATA estimate using midpoi | COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13                   | %,ex:3, 8, 13  |
|---------------------------------------|---|--|
| Strata                                | Height Range (m)  | Total Cover (%)  |
| Tree                                  | >-5   | 93   |
| <br>Shrub                             | 9.5- 5  | <i>i</i> 60  |
| Herb                                  | < -5  | 813  |
| <br>(Floating)*                       | 8   | \  |
| (Aquatic)*                            |   | \  |
| rooted and fic                        | <ul> <li>rooted and floating or slightly emersed</li> </ul>                 | sed  |
| ** submersed,                         | ** submersed, most plant mass below surface                                 | w surface  |
| SEE BACK OF                           | SEE BACK OF PAGE FOR "TYPICAL"STRATA<br>DESCRIPTIONS. STRATA CAN VARY BY CO | SEE BACK OF PAGE FOR "TYPICAL"STRATA<br>DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE. |

| TRAIL INFORMATION:             |        |
|--------------------------------|--------|
| record type and cover for each | ach    |
| Туре                           | %Cover |
| n All Purpose                  |        |
| o Bridle                       |        |
| Hiking sanctioned              |        |
| Bootleg unsanctioned           |        |
| o Gravel                       |        |
| □ Deer                         |        |

No trail

| plot size | 1-3 x plot size | 3-10 x plot size                          | 10-100 x plot size | 100 x plot size | >600 x plot size | AND SIZE |
|-----------|-----------------|---|--------------------|-----------------|------------------|----------|
|           |                 | \$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ | P A                |                 |                  |          |

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface Project Label: PCAP Project Name: O BC 2012

Plot No.: 223

STANDING BIOMASS (required for emergent wetlands): collected in 0 Im clip plots (32x32 cm) from comers 1 and 3 in each intensive module. Required for VIBI-E score calculation. C?=check when

|  | 7 70 |      | Module #      |
|--|------|------|---------------|
|  |      |      | C7            |
|  |      |      | Corner        |
|  |      | III. | Corner Corner |

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

+135 degrees

SE

+90 degrees +45 degrees

norizon. TSI is angles formed by local stopes. For TSI measure

At aspect

z

LFI is angle of plot to the

ΝE

+225 degrees

SW

recorders eye to eye of person

angle from

€

away: standing ~10 m +180 degrees

+315 degrees +270 degrees

N.N.

## MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Stope 1 = slight elevational grade across module (hilf) Ranks 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°

- feature is absent or functionally absent from the wetland
- feature is present in the wetland in very small amounts or if more common, of low quality
- feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality
- 10 feature is present in moderate or greater amounts and of highest quality

|   |  | ۵  | œ        | W  | 2  | mod#    |            |         |                   |             |            |  |
|---|--|----|----------|----|----|---------|------------|---------|-------------------|-------------|------------|--|
| đ |  | 1  | ١        | 1  | 1  | corner  |            |         |                   |             |            |  |
|   |  | 0  | 0        | Ø  | 0  | (count) | lxlm       | depth 3 |                   | tussocks    | no of      |  |
|   |  | 0  |          | 0  | 0  | (count) | 3.16x3.16m | depth 2 | uplands (Tip-Ups) | hummocks    | no. of     |  |
|   |  | _  | 0        |    | 0  | (count) | 10x10m     | depth I | ļ                 | depressions | no. macro. |  |
|   |  | 12 | ot<br>ot | 45 | 26 | (count) | 10x10m     | depth I |                   | (2-12 cm)   | c.w.d      |  |
|   |  | 4  | -        | 0  | _  | (count) | 10x10m     | depth 1 |                   | (12-40cm)   | cwd        |  |
|   |  | 0  | 0        | 0  | 0  | (count) | 10x10m     | depth 1 |                   | >40 cm      | c.w.d      |  |
|   |  | _  |          |    | _  | (rank)  | 10x10m     | depth 1 |                   | interspers. | microhab.  |  |
|   |  | 0  |          |    | 0  | (rank)  | 10x10m     | SLOPE   |                   |             | microhab.  |  |

CROWN COVER (DENSIONIETER) Make 4 readings per module facing N, S. E, W. Place dot count in

Terrain Shape Index (site microtopographic shape) andform Index (position within landscape)

|    | 9 | 00 | 3   | 1-3 | Module | corresonding space       |
|----|---|----|-----|-----|--------|--------------------------|
| (o | Ч | 80 | 6   | 5   | z      | H                        |
| 5  | 5 | w  | 5   | Ŋ   | S      | (4 dots per grid square) |
| 5  | - | 4  | 니   | 5   | E      |                          |
| ጣ  | 4 | 4  | (J) | S   | W      |                          |
|    |   |    |     |     |        |                          |

| C/G- | () s |  | 2 | 9 | ae | 33  | 1.3 |
|------|------|--|---|---|----|-----|-----|
| € D  | 7 =  |  |   |   | 1  | ŀ   |     |
|      | 20   | ــــــــــــــــــــــــــــــــــــــ | 6 | S | w  | 5   | 9   |
| w 6  |      | T                                      | 6 |   | 4  | 니   | Z   |
| シー   | w w  | 5                                      | Ŋ | 4 | T  | (J) | জ   |

5aCM PCAP Plant Cover\_Earth Surface Data sheet Page 1\_ver 3.xls last revised 5/29/2012 ceh

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

LFI\*

V

リノト

07

W

6

25

\* If Ash Condition scores 5 (dead) provide breakup score (A-E)
Count EAB exit holes 1.25m2 x ≥1.5m
Woodpecker and epicormic marked present (1) or absent (0)

| Module 9 | Tree ID. 1 Tr | Tree   Species   G   C   Voucher # | Dead c | Voucher# | Sheet  Project Name: 01 8c 2012    DBH   Ht @ Ash   'DBH   Condition   Conditi | 1 BH 0 | Ash Ash |     | Million | Siden + | 1 sead |
|----------|---------------|------------------------------------|--------|----------|--|--------|---------|-----|---------|---------|--------|
| 9 9 11   |               |                                    |        |          |  |        |         |     |         |         |        |
| 12       |               |                                    |        |          |  |        |         |     |         |         |        |
|          | 14            |                                    |        |          |  |        |         |     |         |         |        |
|          | 16            |                                    |        |          |  |        |         |     |         | 22-123  |        |
|          | 17            |                                    |        |          |  |        |         |     |         |         |        |
|          | 18            |                                    |        |          |  |        |         |     |         |         |        |
|          | 19            |                                    |        |          |  |        |         |     |         |         |        |
|          | 20            |                                    |        |          |  |        |         | 600 |         | 118     |        |
|          | 21            |                                    |        |          |  |        |         |     |         |         |        |
|          | 22            |                                    |        |          |  |        |         |     |         |         |        |
|          | 23            |                                    |        |          |  |        |         |     |         |         |        |
| 1        | 24            |                                    |        |          |  |        |         |     |         |         |        |

|                                |                            |                   | falg                | (2)             | 24       | KŒ.          | FO                    | RM B-1:                            | BUFF                      | ER                 | SAI                   | <b>VIPL</b>         | ΕP               | LOT              | S (F                 | ront)                            | F                            | leviewed  | by (initia | ):     |               |       |
|--------------------------------|----------------------------|-------------------|---------------------|-----------------|----------|--------------|-----------------------|------------------------------------|---------------------------|--------------------|-----------------------|---------------------|------------------|------------------|----------------------|----------------------------------|------------------------------|-----------|------------|--------|---------------|-------|
| Site                           | ID: D                      | 11                | S IS                |                 | 12.      | ר כ          |                       |                                    |                           |                    |                       |                     |                  |                  |                      | 0.6                              | 1, 7                         | 1 2       | -          |        | `             |       |
| Locati                         |                            | CAF               | - 13                | -               | 100      | 23           |                       | A ST                               | Fill                      | in b               | ubb                   | le(s                | ) if p           |                  |                      | ıld not be                       |                              |           |            |        | <u>د</u><br>ا |       |
| OAA                            |                            | 0                 | N                   | 0               | s        | 01           | E @                   | w                                  | OP                        |                    |                       | 12/0                | Plot             |                  | 10000                | Plot 3                           |                              |           | -          |        |               |       |
| - Annaha da in                 |                            |                   |                     | //              |          |              |                       |                                    | Buffer                    | Nati               | ıral                  |                     |                  |                  |                      |                                  |                              |           |            |        |               |       |
| Fill in bubble<br>Strata Secti | es for all thon: Fill in a | nat app<br>approp | oly: Ca<br>oriate d | nopy<br>cover o | Type:    | D = I        | Deciduou<br>e for eac | s; E = Evergre<br>h strata type fo | en. Leaf T<br>or each plo | ype: E<br>t. 0 = . | 3 = Bro<br>Absen      | padlea<br>it; 1 = : | f; N =<br>Sparse | Needle<br>e(<10% | e Leaf. A<br>6); 2=M | Absent: No tree<br>oderate(10-40 | e canopy.<br>%); 3 = Heav    | ry (40-75 | %); 4 =    | Very H | eavy (        | >75%) |
| Buffer                         | Canop                      | у Тур             | e: 儢                |                 | ) A      | bsen         | t: ()                 | Buffer                             | Canopy                    | у Тур              | e: 🌗                  | ) (                 | ) AI             | osent            | : O                  | Buffer                           | Canopy                       | Type: (   | <b>)</b> ( | ) At   | sent          | : O   |
| Plot 1                         | Lea                        | f Typ             | e: 🥝                | (               |          | ·            | Flag                  | Plot 2                             | Lea                       | f Typ              | e: 🌗                  | 9 (                 |                  |                  | Flag                 | Plot 3                           | Leaf                         | Type: (   | <u> </u>   |        |               | Flag  |
| Big Trees (>                   | -0.3m DBH)                 | 0                 | 0                   | 3               |          | 0            |                       | Big Trees (                        | -0.3m DBH)                | 0                  | 0                     | 0                   |                  | <b>⊙</b> ,       |                      | Big Trees                        | (>0.3m DBH)                  | 0 0       | ) 🗿        | 0      |               |       |
| mall Trees (<                  | 0.3m DBH)                  | 0                 | 0                   | ②               | 0        |              |                       | Small Trees (                      | <0.3m DBH)                | 0                  | 0                     | 0                   |                  | 0                |                      | Small Trees                      | ` '                          | $\odot$   |            |        | 0             |       |
| Voody Shrubs<br>0.5m)          | s, Saplings<br>-5m HIGH)   | 0                 | 0                   |                 | 0        | 0            |                       | Woody Shrub<br>(0.5n               | s, Saplings<br>-5m HIGH)  | 0                  | 0                     | 0                   |                  | 0                |                      |                                  | ubs, Saptings<br>im-5m HIGH) | 0 (       | 0          | 0      | 0             |       |
| Noody Shrubs<br>(<0            | s, Saplings<br>.5m HIGH)   | 0                 | 9                   | 2               | 0        | 0            |                       | Woody Shrub<br>(<(                 | s, Saplings<br>).5m HIGH) | 0                  |                       | 0                   | 0                | 0                |                      |                                  | bs, Saplings<br><0.5m HIGH)  | 0 (       | 0 0        | 0      | 0             |       |
| Herbs, F                       | orbs and<br>Grasses        | 0                 | <b>②</b>            | 2               | 0        | 0            |                       | Herbs,                             | orbs and<br>Grasses       | 0                  | 0                     | 0                   | <b>(</b>         | 0                |                      | Herbs,                           | Forbs and Grasses            | 00        | 0          | •      | 0             |       |
| Bare                           | ground                     | 0                 | <b>6</b>            | <b>②</b>        | 0        | 0            |                       | Bare                               | ground                    | 0                  |                       | 0                   | 0                | 0                |                      | Bar                              | e ground                     | 0 (       | 0          | 0      | 0             |       |
| Lit                            | ter, duff                  | 0                 | 0                   | 2               | 0        |              |                       | Li                                 | tter, duff                | 0                  | 0                     | <b>(</b>            | 0                | 0                |                      | L                                | itter, duff                  | 00        | ) 🕖        | 0      | 0             |       |
|                                | Rock                       | 0                 | <b>(9)</b>          | <b>②</b>        | ①        | 0            |                       |                                    | Rock                      | 0                  |                       | <b>②</b>            | 0                | 0                |                      |                                  | Rock                         | <b>(</b>  | 0          | 0      | 0             |       |
|                                | Water                      | <b>9</b>          | 0                   | 2               | <u>0</u> | Ō            |                       |                                    | Water                     |                    | 0                     | <u>0</u>            | <u>0</u>         | Ō                | -                    |                                  | Water                        | 0         |            | 0      | Ō             |       |
|                                | bmerged                    |                   | 0                   | 2               | 3        | 0            |                       |                                    | ubmerged                  |                    | 0                     | <u>0</u>            | <u></u>          | $\tilde{\odot}$  |                      |                                  | Submerged                    |           |            | 0      | 0             |       |
|                                | egetation<br>or Pres       | ence              | $\sim$              |                 | _        | 1            | rm that               |                                    | egetation<br>bubble in    | ndica              | $\stackrel{\smile}{}$ | $\overline{}$       | $\underline{}$   |                  | unfilled             | bubble indic                     | Vegetation<br>cates abse     |           |            |        |               |       |
|                                | dential                    |                   |                     | -               |          |              |                       |                                    | Hydrolo                   |                    |                       |                     |                  |                  |                      |                                  | Agricultu                    |           |            | , ,    |               |       |
| Fill bubble                    |                            |                   |                     | 1               | 2        | 3            | Flag                  | Fill bubble                        |                           |                    |                       | 1                   | 2                | 3                | Flag                 |                                  | •                            |           | 1          | 2      | 3             | Flag  |
| Road - gra                     |                            | 3111 - 1          | 101                 |                 |          |              | ray                   |                                    |                           | 1000               | 101                   |                     |                  | 0                | 1 lag                | Pasture/Ha                       |                              |           | 0          |        |               | 9     |
| Road - tw                      |                            |                   |                     | 0               | 0        | 0            |                       | Ditches, C<br>Dike/Dam/            | Road/RR                   |                    |                       | 0                   | 0                | 0                |                      | Range                            | iy                           |           | 0          | 0      | 0             |       |
| Road - fou                     |                            |                   |                     | 0               | 0        | 0            |                       | (IMPEDE FLC                        |                           | l Stru             | cture                 | 100                 | 0                | 0                |                      | Row Crops                        |                              |           | 0          | 0      | 0             |       |
| Parking Lo                     |                            | ent               |                     | 0               | 0        | 0            |                       | Excavation                         |                           |                    |                       | 0                   | 0                | 0                | - 9                  | Fallow Fiel                      | d (RECENT-F                  | ESTING    | 0          | 0      | 0             |       |
|                                | olf Course O O O           |                   |                     |                 |          | Fill/Spoil B | The second second     | .5                                 |                           | 0                  | 0                     | 0                   |                  | Fallow Fiel      | d (OLD - GRA         | SS,                              | 0                            | 0         | 0          |        |               |       |
| Lawn/Park                      |                            | 1.184             |                     | 0               | 0        | 0            | 13                    | Freshly De                         | posited S                 | Sedim              | ent                   | 0                   | 0                | 0                |                      | Nursery                          | ES)                          |           | 0          | 0      | 0             |       |
| Suburban                       |                            | tial              |                     | 0               | 0        | 0            |                       | Soil Loss/                         |                           | osure              |                       | 0                   | 0                | 0                |                      | Dairy                            | - 3                          |           | 0          | 0      | 0             |       |
| Urban/Mul                      | tifamily                   | i i               |                     | 0               | 0        | 0            |                       | Wall/Ripra                         | P                         |                    |                       | 0                   |                  | 0                |                      | Orchard                          |                              |           | 0          | 0      | 0             |       |
| Landfill                       |                            |                   |                     | 0               | 0        | 0            |                       | Inlets, Out                        |                           |                    |                       | 0                   | 0                | 0                |                      | Confined A                       | nimal Fee                    | ding      | 0          | O      | 0             |       |
| Dumping                        | L CH                       | N.                |                     | •               | 0        | 0            | 1                     | Point Sour                         |                           | VATER              | n                     | 0                   | 0                | 0                |                      | Rural Resid                      | dential                      |           | 0          | 0      | 0             | 7     |
| Trash                          |                            |                   |                     | 0               | •        | 0            |                       | Impervious<br>(SHEETFLOV           | surface                   | input              |                       | 0                   | 0                | 0                |                      | Gravel Pit                       | No. EVE                      |           | 0          | 0      | 0             |       |
| Other:                         |                            |                   |                     | 0               | 0        | 0            |                       | Other:                             |                           |                    |                       | 0                   | 0                | 0                | F. 2.                | Irrigation                       | AND SHA                      |           | 0          | 0      | 0             |       |
| Other:                         |                            |                   |                     | 0               | 0        | 0            |                       | Other:                             |                           |                    |                       | 0                   | 0                | 0                |                      | Other:                           |                              | Tim       | 0          | 0      | 0             |       |
| Indu                           | strial D                   | evelo             | opm                 | ent S           | Stres    | ssor         | 8                     |                                    | Same and                  |                    |                       |                     | Habi             | tat/V            | egeta                | tion Stress                      | sors                         |           |            |        |               |       |
| ill bubble                     | if prese                   | ent - F           | Plot                | 1               | 2        | 3            | Flag                  | Fill bubble                        | if prese                  | nt - F             | Plot                  | 1                   | 2                | 3                | Flag                 | Fill bubb                        | le if prese                  | nt - Pic  | t 1        | 2      | 3             | Flag  |
| Oil Drilling                   |                            |                   |                     | 0               | 0        | 0            |                       | Forest Clea                        | r Cut                     |                    |                       | 0                   | 0                | 0                |                      | Herbicide U                      | lse                          |           | 0          | 0      | 0             |       |
| Gas Wells                      |                            |                   | 340                 | 0               | 0        | 0            |                       | Forest Sele                        | ctive Cut                 |                    |                       | 0                   | 0                | 0                |                      | Mowing/Sh                        | rub Cutting                  |           | 0          | 0      | 0             |       |
| Mine (surf                     | ace)                       |                   |                     | 0               | 0        | 0            |                       | Tree Planta                        | tion                      |                    |                       | 0                   | 0                | 0                |                      | Trails                           |                              | -         | 0          | 0      | 0             | 2     |
| Mine (und                      | erground                   | 1)                |                     | 0               | 0        | 0            |                       | Tree Canop                         | y Herbivo                 | огу                |                       | 0                   | 0                | 0                |                      | Soil Compa                       |                              |           | 0          | 0      | 0             |       |
| Military                       |                            |                   |                     | 0               | 0        | 0            |                       | Shrub Laye                         |                           | d                  |                       |                     | 0                | •                |                      | Offroad veh                      |                              | ae        | 0          | 0      | 0             |       |
| Other:                         | V 200                      |                   |                     | 0               | 0        | 0            |                       | (WILD OR DON<br>Highly Graz        | ed Grass                  | es                 |                       | 0                   | 0                | 0                |                      | Soil erosion                     | (FROM WIN                    |           |            | 0      | 0             |       |
|                                |                            |                   |                     |                 |          | 500          |                       | (OVERALL <3*<br>Recently Bu        |                           | est                |                       |                     |                  |                  |                      | OR OVERUSE<br>Other:             |                              |           | 0          |        | 0             |       |
| Other:                         | C. Carre                   |                   |                     | 0               | 0        | 0            | :                     | Canopy<br>Recently Bu              | ırned Gra                 | sslar              | nd                    | 0                   | 0                | 0                |                      |                                  |                              |           | 1000       | 0      | news.         |       |
| Other:                         | an ender                   | K = 1             | do mo               | 0               | O        |              | 11-0                  | (BLACKENED)                        |                           |                    |                       | O                   | O                | 0                | anad L               | Other:                           | FMW                          |           | _ 0        | 0      | 0             |       |
|                                |                            |                   | Ellery,             |                 |          | Exp          |                       | uspect meas<br>lags in comm        |                           |                    |                       |                     |                  |                  | Alleg D              | y each field c                   |                              | 24        | 2816       | B304   |               |       |
| В                              | uffer San                  | iibie i           | LIOUS               | U5,             | /27/2    | ZUII         |                       |                                    |                           |                    |                       |                     |                  |                  |                      |                                  |                              |           |            |        |               |       |

|                                |   |                   |                     |                   |              |       |                       | 211.2.4                      | 51155                               |                 | 0.41               |             |                    |                               | -0 /-  | $\rightarrow$                    | in Edward                     |        | -        |          |               |       |
|--------------------------------|---|-------------------|---------------------|-------------------|--------------|-------|-----------------------|------------------------------|-------------------------------------|-----------------|--------------------|-------------|--------------------|-------------------------------|--|----------------------------------|-------------------------------|--------|----------|----------|---------------|-------|
| Site                           | ID.                                       |                   |                     |                   |              |       |                       | RM B-1:                      | BUFF                                | ER              | SAI                | VIPL        | ΕP                 | LOI                           |  | Maria de                         |                               | wed by |          |          | - (           |       |
| Site                           |   | CP                | ŁΡ_                 | Bo                | 2            | 12    | 23                    |                              | _                                   | la.             |                    |             |                    | in.                           |  |                                  | 27                            |        |          |          | 2_            |       |
| Locati                         |   | lun.              |                     |                   |              |       |                       |                              | - 23                                |                 |                    |             | (EUR)              |                               | 1  |                                  | sampled a                     | and f  | ag -     | <b>→</b> |               |       |
| OAA                            | Center                                    | С                 | N                   | 0                 | S            |       | E C                   | W                            |                                     | lot             |                    |             | Plot               |                               |  | Plot 3                           |                               |        |          |          |               |       |
| Fill in bubble<br>Strata Secti | es for all ti<br>on: Fill in a            | nat app<br>approp | oly: Ca<br>oriate d | nopy<br>cover     | Type:        | D = [ | Deciduou<br>e for eac | s: E = Evergre               | Buffer<br>en, Leaf T<br>or each plo | vpe: E          | B = Br             | oadlea      | f: N =             | Needle                        | e Leaf.  | Absent: No tree<br>oderate(10-40 | e canopy.<br>%); 3 = Heavy (4 | 0-75%) | ; 4 = V  | /ery H   | eavy (        | >75%) |
| Buffer                         | Canop                                     | у Тур             | e: 🚳                | ) (               | ) A          | bsen  | t: O                  | Buffer                       | Canopy                              | у Тур           | e: (               | ) (         | ) AI               | bsent                         | t: 📵   | Buffer                           | Canopy Typ                    | oe: 🌑  | (1)      | Ab       | sent          | : 0   |
| Plot 1                         | Lea                                       | f Typ             | e: 個                | ) (               |              |       | Flag                  | Plot 2                       | Lea                                 | f Typ           | e: (               | ) (         |                    |                               | Flag   | Plot 3                           | Leaf Typ                      | e: 🌀   | (1)      |          |               | Flag  |
| Big Trees (>                   | 0.3m DBH)                                 | 0                 | 0                   |                   | <b>①</b>     | 0     |                       | Big Trees (>                 | -0.3m DBH)                          |                 | 0                  | 3           | 0                  | 0                             |  | Big Trees                        | (>0.3m DBH)                   | 0      | 3        |          | 0             |       |
| mall Trees (<                  | <0.3m <b>DB</b> H)                        | 0                 | 0                   | 2                 |              | 0     |                       | Small Trees (                | <0.3m DBH)                          |                 | 0                  | 2           | 0                  | 0                             |  | Small Trees                      | (<0.3m DBH)                   | 0      | 2        | 0        | 0             |       |
| Woody Shrubs<br>(0.5m          | s, Saplings<br>-5m HIGH)                  | 0                 |                     | 2                 | ①            | 0     |                       | Woody Shrub<br>(0.5m         | s, Saplings<br>n-5m HIGH)           | 0               |                    | 0           | 0                  | 0                             |  |                                  | ubs, Saplings<br>im-5m HIGH)  |        | 0        | 0        | 0             |       |
| Woody Shrubs                   | s, Saplings<br>.5m HIGH)                  | 0                 | 0                   | 0                 | <u> </u>     | 0     |                       | Woody Shrub                  |                                     | 0               | 0                  | •           | 0                  | 0                             |  | Woody Shru                       | bs, Saplings<br>0.5m HIGH)    | 0      | 0        | 0        | 0             |       |
|                                | orbs and<br>Grasses                       | 0                 | 0                   | 2                 | 3            | 0     |                       |                              | Forbs and<br>Grasses                | 0               | 0                  | (2)         | 0                  | <u></u>                       |  | -                                | Forbs and Grasses             | 0      | 0        | 0        |               |       |
| Bare                           | ground                                    | 0                 |                     | 1                 | 0            | 0     |                       | Bare                         | ground                              |                 | 0                  | <u>0</u>    | 0                  | 0                             |  | Bar                              | e ground                      | 0      | 0        | 0        | 0             |       |
| Lit                            | ter, duff                                 | 0                 | Ō                   | 0                 | 3            | 0     | -                     | Lit                          | tter, duff                          | 0               | 0                  |             | Ö                  | $\frac{\tilde{\odot}}{\odot}$ |  | L                                | itter, duff                   | Ō      | <u>.</u> | Ō        | Ŏ             |       |
| 7.5                            | Rock                                      |                   | Ō                   | (2)               | 0            | Ō     |                       |                              | Rock                                |                 | 0                  | 2           | 0                  | $\overline{\odot}$            |  |                                  | Rock @                        | 0      | 0        | 0        | ŏ             |       |
|                                | Water                                     |                   | 0                   | <u>0</u>          | 0            | Ö     |                       |                              | Water                               |                 | 0                  | 0           | 0                  | $\stackrel{\smile}{\odot}$    |  |                                  | Water                         | ŏ      | 0        | 0        | ŏ             |       |
|                                | bmerged                                   |                   | 0                   | $\frac{\circ}{2}$ | 0            | 0     |                       |                              | ubmerged                            |                 | $\overline{\odot}$ | (2)         | 0                  | $\frac{\circ}{\odot}$         |  |                                  | Submerged                     | 0      | 0        | <u></u>  | <u></u>       |       |
|                                | egetation<br>or Pres                      | ence              | $\subseteq$         | $\cup$            | _            |       | rm that               |                              | egetation                           | ndicat          | $\overline{}$      | $\subseteq$ | $\underline{}$     | $\overline{}$                 | unfilled   |                                  | Vegetation   ates absence     |        |          | _        | $\overline{}$ |       |
|                                | dential                                   |                   |                     |                   | III a s      |       | m unac                |                              |                                     |                 |                    |             | oc un              | u aii                         | oi iiiico  | U/ABAD BAD                       |                               |        |          |          |               |       |
| Fill bubble                    |   |                   |                     | 1                 | 2            | 3     | Elaci                 |                              | Hydrolo                             |                 |                    | Т           | 2                  | 3                             | Floor  |                                  | Agricultural if present - F   |        | 1        | 2        | 3             | Flag  |
|                                |   | #11L - F          | -101                |                   |              |       | Flag                  | Fill bubble                  |                                     |                 | 101                | 1           |                    |                               | Flag   | Contract Contract                |                               | 101    |          |          |               | riay  |
| Road - gra                     |   |                   |                     | 0                 | 0            | 0     | -                     | Ditches, C<br>Dike/Dam/      |                                     |                 |                    | 0           | 0                  | 0                             |  | Pasture/Ha<br>Range              | ıy                            |        | 9        | 0        | 읫             |       |
| Road - fou                     |   |                   |                     | 0                 | 0            | 0     |                       | (IMPEDE FLO                  |                                     | l Stru          | cture              | 0           | 0                  | 0                             |  | Row Crops                        |                               |        | 0        | 0        | 0             |       |
|                                |   | ent               |                     | 0                 | 0            | 0     |                       | Excavation                   |                                     |                 | Olure              | 0           | 0                  | 0                             |  | Fallow Field                     | d (RECENT-REST                | ING    | 0        | 0        | 0             |       |
|                                | rking Lot/Pavement O O O  If Course O O O |                   |                     | 3                 | Fill/Spoil B |       | ·9                    |                              | 0                                   | 0               | 0                  |             | Fallow Field       | D)<br>d (OLD - GRASS,         |  | 0                                | 0                             | 0      |          |          |               |       |
| Lawn/Park                      |   |                   |                     | 0                 | 0            | 0     |                       | Freshly De                   | posited S                           | Sedim           | ent                | 0           | 0                  | 0                             |  | SHRUBS, TRE<br>Nursery           | ES)                           |        | 0        | 0        | 0             |       |
| Suburban                       |   | tial              |                     | 0                 | 0            | 0     |                       | (UNVEGETAT<br>Soil Loss/F    |                                     | sure            |                    | 0           | 0                  | 0                             |  | Dairy                            |                               |        | 0        | 0        | 0             |       |
| Urban/Mul                      | tifamily                                  |                   |                     | 0                 | C            | 0     |                       | Wall/Ripra                   | p                                   |                 |                    | 0           | 0                  |                               |  | Orchard                          |                               |        | 0        | 0        | 0             |       |
| Landfill                       |   |                   |                     | 0                 | 0            | 0     |                       | Inlets, Out                  |                                     |                 |                    | 0           | 0                  | 0                             |  | Confined A                       | nimal Feeding                 |        | 0        | 0        | 0             |       |
| Dumping                        | U. T.                                     |                   |                     | 0                 | 0            | 0     |                       | Point Sour                   |                                     | VATED           | 1                  | 0           | 0                  | 0                             |  | Rural Resid                      | dential                       |        | 0        | 0        | 0             | 7     |
| Trash                          |   |                   |                     | 0                 | 0            | 0     |                       | Impervious<br>(SHEETFLOW     | surface                             |                 |                    | 0           | 0                  | 0                             |  | Gravel Pit                       |                               | - 1    | 0        | 0        | 0             |       |
| Other:                         |   |                   |                     | 0                 | 0            | 0     |                       | Other:                       |                                     |                 |                    | 0           | 0                  | 0                             |  | Imigation                        |                               |        | 0        | 0        | 0             |       |
| Other:                         |   |                   |                     | 0                 | 0            | 0     |                       | Other:                       |                                     |                 |                    | 0           | 0                  | 0                             |  | Other:                           |                               |        | 0        | 0        | 0             |       |
| Indus                          | strial D                                  | evelo             | pme                 | ent S             | tres         | sor   | 3                     |                              |                                     |                 |                    |             | labit              | at/V                          | egeta  | tion Stress                      | ors                           | 1      |          |          |               |       |
| ill bubble                     | if prese                                  | ent - F           | Plot                | 1                 | 2            | 3     | Flag                  | Fill bubble                  | if preser                           | nt - F          | Plot               | 1           | 2                  | 3                             | Flag   | Fill bubb                        | le if present -               | Plot   | 1        | 2        | 3             | Flag  |
| Oil Drilling                   |   |                   |                     | 0                 | 0            | 0     |                       | Forest Clea                  | r Cut                               |                 |                    | 0           | 0                  | 0                             | W-W-1-107 MARKET THE TOTAL | Herbicide U                      | se                            |        | 0        | 0        | 0             |       |
| Gas Wells                      |   |                   |                     | 0                 | 0            | 0     |                       | Forest Sele                  | ctive Cut                           | m               |                    | 0           | 0                  | 0                             |  | Mowing/Shr                       | ub Cutting                    |        | 0        | 0        | 0             | T     |
| Mine (surfa                    | ace)                                      |                   |                     | 0                 | 0            | 0     |                       | Tree Planta                  | tion                                |                 |                    | 0           | 0                  | 0                             |  | Trails                           |                               |        | 0        | 0        | 0             | 1     |
| Mine (unde                     | erground                                  | )                 |                     | 0                 | 0            | 0     |                       | Tree Canop                   | AND DESCRIPTION OF STREET           | огу             |                    | 0           | 0                  | 0                             |  | Soil Compa                       |                               |        | 0        | 0        | 0             |       |
| Military                       |   |                   |                     |                   | 0            | 0     |                       | (INSECT)<br>Shrub Layer      |                                     | d .             |                    |             |                    |                               |  | (ANIMAL OR H                     | icle damage                   |        | 0        | 0        | 0             |       |
| Other:                         | -   |                   |                     | 0                 |              |       |                       | (WILD OR DOM<br>Highly Graz  | ed Grass                            | es              | 50                 | 0           | 0                  | 0                             |  |                                  | (FROM WIND, W                 | ATER,  | _        |          | -             |       |
|                                |   |                   | -                   | 0                 | 0            | 0     |                       | (OVERALL <3* Recently Bu     | HIGH)<br>Imed For                   | est             |                    | 0           | 0                  | 0                             |  | OR OVERUSE)                      |                               | 1      | 0        | 0        | 0             |       |
| Other:                         |   |                   |                     | 0                 | 0            | 0     |                       | Canopy<br>Recently Bu        |                                     | 17/2            | nd                 | 0           | 0                  | 0                             |  | Other:                           |                               |        | 0        | 9        | 0             |       |
| Other:                         | 7, 71                                     |                   | -                   | 0                 | 0            | 0     |                       | (BLACKENED)                  |                                     |                 |                    | 0           | 0                  | 0                             |  | Other:                           |                               | _      | O        | O        | 0             |       |
|                                |   |                   |                     |                   |              | Exp   | a, $U = S$            | uspect meası<br>lags in comm | ırement.,<br>ent sectio             | F1,F2<br>n on t | , etc.<br>the ba   | = mis       | c. flag<br>this fo | s assi<br>rm                  | gned by  | y each field cr                  | ew.                           | 2428   | 3168     | 304      | 1             |       |
| Bu                             | uffer San                                 | nple F            | Plots               | 05,               | /27/2        | 2011  |                       |                              |                                     |                 |                    |             |                    |                               |  |                                  |                               |        |          |          |               |       |

| •                     |                          |          |  |            | 214        |          | FOI                      | RM B-1:                            | BUFF   | ER         | SAI         | MPL      | ΕP       |            |                            | September 1                  |                              | Review   |          |            |          | _ (      |          |
|-----------------------|--------------------------|----------|--|------------|------------|----------|--------------------------|------------------------------------|--|------------|-------------|----------|----------|------------|----------------------------|------------------------------|------------------------------|----------|----------|------------|----------|----------|----------|
| Site                  | ID: P                    | CA       | PI   | Be         | _ 1        | 22       | 13                       | -                                  |  |            |             |          |          |            | DATE                       | 0 6                          | 123                          | 7.1      | 2        | 0          | 12       | 2        |          |
| Locati                |                          |          | i de la companya de l |            |            | 544      |                          |                                    | Fill   | in b       | ubb         | le(s     | ) if p   | lot(s      | s) cou                     | ıld not be                   | sample                       | ed ar    | nd fl    | ag -       | <b>→</b> |          |          |
| OAA                   | Center                   | 0        | N  | 0          | S          | 01       | ≣ 0                      | W                                  |  | lot        |             |          | Plot     |            |                            | Plot 3                       |                              |          |          |            |          |          |          |
|                       |                          |          |  |            |            |          |                          | s; E = Evergre<br>h strata type fo |  | ype: E     | B = Br      | oadlea   | f; N =   | Needle     | e Leaf. A                  |                              |                              | vy (40-  | -75%)    | 4 = V      | ery He   | eavy (   | >75%)    |
| Buffer                | Canop                    | у Тур    | e: 🜀   | (          | ) AI       | bsen     | t: O                     | Buffer                             | Canopy   | у Тур      | e: <b>(</b> | ) (      | ) Al     | osent      | : O                        | Buffer                       | Canopy                       | Туре     | e: @     | (E)        | Ab       | sent:    | 0        |
| Plot 1                | Lea                      | f Typ    | e: 📵   | ) (        |            |          | Flag                     | Plot 2                             | Lea  | f Typ      | e: ((       | 0        |          |            | Flag                       | Plot 3                       | Leaf                         | Туре     | : 🔞      | 0          |          |          | Flag     |
| Big Trees (>          | 0.3m DBH)                | 0        | 0  | 2          | <b>(3)</b> | 0        |                          | Big Trees (>                       | 0.3m DBH)  | 0          | 0           | <b>(</b> | 0        | 0          |                            | Big Trees                    | (>0.3m DBH)                  | 0        | 0        | <b>(1)</b> | 0        | 0        |          |
| mall Trees (          | <0.3m DBH)               | 0        | 0  | 0          | <b>(6)</b> | 0        |                          | Small Trees (                      | <0.3m DBH)   | 0          | 0           | 0        | <b>(</b> | 0          |                            | Small Trees                  | (<0.3m DBH)                  | 0        | 0        | 0          | <b>@</b> | 0        |          |
| Woody Shrub:<br>(0.5m | s, Saplings<br>-5m HIGH) | 0        | 0  | 0          | 0          | 0        |                          | Woody Shrub<br>(0.5rr              | s, Saplings<br>1-5m HIGH)  | <b>(</b>   | 0           | 2        | 0        | 0          |                            |                              | ıbs, Saplings<br>im-5m HIGH) | 0        | 0        | <b>@</b>   | 0        | 0        |          |
| Woody Shrubs<br>(<0   | s, Saplings<br>5m HIGH)  | 0        | <b>(</b>   | 2          | 0          | 0        |                          | Woody Shrub<br>(<0                 | s, Saplings<br>).5m HIGH)  | 0          | 0           | 0        | 0        | 0          |                            |                              | bs, Saplings<br>0.5m HIGH)   | 0        |          | 0          | 0        | 0        |          |
|                       | orbs and<br>Grasses      |          | 0  | <b>(3)</b> | 0          | 0        |                          | Herbs, I                           | Forbs and<br>Grasses   | 0          | <b>(</b>    | 0        | 0        | 0          |                            | Herbs                        | Forbs and<br>Grasses         | 0        | <b>@</b> | 0          | 0        | 0        |          |
| Bare                  | ground                   | <b>(</b> | 0  | 0          | 0          | 0        | -                        | Bare                               | ground   | <b>(</b>   | 0           | 2        | 0        | 0          |                            | Bai                          | e ground                     | 0        | <b>(</b> | 0          | 0        | 0        |          |
| Lit                   | ter, duff                | 0        | 0  | 0          | 0          | <b>@</b> |                          | Lit                                | tter, duff   | 0          | 0           | 2        | 0        | <b>(1)</b> |                            | L                            | itter, duff                  | 0        | 0        | 0          | 0        | <b>@</b> |          |
|                       | Rock                     | <b>(</b> | 0  | 2          | 0          | 0        |                          |                                    | Rock   | <b>(</b>   | 0           | 2        | 0        | 0          |                            |                              | Rock                         | <b></b>  | 0        | 0          | 0        | 0        |          |
|                       | Water                    |          | 0  | (2)        | 0          | 0        |                          |                                    | Water  | 0          | 0           | 2        | 0        | 0          |                            |                              | Water                        | <b>(</b> | 0        | 0          | 0        | 0        |          |
|                       | ubmerged<br>egetation    |          | 0  | <b>①</b>   | ①          | 0        |                          |                                    | ubmerged<br>egetation  | 0          | 0           | (2)      | 0        | 0          |                            |                              | Submerged<br>Vegetation      | 0        | 0        | 0          | 0        | 0        |          |
| ULIVATURE CO.         |                          | _        | e/Ab   | senc       | e - (      | Confi    | rm that                  | a filled data                      |  | 1 -        | tes p       | resen    | ce an    | d an       | unfilled                   |                              |                              | nce b    | y filli  | ng thi     | s bub    | -        | <b>3</b> |
| Resi                  | dential                  | and      | Urba   | an S       | tress      | sors     |                          |                                    | Hydrolo  | gy S       | tres        | sors     |          |            |                            |                              | Agricultu                    | ıral 8   | k Ru     | ral S      | tres     | sors     |          |
| Fill bubble           | e if prese               | ent - i  | Plot   | 1          | 2          | 3        | Flag                     | Fill bubble                        | e if prese   | ent - I    | Plot        | 1        | 2        | 3          | Flag                       | Fill bubble                  | if preser                    | it - Pl  | ot       | 1          | 2        | 3        | Flag     |
| Road - gra            | avel                     | W        |  | 0          | 0          | 0        | artania di minis da cama | Ditches, C                         | hanneliza  | ation      |             | 0        | 0        | 0          |                            | Pasture/Ha                   | ıy                           |          |          | 0          | 0        | 0        |          |
| Road - two            | o lane                   |          |  | 0          | 0          | 0        |                          | Dike/Dam/                          |  | Bed        |             | 0        | 0        | 0          |                            | Range                        |                              |          |          | 0          | 0        | 0        |          |
| Road - fou            | ır lane                  |          |  | 0          | 0          | 0        |                          | Water Lev                          | -  | Stru       | cture       | 0        | 0        | 0          |                            | Row Crops                    |                              |          |          | 0          | 0        | 0        |          |
| Parking Lo            | ot/Pavem                 | nent     |  | 0          | 0          | 0        |                          | Excavation                         | n, Dredgir   | ng         |             | 0        | 0        | 0          |                            | Fallow Fiel<br>ROW GROP FIEL |                              | RESTIN   | lG       | 0          | 0        | 0        |          |
| Golf Cours            | olf Course OOO           |          |  |            |            |          | Fill/Spoil B             |                                    |  |            | 0           | 0        | 0        |            | Fallow Fiel<br>SHRUBS, TRE |                              | ASS,                         |          | 0        | 0          | 0        |          |          |
| Lawn/Parl             | <                        |          |  | 0          | 0          | 0        |                          | Freshly De<br>(UNVEGETAT           |  | Sedin      | ent         | 0        | 0        | 0          |                            | Nursery                      |                              |          |          | 0          | 0        | 0        |          |
| Suburban              | Residen                  | tial     |  | 0          | 0          | 0        |                          | Soil Loss/F                        |  | osure      |             | 0        | 0        | 0          |                            | Dairy                        |                              |          |          | 0          | 0        | 0        |          |
| Urban/Mu              | ltifamily                |          |  | 0          | 0          | 0        |                          | Wall/Ripra                         | Р  |            |             | 0        | 0        | 0          |                            | Orchard                      |                              |          |          | 0          |          | 0        |          |
| Landfill              |                          | 10       |  | 0          | 0          | 0        |                          | Inlets, Out                        |  |            |             | 0        | 0        | 0          |                            | Confined A                   |                              | ding     |          | 0          | 0        | 0        |          |
| Dumping               |                          |          |  | 0          | 0          | 0        |                          | (EFFLUENT C                        | OR STORMV  |            |             | 0        | 0        | 0          |                            | Rural Resi                   | dential                      |          | 4        | 0          | 0        | 0        |          |
| Trash                 |                          |          | NA.  | 0          | 0          | 0        |                          | (SHEETFLOW                         |  | при        |             | 0        | 0        | 0          |                            | Gravel Pit                   |                              |          | -        | 0          | 0        | 0        |          |
| Other:                |                          |          |  | 0          | 0          | 0        | :                        | Other:                             |  |            |             | 0        | 0        | 0          |                            | Irrigation                   |                              |          |          | 9          | 0        | 0        |          |
| Other:                | atrial D                 |          |  | 0          | 0          | 0        |                          | Other:                             |  |            |             | 0        | 0        | 0          |                            | Other:                       |                              | cilis:   |          | 0          | 0        | 0        | L ET     |
|                       | strial D                 | 10,75    | -  |            |            |          |                          |                                    | de illes   |            |             |          |          |            |                            | ion Stress                   |                              |          |          | 4 1        |          | . 1      |          |
| Fill bubble           |                          | ent - I  | 210t   | 1          | 2          | 3        |                          | Fili bubble                        | W-Bentle   | nt - I     | 210t        | 1        | 2        | 3          | Flag                       |                              | le if prese                  | ent - F  | 10t      | 1          | 2        | 1        | Flag     |
| Oil Drilling          |                          |          |  | 0          | 0          | 0        |                          | Forest Clea                        | THE STATE OF THE S |            |             | 0        | 0        | 0          |                            | Herbicide L                  |                              |          |          | 0          | 의        | 0        |          |
| Gas Wells             | PART I                   |          |  | 0          | 0          | 0        |                          | Forest Sele                        |  |            |             | 0        | 0        | 0          |                            | Mowing/Sh                    | rub Cutting                  | )        | -        | 0          | 0        | 0        |          |
| Mine (surf            |                          |          |  | 0          | 0          | 0        |                          | Tree Planta<br>Tree Canop          |  | orv        |             | 0        | 0        | 0          |                            | Trails<br>Soil Compa         | ction                        |          |          | 0          | 0        | 0        |          |
| Mine (und             | erground                 | 1)       |  | 0          | 0          | 0        |                          | (INSECT)<br>Shrub Laye             |  |            |             | 0        | 0        | 0          |                            | (ANIMAL OR H                 | UMAN)                        |          |          | 0          | 0        | 0        |          |
| Military              |                          |          |  | 0          | 0          | 0        |                          | (WILD OR DON<br>Highly Graz        | MESTIC)  |            |             | 0        | 0        | 0          |                            | Offroad veh<br>Soil erosion  |                              |          | TER      | 0          | 0        | 0        |          |
| Other:                |                          |          |  | 0          | 0          | 0        |                          | (OVERALL <3*<br>Recently Bu        | HIGH)  |            |             | 0        | 0        | 0          |                            | OR OVERUSE                   |                              |          |          | 0          | 0        | 0        |          |
| Other:                |                          |          |  | 0          | 0          | 0        |                          | Canopy                             |  | I Response | nd          | 0        | 0        | 0          |                            | Other:                       | 400.00                       |          | _        | 0          | 0        | 0        |          |
| Other:                |                          |          |  | 0          | 0          | 0        |                          | Recently Bu<br>(BLACKENED)         |  |            |             | 0        | 0        | 0          |                            | Other:                       |                              |          |          | 0          | 0        | 0        |          |
|                       |                          |          |  |            |            | Exp      |                          | uspect measi<br>lags in comm       |  |            |             |          |          |            | igned by                   | y each field c               | rew.                         | 2        | 2428     | 168        | 304      |          |          |
| B                     | uffer San                | nple l   | Plots  | 05,        | /27/2      | 2011     |                          |                                    |  |            |             |          |          |            |                            |                              |                              |          |          |            |          |          |          |

|                       |  |                   | files    |          | ra(t)             | Bit             | FOI        | RM B-1:                            | BUFF                      | ER       | SAI    | <b>IPL</b> | E PI   | LOT   | S (F     | ront)                       | F                            | Review  | ed by (  | initial):      |                | _ (    |          |
|-----------------------|--|-------------------|----------|----------|-------------------|-----------------|------------|------------------------------------|---------------------------|----------|--------|------------|--------|-------|----------|-----------------------------|------------------------------|---------|----------|----------------|----------------|--------|----------|
| Site                  | ID:                                    | OCA               | 4P       | Be       | 1                 | 27              | 23         |                                    |                           |          |        |            |        |       | DATE     | 06                          | 127                          |         | 20       | ٥,             | 1.             | 2      |          |
| Locati                |  |                   | 2        |          |                   |                 |            |                                    | Fill                      | in b     | ubb    | le(s)      | if p   | lot(s | s) cou   | ıld not be                  | sample                       | d ar    | nd fla   | ag -           | <b>→</b>       |        | T        |
| @ AA                  | Center                                 | C                 | N        | 0        | S                 | O               | ≣ 0        | W                                  | OF                        | lot 1    | ı      | 01         | Plot   | 2     | O F      | Plot 3                      |                              |         |          |                |                |        |          |
| FW 1- L. LL           | - 6                                    |                   |          |          | T                 | D - F           | Na alah    |                                    | Buffer                    |          |        |            |        |       |          | haanti Ne tro               |                              |         |          |                |                |        |          |
| Strata Section        | on; Fill in a                          | nat app<br>approp | priate o | over o   | i ype:<br>class t | bubble<br>D = L | e for eacl | s; E = Evergre<br>n strata type fo | en. Lear i<br>or each plo | ype: E   | Absen  | t, 1 = \$  | Sparse | (<10% | 6); 2=M  | oderate(10-40               | %); 3 = Heav                 | /y (40- | 75%);    | 4 = V          | ery He         | eavy ( | >75%)    |
| Buffer                | Canop                                  | у Тур             | e: 📵     | ) (      | ) AI              | bsen            | t: O       | Buffer                             | Canop                     | у Тур    | e: (6  | ) (        | ) Ab   | sent  | : O      | Buffer                      | Сапору                       | Туре    | : ①      | <b>(</b> 1)    | Ab             | sent:  | 0        |
| Plot 1                | Lea                                    | f Typ             | e: 🕔     | ) (      |                   |                 | Flag       | Plot 2                             | Lea                       | f Typ    | e: 🕝   | ) (        | )      |       | Flag     | Plot 3                      | Leaf                         | Туре    | : 📵      | (0)            |                |        | Flag     |
| Big Trees (>          | 0.3m DBH)                              | 0                 | 0        | <b>②</b> | (4)               | 0               |            | Big Trees (>                       | 0.3m DBH)                 | 0        | 0      | 2          | 0      | 0     |          | Big Trees                   | (>0.3m DBH)                  | 0       | 0        | <u> </u>       | 0              | 0      |          |
| Small Trees (<        | <0.3m DBH                              | 0                 | 0        | 2        | <b>(</b>          | 0               |            | Small Trees (                      | <0.3m DBH                 | 0        | 0      | 2          | 0      | 0     |          | Small Trees                 | (<0.3m DBH)                  | 0       | 0        | <b>①</b>       | 0              | 0      |          |
| Woody Shrubs<br>(0.5m | s, Saplings<br>-5m HIGH)               | 0                 | 0        | <b>(</b> | 0                 | 0               |            | Woody Shrubs<br>(0.5m              | s, Saplings<br>-5m HIGH)  | 0        | 0      | 0          | 0      | 0     |          |                             | ubs, Saplings<br>im-5m HIGH) | 0       | 0        | <b>2</b>       | 0              | 0      |          |
| Woody Shrubs<br>(<0   | s, Saplings<br>.5m HIGH)               |                   | 0        | (2)      | 3                 | 0               |            | Woody Shrub:<br>(<0                | s, Saplings<br>.5m HIGH)  | 0        | 0      | 0          | 0      | 0     |          |                             | ibs, Saplings<br><0.5m HIGH) | 0       | 0        | 0              | 3              | 0      |          |
| Herbs, F              | orbs and<br>Grasses                    | 0                 | <b>(</b> | 0        | 0                 | 0               |            | Herbs, F                           | orbs and<br>Grasses       | 0        | 0      | 0          | 0      | 0     |          | Herbs                       | Forbs and Grasses            | 0       | 0        | 0              | 0              | 0      |          |
| Bare                  | ground                                 | 0                 | <b>(</b> | 0        | 0                 | 0               |            | Bare                               | ground                    | 0        | 0      | 0          | 0      | 0     |          | Bai                         | e ground                     | 0       | 0        | <u> </u>       | 0              | 0      |          |
| Lit                   | ter, duff                              | 0                 | 0        | 0        | 0                 | 1               |            | Lit                                | ter, duff                 | 0        | 0      | 2          | 0      | 0     |          | L                           | itter, duff.                 | 0       | 0        | 0              | 0              | 0      |          |
|                       | Rock                                   | <b>(a)</b>        | 0        | 2        | 0                 | 0               |            |                                    | Rock                      | 0        | 0      | 0          | 0      | 0     |          |                             | Rock                         | 0       | 0        | 0              | 0              | 0      |          |
|                       | Water                                  | <b>®</b>          | 0        | 0        | 0                 | 0               |            |                                    | Water                     | 0        | 0      | 0          | 0      | 0     |          |                             | Water                        | 0       | 0        | 0              | 0              | 0      |          |
|                       | bmerged<br>egetation                   |                   | 0        | (2)      | 0                 | 0               |            |                                    | bmerged<br>egetation      | 0        | 0      | 0          | 0      | 0     |          |                             | Submerged<br>Vegetation      | 0       | 0        | 0              | 0              | 0      |          |
| Stress                | or Pres                                | senc              | e/Ab     | send     | e - (             | Confi           | rm that    | a filled data                      | bubble i                  | ndica    | tes pi | esen       | ce and | d an  | unfilled | bubble indi                 | cates abse                   | nce b   | y fillir | g thi          | s bub          | ble. ( | <b>•</b> |
| Resi                  | dential                                | and               | Urba     | an S     | tres              | sors            |            | W-10-1                             | Hydrolo                   | gy S     | tres   | sors       |        |       |          |                             | Agricultu                    | ıral 8  | Rui      | al S           | tres           | sors   |          |
| Fill bubble           | e if prese                             | ent - I           | Plot     | 1        | 2                 | 3               | Flag       | Fill bubble                        | if prese                  | ent - I  | Plot   | 1          | 2      | 3     | Flag     | Fill bubble                 | if presen                    | t - Pi  | ot       | 1              | 2              | 3      | Flag     |
| Road - gra            | avel                                   |                   |          | 0        | 0                 | 0               |            | Ditches, Cl                        | hanneliza                 | ation    |        | 0          | 0      | 0     |          | Pasture/Ha                  | ay                           |         |          | 0              | 0              | 0      |          |
| Road - two            | o lane                                 |                   |          | 0        | 0                 | 0               |            | Dike/Dam/<br>(IMPEDE FLO           |                           | ≀ Bed    |        | 0          | 0      | 0     |          | Range                       |                              |         |          | 0              | 0              | 0      |          |
| Road - fou            | ır lane                                |                   |          | 0        | 0                 | 0               |            | Water Leve                         | el Contro                 | l Stru   | cture  | 0          | 0      | 0     |          | Row Crops                   |                              |         |          | 0              | 0              | 0      |          |
| Parking Lo            | ot/Paven                               | nent              |          | 0        | 0                 | 0               |            | Excavation                         | , Dredgii                 | ng       |        | 0          | 0      | 0     |          | Fallow Fiel                 | D)                           |         | IG       | 0              | 0              | 0      |          |
| Golf Cour             | olf Course O O O                       |                   |          |          |                   |                 |            | Fill/Spoil B                       |                           | 0 - 41-  |        | 0          | 0      | 0     |          | Fallow Fiel<br>SHRUBS, TRE  |                              | ASS,    |          | 0              | 0              | 0      |          |
| Lawn/Park             | <                                      |                   |          | 0        | 0                 | 0               |            | Freshly De<br>(UNVEGETAT           | ED)                       |          |        | 0          | 0      | 0     |          | Nursery                     |                              |         |          | 0              | 0              | 0      |          |
| Suburban              |  | itial             |          | 0        | 0                 | 0               |            | Soil Loss/F                        |                           | osure    |        | 0          | 0      | 0     |          | Dairy                       |                              |         |          | 0              | 0              | 0      | •        |
| Urban/Mul             | ltifamily                              |                   |          | 0        | 0                 | 0               |            | Wall/Ripra                         |                           |          |        | 0          | 0      | 0     |          | Orchard                     |                              |         |          | 0              | 0              | 0      |          |
| Landfill              |  |                   |          | 0        | 0                 | 0               | 4          | Inlets, Outl                       |                           |          |        | 0          | 0      | 0     |          | Confined A<br>Rural Resi    |                              | ding    |          | 0              | 0              | 0      | *        |
| Dumping               |  |                   |          | 0        | 0                 | 0               | 1          | (EFFLUENT C                        | R STORM                   |          |        | 0          | 0      | 0     |          | Gravel Pit                  | deriuai                      | -       |          | 0              | 0              | 0      |          |
| Trash                 | II I I I I I I I I I I I I I I I I I I |                   |          | 0        | 0                 | 0               |            | (SHEETFLOW                         |                           |          |        | 0          | 0      | 0     |          |                             | e – z II. ii. ii. ii. ii.    |         |          | 0              | 0              | 0      |          |
| Other:                |  |                   |          | 0        | 0                 | 0               |            | Other:                             |                           |          | _      | 0          | 00     | 0 0   |          | Irrigation Other:           |                              |         |          | 0              | 0              | 0      |          |
| Other:                | -4-1-1 D                               |                   |          | 0        | 0                 | 0               |            | Outer.                             |                           | 1-30     | Jan.   | _          |        |       |          | _                           |                              |         | =        | O <sub>1</sub> | O <sub>I</sub> | O      |          |
|                       | strial D                               |                   | 0.00     |          |                   |                 |            |                                    |                           |          |        |            |        |       |          | tion Stress                 |                              |         |          | 4              |                |        | <u> </u> |
| Fill bubble           |  | ent -             | Plot     | 1        | 2                 | 3               | Flag       | Fill bubble                        |                           | nt - I   | lot    | 1          | 2      | 3     | Flag     |                             | le if prese                  | ent - F | 10t      | 1              | 2              | 3      | Flag     |
| Oil Drilling          |  |                   | 100      | 0        | 0                 | 0               |            | Forest Clea                        |                           |          |        | 0          | 0      | 0     | -        | Herbicide L                 |                              |         | +        | 0              | 0              | 0      |          |
| Gas Wells             |  |                   |          | 0        | 0                 | 0               |            | Forest Sele                        | No.                       | diesia.  |        | 0          | 0      | 0     |          | Mowing/Sh                   | rub Cutting                  |         |          | 0              | 0              | 0      |          |
| Mine (surf            |  |                   |          | 0        | 0                 | 0               |            | Tree Planta<br>Tree Canop          |                           | OLA      |        | 0          | 0      | 0     |          | Trails<br>Soil Compa        | action                       | 7.16    | -        | 0              | 0              | 0      |          |
| Mine (und             | erground                               | 1)                |          | 0        | 0                 | 0               |            | (INSECT)<br>Shrub Layer            |                           | The same |        | 0          | 0      | 0     |          | (ANIMAL OR F                | IUMAN)                       | 1000    |          | 0              | 0              | 0      |          |
| Military              | NO.                                    |                   |          | 0        | 0                 | 0               |            | (WILD OR DON<br>Highly Graz        | (ESTIC)                   |          | S) (6) | 0          | 0      | 0     |          | Offroad veh<br>Soil erosion |                              |         | TER.     | 0              | 0              | 0      |          |
| Other:                |  |                   | 190      | 0        | 0                 | 0               |            | (OVERALL <3"<br>Recently Bu        | HIGH)                     |          |        | 0          | 0      | 0     |          | OR OVERUSE                  |                              |         |          | 0              | 0              | 0      |          |
| Other:                | 1.40                                   |                   |          | 0        | 0                 | 0               |            | Canopy<br>Recently Bu              |                           |          | nd     | 0          | 0      | 0     |          | Other:                      |                              |         | =        | 0              | 0              | 0      |          |
| Other:                |  |                   |          | 0        | 0                 | 0               |            | (BLACKENED)                        |                           |          |        | 0          | 0      | 0     |          | Other:                      | 5200                         |         |          | 0              | 0              | 0      | -        |
|                       |  |                   |          |          |                   | Exp             |            | uspect measi<br>lags in comm       |                           |          |        |            |        |       | igned b  | y each field c              | rew.                         | 2       | 428      | 168            | 304            |        |          |
| В                     | uffer Sar                              | mple              | Plots    | 05       | /27/              | 2011            |            |                                    |                           |          | 1      |            |        |       |          | to Thomas III               |                              |         |          |                | 77.072         | 1670   |          |

| •                               |  |                         | (4)                 | 14           | NA PAR       | Ph                    | FOI                 | M B-1:                     |                                      |                        |  |                |   |                       |              | 100                       |                              |                            | ved by (               |          |                         | _           | •     |
|---------------------------------|--|-------------------------|---------------------|--------------|--------------|-----------------------|---------------------|----------------------------|--------------------------------------|------------------------|--|----------------|---|-----------------------|--------------|---------------------------|------------------------------|----------------------------|------------------------|----------|-------------------------|-------------|-------|
| Site I                          | D: <u>P</u>                                  | CA                      | PB                  | el           | 22           | 3                     |                     |                            |                                      | il de                  |  |                |   |                       | DATE         | ild not be                | 1 2,7                        |                            | 2                      | 0        | 1 ,                     | 2           |       |
| Locatio                         |  |                         |                     |              |              |                       |                     |                            | SALE                                 |                        |  | le(s)          | if p                                    | lot(                  | s) cou       | ıld not be                | sample                       | ed a                       | nd fla                 | ag -     | →                       | ١,          |       |
| OAAC                            | enter  | C                       | N                   | 0            | S            | O                     | E 0                 | W                          |                                      | lot                    |  | 335            | Plot                                    |                       |              | Plot 3                    | 2122 2                       | n H                        |                        |          |                         | t           | 0.5   |
| Fill in bubble<br>Strata Sectio | s for all th                                 | nat app                 | oly: Ca<br>oriate d | nopy cover   | Type:        | D = D                 | eciduou<br>for eacl | s; E = Evergre             | Buffer<br>een. Leaf T<br>or each plo | ype: E                 | 3 = Br                                   | adlea          | ; N = 1                                 | Needl                 | e Leaf. A    | Absent: No tree           | e canopy.<br>%); 3 = Hea     | vy (40                     | -75%);                 | 4 = V    | ery He                  | eavy (      | >75%) |
| Buffer                          | Canop  | v Tvp                   | e: 🕞                | ) (          | ) A          | bsen                  | t: O                | Buffer                     | Canopy                               | v Tve                  | ne: (6                                   | ) (            | ) At                                    | sen                   | t: ()        | Buffer                    | Canopy                       | Type                       | e: 🕞                   | (E)      | Ab                      | sent        | . (   |
| Plot 1                          |  | f Typ                   | _>                  | $\leftarrow$ |              |                       | Flag                | Plot 2                     |                                      |                        | e: (                                     | $\widetilde{}$ | _                                       | 33011                 | Flag         | Plot 3                    |                              | Туре                       | $\stackrel{\smile}{-}$ | <u>0</u> | 1                       |             | Flag  |
| Big Trees (>0                   |  |                         | 0                   | 0            | 0            | 0                     | liug                | Big Trees (                |                                      |                        | 0  | 0              | 0                                       | <u></u>               | - iug        | Big Trees                 | (>0.3m DBH)                  |                            | O                      | <u> </u> | 0                       | 0           | i iug |
| mall Trees (<                   | 0.3m DBH)                                    | 0                       | 0                   | 2            | 3            | 0                     |                     | Small Trees (              | <0.3m DBH)                           | 0                      | 0  | 0              | 0                                       | <u> </u>              |              | Small Trees               | (<0.3m DBH)                  | 0                          | 0                      | 0        | 0                       | 0           |       |
| Voody Shrubs,                   | , Saplings<br>5m HIGH)                       | 0                       | 0                   | 2            | 0            | 0                     |                     | Woody Shrub                | s, Saplings<br>n-5m HIGH)            | 0                      | 0  | 2              | 0                                       | 0                     |              |                           | ibs, Saplings<br>im-5m HIGH) | 0                          | 0                      | 2        | 0                       | 0           |       |
| Voody Shrubs,                   |  | 0                       | 0                   | 2            | 0            | 0                     |                     | Woody Shrub                |                                      |                        | 0  | <u>(2)</u>     | <u></u>                                 | $\overline{\odot}$    |              | Woody Shru                | bs, Saplings<br>0.5m HIGH)   | 0                          | 0                      | <u></u>  | <u></u>                 | Ō           |       |
| Herbs, Fo                       | orbs and                                     | 0                       | 0                   | 2            | 0            | Ō                     |                     |                            | Forbs and                            | Ö                      | Ō  | 0              | ŏ                                       | $\frac{\circ}{\circ}$ |              |                           | Forbs and                    | 0                          | Ŏ                      | 0        | 0                       | ŏ           |       |
|                                 | Grasses<br>ground                            | 0                       | Ō                   | 2            | 0            | ŏ                     |                     | Bare                       | Grasses<br>ground                    | 0                      | 0  | 0              | ŏ                                       | $\frac{\circ}{\circ}$ |              | Bar                       | Grasses<br>e ground          | 0                          | 0                      | 0        | 0                       | ŏ           |       |
|                                 | er, duff                                     | 0                       | 0                   | <u>0</u>     | 0            | ŏ                     |                     |                            | tter, duff                           | 0                      | 0  | 0              | 0                                       | $\frac{\circ}{\circ}$ |              |                           | itter, duff                  | 0                          | 0                      | 0        | 0                       | ŏ           |       |
|                                 | Rock   | 0                       | 0                   | 0            | 0            | 0                     |                     |                            | Rock                                 | 0                      | 0  | 0              | <u></u>                                 | $\frac{\circ}{\circ}$ | _            |                           | Rock                         | 0                          | 0                      | 0        | 0                       | Ö           |       |
|                                 | Water  | 0                       | 0                   | 0            | 0            | $\frac{\circ}{\circ}$ |                     |                            | Water                                | 0                      | 00                                       | 0              | 0                                       | $\frac{0}{0}$         | -            |                           | Water                        | 0                          | 0                      | 0        | 0                       | 0           |       |
| Sul                             | bmerged                                      | $\stackrel{\sim}{\sim}$ | $\overline{}$       |              | $\dot{\sim}$ | <u> </u>              |                     | Sı                         | ubmerged                             | $\stackrel{\smile}{-}$ | $\stackrel{\hspace{0.1cm}\mapsto}{\sim}$ |                | $\overline{\sim}$                       | $\overline{}$         |              |                           | Submerged                    | $\stackrel{\square}{\sim}$ |                        |          | $\stackrel{\sim}{\sim}$ | 0           |       |
|                                 | egetation                                    | 0                       | ( <u>)</u>          | 0            | $\odot$      | ( <u>(</u>            |                     |                            | egetation                            | 0                      | $\odot$                                  | 0              | 0                                       | <u>()</u>             | 6110-1       |                           | Vegetation                   | 0                          | <u> </u>               |          | $\Theta$                | $\subseteq$ |       |
| T. HUNG                         |  |                         |                     |              |              |                       | ını ulat            |                            |                                      |                        |  |                | æ anı                                   | n an                  | unnec        | bubble indic              |                              |                            |                        |          |                         |             |       |
| 1000000                         | dential                                      |                         |                     | an Si        |              |                       |                     |                            | Hydrolo                              | -                      |  | Т              |   |                       |              |                           | Agricultu                    |                            | -                      |          |                         |             |       |
| ill bubble                      |  | ent - I                 | Plot                | 1            | 2            | 3                     | Flag                | Fill bubble                |                                      |                        | Plot                                     | 1              | 2                                       | 3                     | Flag         |                           |                              | it - Pi                    | iot                    | 1        | 2                       | 3           | Flag  |
| Road - gra                      |  |                         |                     | 0            | 0            | 0                     |                     | Ditches, C<br>Dike/Dam/    | 14 100 100                           |                        |  | 0              | 0                                       | 0                     | -            | Pasture/Ha                | ıy                           |                            | -                      | 0        | 9                       | 0           |       |
| Road - two                      |  |                         |                     | 0            | 0            | 0                     |                     | (IMPEDE FLC                | W)                                   |                        |  | 0              | 0                                       | 0                     |              | Range                     |                              |                            |                        |          | 0                       | 0           |       |
| Road - fou                      |  | ont.                    |                     | 0            | 0            | 0                     |                     | Water Lev<br>Excavation    |                                      |                        | cure                                     | $\vdash$       | 0                                       | 0                     |              | Row Crops<br>Fallow Field |                              | RESTI                      | NG                     |          | 0                       | 0           |       |
|                                 | Parking Lot/Pavement O O O Solf Course O O O |                         |                     |              |              |                       | Fill/Spoil B        |                            | ıy                                   |                        | 0  | 0 0            | 0                                       | -                     | Fallow Field | D)                        |                              |                            | 0                      | 0        | 0                       | -           |       |
| Lawn/Park                       | e  |                         |                     | P - 50       | 0            | 0                     |                     | Freshly De                 |                                      | Sedin                  | nent                                     | 0              | 0                                       | 0                     |              | SHRUBS, TRE               | ES)                          | take in                    |                        | 0        | 0                       | 0           |       |
| Suburban I                      | Residen                                      | tial                    |                     | 0            | 0            | 0                     |                     | Soil Loss/F                |                                      | osure                  |  | 0              | 0                                       | 0                     |              | Dairy                     |                              |                            |                        | 0        | 0                       | 0           |       |
| Urban/Mult                      |  |                         |                     | 0            | 0            | 0                     |                     | Wall/Ripra                 | Service Co.                          |                        |  | 0              | 0                                       | 0                     |              | Orchard                   | Accessor 100                 |                            |                        | 0        | 0                       | 0           |       |
| Landfill                        |  |                         |                     | 0            | 0            | 0                     |                     | Inlets, Out                |                                      | over the Figure        |  | 0              | 0                                       | 0                     |              | Confined A                | nimal Fee                    | dina                       |                        | ö        | 0                       | 0           |       |
| Dumping                         |  |                         |                     | 0            | 0            | 0                     |                     | Point Sour                 | ce/Pipe                              |                        |  | 0              | 0                                       | 0                     |              | Rural Resid               |                              |                            |                        | 0        | 0                       | 0           |       |
| Trash                           |  |                         |                     | 0            | 0            | 0                     |                     | Impervious<br>(SHEETFLOW   | surface                              |                        |  | 0              | 0                                       | 0                     |              | Gravel Pit                |                              |                            |                        | ŏ        | 0                       | 0           |       |
| Other:                          |  |                         | - X                 | 0            | 0            | 0                     |                     | Other:                     | <b>11</b> in                         |                        |  | 0              | 0                                       | 0                     | q,           | Irrigation                | - 100                        |                            |                        | 0        | 0                       | 0           | •     |
| Other:                          |  |                         |                     | 0            | 0            | 0                     |                     | Other:                     |                                      |                        |  | 0              | 0                                       | 0                     |              | Other:                    |                              |                            |                        | ŏ        | 0                       | 0           |       |
| Indus                           | trial D                                      | evelo                   | opme                | ent S        | tres         | sors                  | 5                   |                            |                                      |                        |  |                | 111111111111111111111111111111111111111 | at/V                  | egeta        | ion Stress                | ors                          |                            |                        |          |                         |             |       |
| ill bubble                      | if prese                                     | ent - I                 | Plot                | 1            | 2            | 3                     | Flag                | Fill bubble                | if preser                            | nt - F                 | Plot                                     | 1              | 2                                       | 3                     | Flag         | Fill bubb                 | le if prese                  | ent - l                    | Plot                   | 1        | 2                       | 3           | Flag  |
| Oil Drilling                    |  |                         |                     | 0            | 0            | 0                     |                     | Forest Clea                | r Cut                                |                        |  | 0              | 0                                       | 0                     |              | Herbicide U               | se                           |                            |                        | 0        | 0                       | 0           |       |
| Gas Wells                       |  |                         |                     | 0            | 0            | 0                     |                     | Forest Sele                | ctive Cut                            |                        |  | 0              | 0                                       | 0                     |              | Mowing/Shr                | rub Cutting                  | )                          |                        | 0        | 0                       | 0           |       |
| Mine (surfa                     | ce)  |                         |                     | 0            | 0            | 0                     |                     | Tree Planta                | tion                                 |                        |  | 0              | 0                                       | 0                     |              | Trails                    |                              |                            |                        | 0        | 0                       | 0           |       |
| Mine (unde                      | rground                                      | )                       |                     | 0            | 0            | 0                     |                     | Tree Canop                 | y Herbivo                            | огу                    |  | 0              | 0                                       | 0                     |              | Soil Compa                |                              |                            | -                      | 0        | 0                       | 0           |       |
| Military                        |  |                         |                     | 0            | 0            | 0                     |                     | Shrub Laye<br>(WILD OR DOA |                                      | d                      |  | 0              | 0                                       | 0                     |              | Offroad veh               | No. of the last              | ge                         | -                      | 0        | 0                       | 0           |       |
| Other:                          |  |                         |                     | 0            | 0            | 0                     |                     | Highly Graz                | ed Grass                             | ses                    |  | 0              | 0                                       | 0                     |              | Soil erosion              |                              | ID, WA                     | TER                    | o        | 0                       | 0           |       |
| Other:                          |  |                         |                     | 0            | 0            | 0                     |                     | Recently Bu                |                                      | est                    | WE.                                      | 0              | 0                                       | 0                     |              | Other:                    |                              |                            |                        | 0        | 0                       | 0           |       |
| Other:                          | -  |                         |                     | 0            | 0            | 0                     |                     | Canopy<br>Recently Bu      | rned Gra                             | esslar                 | nd                                       | 0              | 0                                       | 0                     |              | Other:                    |                              |                            | =                      | 0        | 0                       | 0           |       |
| -                               |  | 12                      |                     | B-0          | 100          |                       | W = 0               | (BLACKENED)                |                                      | E4 E4                  |  |                |   |                       |              | _                         |                              |                            | _1                     | $\sim$ 1 | $\cup$                  |             | c 100 |

Explain all flags in comment section on the back of this form

Buffer Sample Plots 05/27/2011

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