| Parking/Access outsi Field journals complisite sketch made on Check cover page | PCAP | _ | | Quality Control Form Ocieveland Metroparks |
|--|--|---------------|-----------|---|
| Field journals comple Site sketch made on | | | Plot No | 1261 Date Sampled: Borlow Lead: Bart |
| Field journals comple Site sketch made on | | | | 7-25-12 |
| Field journals comple Site sketch made on | | | | Comment required if item answer is NO |
| Site sketch made on | de of Park Boundaries: | Y | (N) | If yes, write details in Comments section below |
| | eted | L(Y) | N | |
| Check cover page | 1:3000 map? | Y | N | |
| | X-axis Bearing of plot recorded | (<u>Y</u>) | N | |
| | GPS coords. Recorded | | N | |
| | North direction recorded | Y | N | |
| | Photographs taken? | (Y) | N | |
| Plot No., Date agreer | nent on all pages? | | N | |
| Header data complete | ed all pages? | (Y) | N | |
| Cover classes recorde | ed in all Intensive modules | Y | N | |
| Browse Level By Spe | ecies | Y | N | |
| Woody stem quality | control check | Y | N | |
| Invasive plant quality | control check | Y | N | |
| Ash trees mapped | | Y | N | |
| Cover by Strata? (cor | ıfırm cover type) | (Y) | N | |
| Soil samples collecte | d with matching plot #. | Y | N | |
| Vouchers labeled on | datasheet with initials and number | Y | N | |
| Vouchers labeled on | collection bag | Y | N | |
| Pink flags removed | | (Y) | N . | |
| Data sheet QA before | leaving site? | Y | N | |
| Common equipment | | Y | N | |
| Data sheets scanned? | | 7/25 | 112 | Enter date to left NZ |
| Final data sheets scan | ned? | | | Enter date to left |
| Buffer Widths measu | | (Y) | N | KFL 6-29-12 |
| Web Soil Survey | | (Y) | N | TK 7-27-17 |
| Voucher Location | Refrigerator | Y | N | |
| # vouchers collected) | Press (#) | | | Enter number to left |
| , | Drier | Y | N | |
| | Identified | Y | N | |
| | Mounted | Y | N | |
| | Thrown away | Y | N | |
| | Timownaway | <u> </u> | | |
| CDTC point varifies | tion: Is plot sampleable? | | | |
| 3K1S point verifica | | | | |
| 1/4 | Original GRTS point is sampleable | | | |
| Yes | Original GRTS point lands in a non-si | | area (fi | ll in category below) |
| ∨ Yes □ No | Doint falls in a water (i.e. river, la | | | A of) |
| | Managed massed area (:15 | ourse, picnic | area, ngr | 1-01-way) |
| | ☐ Managed mowed area (i.e. golf co | | | |
| | | | | |
| | ☐ Paved area (i.e. parkinglot, road) | | | |
| □ No | Paved area (i.e. parkinglot, road) Unsafe to sample (i.e. steep slope) Other | | | |
| □ No | Paved area (i.e. parkinglot, road) Unsafe to sample (i.e. steep slope) Other | | direc | itly to plot. |
| □ No | Paved area (i.e. parkinglot, road) Unsafe to sample (i.e. steep slope) Other | | direc | itly to plot. |
| □ No | Paved area (i.e. parkinglot, road) Unsafe to sample (i.e. steep slope) Other | | direc | itly to plot. |
| □ No | Paved area (i.e. parkinglot, road) Unsafe to sample (i.e. steep slope) Other | | direc | itly to plot. |

| CVS Field Guide OVER | *Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide | Minimum required fields in Bold and Underlined |
|--|---|---|
| | □ Systematic (grid) □ Capture specific feature □ Other | Authority: G&C Pub Date: 1998 |
| | Random Stratified Random Transect component | TAXONOMIC STANDARD |
| | Plot placement: bGRTS - Representative | ichen |
| | Photo Nos.: 0/74 | У |
| 1. a V. Jeean 192/10 Boum N. G. Wanner | Camera No.: | vascul. X n/a |
| Fox Smilling Plant | Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED) | high modera. low not smpl |
| Hoch-Commun masulation, Allium to Gowall | Depth: (1-5): 4 | TAXONOMIC ACCURACY |
| SAND-LINDER DELEGIN FAGUS GLANGITON COM | X-axis Bearing of plot: | Hurried data |
| Sample on the property of the Manual of the Company | Plot size for cover data: Q,/ (hectares) | Accurate may still provide good |
| Ver. Ches Cincal App South and From From State | GPS File Name: 1261 A | Wery thorough how much effort put into |
| | Coord. Accuracy: w/m - ft +- | Effort Level: subjective evaluation of |
| Orational, CORTS Point | Longitude: 81.70239 | SAMPLING QUALITY* |
| | Latitude: 41, 2) 726 | □ Perm. water □ Paved □ Slope □ Safety |
| Tay, I, Baseline nows slightly opsions | $x = \bigcirc y = \bigcirc \text{ (base of plot } x=0, y=0)$ | PLOT NOT SAMPLED: |
| | GPS location in plot $x=0$ to 5, $y=-1,0,+1$): | * Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc. |
| Location Dist Pink Wints along Miking | Datum: ■ NAD83/WGS84 □ NAD27 | |
| | □ Other (specify) ■ m □ ft □ | G. Miller Special (west |
| Lower XX5 or ginal GRIS at (01) | ■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min | K. Lewis " |
| dominants, strata, BROWSE). Additional notes in space on back. | Coordinate system: Coord. Units | J. Pettit Woody/Scils |
| NOTES: Include Layout (any unusual shape details), Location (directions and landscape content), Rationale (why here), and Veg Characterization (description of community. | Source of coordinates MAP GPS | Z. Bacton Plot leader |
| | If data not public why? | Party Role** |
| GPS location photo taken | Reason: | End date (if > 1 day): / / |
| #2 #3 #4 #5 | □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m | Date (mm/dd/yyyy): / /25 / 12 |
| 1 2 1 2 WC | Check one: Public data Private Data | Level 5 (nested corners sampled) |
| | Data Confidentiality: | Level 4 (no nested corners sampled) |
| phot: #10 #9 #8 #7 #9 | er. CM | Plot No.: 1261 |
| 210 4 3 4 | Rivie Ares Func Trail about 700m. | (oct 6/18 7 |
| Coluly to boot of toils and | 5 | Plot Name: |
| I wang trail | Quadrangle: West Rich 4010 | Project Name: (2)Hi 2012 |
| | State: OH County: McOng | Project Label: PCAP |
| L | LOCATION | GENERAL INFORMATION |
| Data Sheet On British Room Page 1 of 2 Page 1 of 2 | CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet | CLEVELAND METROPARKS Plant Con |

| | | | | | | | | | | | | | Ni. | | J | |
|------------------------------|--|---|----------------------------|---------------------|--------------------------|------------|---------------------------|---------------|---------------|---------------|---------|-------|--------------------------------------|----------|--|----------|
| CLEVELAND MET Project Label: | CLEVELAND METROPARKS Plant Community Assessment Program Species Project Label: PCAP Project name: Q | nent Program Species Cover Data Project name: <u>O[H; 20/2</u> | les Cover Data 0/H:20/2 | ata Sheet 2a | | Plot no.: | 1281 | 2 | | | | Page | <u> </u> | oţ. | (- | <u>'</u> |
| Total modules: | 10 | Intensive modules: | 4 F | Plot configuration: | guratio | | 2×5 | | | Plc | t are: | a (ha | Plot area (ha): O, | | | ! |
| | Br = Browse Level. Use cover classes to describe amount of browse per species over | Estimate for each intensive module: | mod corner 2 4 depth cov | mod comer 2 2 | mod corner 3 3 depth cov | de the mod | corner mod 2 8 cov depth | depth → mod c | comer mod | od corner | v depth | | comer mod corner 4 9 2 cov depth cov | cov Come | r mod R depth | corner |
| Ofrata - Cov potiro plot | enure pioc | %unveg. ground (bare soil) | ٠ | | 0 | 27 | | - - | 2-40 | \mathbb{N} | | out | | | | |
| Т S H (F)(A)Вг | Species | c Voucher# | depth cov | depth cov | depth cov | v depth | COV | depth | < | oth | | 5 CO1 | depth | COV | depth | COV |
| \frac{1}{\infty}. | Aer soc | | œ | | | | 10000 | | 74 | 2.1 | | 9 | 92 | | | |
| CV ₄ | 10 | | 361 | 2 | 2 4 | | | | | 24 | | 9 | | | are resident | |
| 4. | Tilia americana | | 47 | | | | | | | _ | | | | | | |
| N | Acer seedlings | | 2 | W. | 2 | | | W | 23 | ~ | | N | - | | | |
| N | Allium tricoccum | | 221 | W | 7 | 7 | | | 7 | | 4 | D | - | | | |
| No. | a-Lapations pallida | | | | 7 | 2 | | | | | | | | | | |
| \ | Peer seedlings | | 32 | 7 | 1 | | | | + | + | | | | 1 | | |
| 72 | 7 | | W V | | 33 | 3 | | C | 22 | 2 | W | 1 | | | | |
| 12. | Liciodendron tulipitor | | 3 | | 22 | ~ | | | \mathcal{V} | $\overline{}$ | | | | | | |
| <i>\)</i> | Scanim maculatum | | 32 | | | 17 | N | 4 | W | - | 2 | P | | | | |
| N | Fraxiaus seedlings | | S | W | S | S | | 1 | 7 | | W | N | 1 | 28 | | |
| 2,2 | serot | | 44 | W | 2 | | | (v). | N | | | | W | W | 4 | |
| 742 | Q | | 700 | | 2 0 | エ | | | 2 | 7 | W | 7 | 1 | | | |
| 2 | Pelyanum Virginianum | | 72 | 2 | 22 | | | | - | | 40 | | - | | | |
| 2 | Matteuccia Struthroptors | | 22 | | | S | N | | | | C. 45. | | | | | |
| N | Actea alba | | 21 | | | | | | 1 | | | | 12 | N | | |
| 2 | 1 Ewaymys oboyatus | | 22! | | 1 | 2 | | S | 2 | | 4 | 12 | !_ | | | |
| 2 | xicodend | | 22 | 2500000 | 2 | 2 | | | | | | | | Thurs . | ST S | |
| 2 | Parthennoclasius puin | | として | 2 | 7 |)~ | | - | R 1 | 7 | ٢ | | | | | |
| ω, | Merica | | ーエー | | | | | | | | | | | | | |
| 2 | Arisaema to phyllun | | of, | 22 | 42 | ,0 | | | L | | | | | | | |
| N | Umus scedings | | 22 | 2 | | | | | 4 | k) | () | | 2 | 2 | and a | 1 |
| On. | Fraxinus Sp. | | - | ∞ | 23 | | | | | | 1 | 1 | - | | | |
| 2 | Palystichum accostichi | des | | 2 | 12 | | | | | | | | d | N | | |
| 2 | Querus scedlings | | | S | 7 | と | | | 10 | 2 | | | Ū | N | _ | |

| CLEVELAND M Project Label: | CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Project Label: PCAP Project name: O/H/120/2 | nent Program Speci Project name: | es Cover Dat 0/ <i>H</i> /20 | a Sheet 2a | Plot no.: 1261 | 197 | | Page | Page 2 of | lω |
|----------------------------|--|--|---------------------------------------|---|----------------|----------------|---------------------|-----------------|-------------------------------------|-------------|
| Total modules: | | Intensive modules: | Plo | Plot configuration: | ion: | | Plo | Plot area (ha): | | |
| • | Br = Browse Level. Use cover classes to | Estimate for each intensive module: | mod comer mod 2 4 2 depth cov depth | cov depth | cov depth c | core depth cov | comer mod comer | BE 2 및 | comer mod comer 4 9 2 cov depth cov | ar mod come |
| Metroparks | entire plot | %unvegetated open water %unveg. ground (bare soil) | - | | | <u> </u> | | 11 | | |
| Cov. ent | | %unve | 1 | | I | | | | | |
| 7 S H (F)(A) | Br Spe | c Voucher# | depth cav depth | 2 cov depth | depth | cov depth cov | v depth cov | depth cov | depth cov | depth cov |
| ۱ ر | Circaea lutetiana | | 12 | 1 | 7 | , - |))) - - | | | |
| 7 / | Deym canaderse | |) } | 7 / 1 | 2 | 1 | 1 / N |) | J | 2000 |
| | Alliaria petiolata | 7<8111 | 78 | 10 | 1 | | 1 | 2 | Ċ | |
| 2, | U/MIS 51/20 -051 D-16-17 | 7 | 141 | | | | | | | |
| 22 | و (| X ZSB/43 | 13! | | | | | 12 | | |
| 2 | 8. Aster lateriflorus | | 7 | | | | | 12 | | |
| 1 | L | | 1 1 | | | | | | | |
| 22 | 0,0 | | 12 | | | | | | 1507881301 | |
| 2 | 7-Comus racemosa So. | | 12 | | | | | 1 | | ė – |
| N | Rosa multitlesa | | | | 2 | | | | | |
| 2 | Tracella Cardifelia | | | 1 | 2 | | | | 22 | |
| J P | FYMUS VILLOSYS 4-25-12- | X Z5B144 | | | N | } } | | | | |
| 2.8 | Vibimum arecitation | | _ | | | | | | | |
| 200 | discot 2 | 64-0175 | | | | 82 | 132 | | | |
| | Callebry I'm I pali et cides | | | | | | 8 | 9 | , | |
| 2 | 7 | | | | | | 2 | | | |
| 2 | 5, | -4-2-01 | | Le | | 12 | 2 | | 27 | |
| | U. K. dicot 3 Presenthes Sp | 250/4-0176 | | | | | | | | |
| N | 15town VIII | | | | | | | | 32 | 1 |
| 2 | Leers in Virginia | | | | - | | | - W | | |
| J- | 2 2 | | | | | | | | | 7 |
| 1 | こうて しいしんしん | | | | | | _ | | | |

| CLEVELAND MET | CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a | nent Program Spec | es Cover Da | | | | | Page 3 | o W | 1 |
|---------------------------|---|------------------------------|-----------------|---------------------|-----------------|-----------------|--------------------|---------------------------|-----------|-----------------|
| Project Label: | PCAP | Project name: 0/H/2012 | DIHIGO | • | Plot no.: 126 | 18 | | | | |
| Total modules: | | Intensive modules: | ₽ | Plot configuration: | on: | | Plot area (ha): | ea (ha): | | |
| > | | | mod corner mod | comer mod | comer mod comer | тос | comer mod corner m | mod corner mod corner mod | | com |
| € | | Estimate for each | | | di e | | | - | ZD | Z |
| Tomal and | Br = Browse Level. Use cover classes to | Intensive module: | depth cov depth | cov depth | cov depth cov | depth cov | depth cov de | depth cov depth | cov depth | S S |
| Metroparks | describe amount of browse per species over entire plot | %unvegetated open water | 1 | | | | | | | 8 |
| , | | %unveg. ground (bare soil) | | | | | | - | | |
| Strata - Cov. entire plot | | %unveg. litter (bare litter) | _ | | | | | | | - |
| T S H (F)(A) Br | Species | c Voucher# | depth cov depth | cov depth | cov depth cov | depth cav depth | COV | depth cov depth | cov depth | co/ |
| 12 | Phalacis Aruntingere | ٠ | | | | | | | | N |
| 2 | Suzus | | | | | | 20 | | 7 | $ \mathcal{U} $ |
| 2 | Checkia Striata | | | U.S. | | | - 10 | | 7 | N |
| 2 | Solidago flexicaulis | | | | | | | | R , | N |
| 2 | Mitchella repens | | | | | | | | R | $ \mathcal{U} $ |
| 22 | | | | E | | | | | R | N |
| a | Un Known Peracease monost | | | | | | | | R | Q |
| 2 | | | | | | | | | R | $ \mathcal{U} $ |
| 12, | Ostova Virginiana | | | | | | | | 72 | 11 |
| 7, | Acer ruboum | | | | | | | | 7 | (N |
| | | | | | | | | | | |
| | | | | | | | 1192 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | [|
| | | | _ | | | | | | | |
| | | | | | | | | | | 1 |
| | | | | | | | 51,27 | | | |
| | | | | | | | | | | |
| | | | | | | | 0 | | | |
| | | | | 1111 | | | | | | |
| | | | | | | | THE STATE OF | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | 5 | | |
| | | | | | | | | | | - 1 |

ع 04 W W 2 2 2 mod # CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet W 12 ني 2 N Standing dead Acer saccharum Porthenocissus quinquetalio Ribes sp. Prunus serotina Fagus grandifolia Standing dead Fogus granditolia Rosa multiflora Acer saccharum Lindera benzoin Ribes sp. Viburnum acertatium Fagus grandifolia Explain subsample (additional room on back) Standing dead Acer Soccharum Lindera benzoin Ulmus rubra Ulmus americano Lonicerc morrowi Lindera benzoin Acer saccharum Fagus granditolia Fraxinus Sp species Project Label: PCAP SHI BSZ 25B143 voucher# # stems browsed 0-1.4m or super sample % sub Project Name: 6 H 2012 .. 77 7 口 clumps shrub # size class (cm) woody stems >1.4m 7 I D B P-<1 図 • : 1-<2.5 :: 2.5-<5 Plot No.: 126 .. 5-<10 10 - < 15 15 - <20 20 - <25 Page: 25 - < 30 30 - <35 으 © Cleveland Metropadks 35 - <40 6 42. 80 >40 (record each tree) á W =

| 5 | CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet | nt C | ommunity | Assessn | ent Pro | gram I | latural | Woody : | Stem Da | ta Shee | | | | | | | |
|-------|---|-----------|----------|---------|---------|---------------|--|-----------------------------------|---------------------------|----------------|------------|------|----------|-------|------|-----------|------------------------|
| | Project Label: | | PCAP | 1 | Project | Project Name: | 014,2012 | 2012 | • | Plot No.: 1261 | 1261 | | Page: | 2 | o. | 3 Clerels | © Cleveland Metroparks |
| | Explain subsample (additional room on back): | on bac | Š | | | | | | | - | | | | 1 | | | |
| | | \exists | | # stems | % sub | # | size class | size class (cm) woody stems >1.4m | dy stems : | >1.4m | | | | | | | |
| mod # | Species | n | voucher# | 918 | | shrub | 2-41 | 1-63.5 | ν η ₋ - Α η | | 10 615 | 15 6 | 7 - < 25 | 0 6 V | 8 Ot | 10 | >40 fracord each tree |
| ㅗ | Lonicera | | | | | | | | | | - | | | | | | |
| h | Lindera benzon | | | • | | • • | | | | | | | | | | | |
| S | \circ | | | | | | , 0 | | • | 6 | | | *0 | | - | | 42.5 |
| S | Fagus grandifolia | | | | | | 1: | 二版 | # | | | | | | | | 0 |
| S | Standing dead | | | | | | • | • | | | •, | | • | | | | |
| v | Betula allegheniensis | | | | | | | • | | | | | | | | | |
| (J | Lexing Sound Street | 0 | 9-12 | | | | | ۰ | | | | | | | | | |
| (I) | | W. | | | | | Service of the servic | | | | | | | | | | |
| ທ | Liviodendran tulipitera | | | | | | •• | | | | | | | | | | |
| N | Carya corditormis | | | | |) | | | | | | | | | | | September 1 |
| v | Rosa multiflora | | | A | 544 | | X | * | | | | | | | | | |
| B | Lindera benzein | SE SE | | | 1 | | | | | | | | | | | | |
| 6 | Fagus grandifolia | | | | | | | 口拉 | | | | | • | | | | 47.650.4 |
| 6 | Acer saccharum | | | | | | • | • | • • | 12 | • | | | | | | |
| 6 | Lindera benzoin | | | | | *; | | | | | | | | | | | |
| 7 | Standing dead | | | | | | | | | | | | | | | | |
| 1 | Fagus grundufolia | | | | | | বে | :: Ø: | | , | • | | | | | | |
| 7 | Acer saccharum | | | • | | | | : | | 77 | | | | | | | |
| 1 | Acer rubrum | | | | | | | | | | • | | | | | | |
| 00 | Fagus grandifolia | | | | | 100 | | • • | | | | | | | | | 8.24 0.8h |
| တ | Acer seccharum | | | | | | | 0 | • | 0.0 | | | | | | | |
| 00 | Standing dead | | | | | | | | | | | | | | | | |
| Qr. | Cornus sp. | | | • | | | | 7 | | | | | | | | | |
| 00 | Lindera benzain | | | | | • | | | | | The second | | | | | | |

| | | Project Label: PCAP Project Name: 014,2012 Plot No.: | ֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓ | PCAP | | Project | Name: | Project Name: 01 H, 2012 | 210 | | Plot No.: 126 | 1261 | | Page: | W | ٩. م | Clevels | Cleveland Metroparks |
|--|---------|--|---------------------------------------|----------|-------------------|---------|-------|--------------------------|-----------|-------------|---------------|------|---------------|-------|------|---------------|----------------|------------------------------|
| Page Section Control Section Control Control | | Explain subsample (additional room | - s | ack): | # stems | % sub | | size class (| (cm) wood | y stems > | 1.4m | | | | | | | |
| 9 Facyus Grandifelia C. | moc | | c | voucher# | 0-1.4m browsed | | | 0-<1 | 2 1-<2.5 | 3 2.5-<5 | 4 5-<10 | <15 | 6 15 - <20 | | <30 | 9 30 - <35 | 10 35 - <40 | 11 >40 (record each tree) |
| 9 Linkly a benesin 9 Cernus Sp. 10 Aver Saccharum Vulgare 10 Frank grandialia. 10 Lindero benesin 10 Lindero benesin 10 Lindero benesin 11 Linedandron tulipidea. 11 Linedandron tulipidea. 12 Linedandron tulipidea. 13 Linedandron tulipidea. | 9 | Acer | | | | - | _ | | - | • | 9.6 | • 6 | | 7 | 1211 | | . 0 | 51.2 |
| 9 Carques Sp. 9 Carques Sp. 9 Carques Sp. 9 Ligger Saccharum 10 Faques groudifation 10 Carques groudifation 10 Lindera beazoin 10 Lindera beazoin 10 Liriodendon talipitare 11 Liriodendore talipitare 12 Liriodendore talipitare 13 Liriodendore talipitare 14 Liriodendore talipitare 15 Liriodendore talipitare 16 Liriodendore talipitare 17 Liriodendore talipitare 18 Liriodendore talipitare 19 Carques Serothan | 9 | Fagus | | | | | | | | | • | | | | | | | |
| 9 Ligustrum vulgare 9 Ligustrum vulgare 10 Azer Saccharum 10 Enayus grachielia 10 Standing dead 10 Lindera beazoin 10 Carnus Sp. 10 Liriodandran tulipitara 11 Liriodandran tulipitara 12 Liriodandran tulipitara 13 Liriodandran tulipitara 14 Liriodandran tulipitara 15 Liriodandran tulipitara 16 Liriodandran tulipitara 17 Liriodandran tulipitara 18 Liriodandran tulipitara 19 Liriodandran tulipitara 10 Paunus serotin a 10 Liriodandran tulipitara 10 Liriodandran tulipitara 10 Liriodandran tulipitara 11 Liriodandran tulipitara 12 Liriodandran tulipitara 13 Liriodandran tulipitara 14 Liriodandran tulipitara | ۰ | Linder | | | | | ກ | 1 | | | | | | | | | | |
| 9 Liquistrum subjects 10 Acer Saccharum 10 Fragus granditation 10 Chanding decad 10 Lindera beazoin 10 Cermus sp. 11 Liriodandron talipitera 11 Liriodandron talipitera 12 Liriodandron talipitera 13 Liriodandron talipitera 14 Liriodandron talipitera 15 Liriodandron talipitera 16 Liriodandron talipitera 17 Liriodandron talipitera 18 Liriodandron talipitera 19 Liriodandron talipitera 10 Paunus serotina 11 Liriodandron talipitera 11 Liriodandron talipitera 12 Liriodandron talipitera 13 Liriodandron talipitera 14 Liriodandron talipitera 15 Liriodandron talipitera 16 Liriodandron talipitera 17 Liriodandron talipitera 18 Liriodandron talipitera | Table 1 | Carnus | | | | | | | | | | | | | | | | |
| 10 Acer Saccharum 10 Fagus grandialia 10 Standing deed 10 Lindera benzoin 10 Carnus sp. 10 Liriodendron tulipitera 1 Liriodendron tulipitera | a | Ligustrum | | | | | • | | | | | | | | | | | 38. |
| 10 Fragus granditation 10 Cornus Sp. 10 Linidera benzoin 10 Circus Sp. 10 Franks reaction 1 Linideandran talipitan | _ | Acer Sauch | | | | | | | - | 7 | • | • | | | | | | |
| to Lindera benzoin to Carnus sp. to Liriodendron talipitera. the private talipitera. the private talipitera. | | Facus | | | | | | | | • | | | | | | | | 60,2 |
| lo Cornus sp. 10 Liriodendron talipitera 1 Liriodendron talipitera 1 Liriodendron talipitera | 8 | Standi | | | | | | | • | | | | | | | | | |
| Carnus sp. Liriodendron talipitera Prunus serotina Liriodendron talipitera | _ | Linderca | | | | | p | | | | | | | | | | | |
| Prunus Ferchina Liriodendron tulipitera Liriodendron tulipitera | 10 | Cornus | | | 2. | | | | | | | | | | | | | |
| Prunus serotina Liriodendren tulipifera | = | Liriodendron | 2 | | : | Ī | R | ar. | | 20 | | | | | | | | |
| Liriodendren talipitera | 15 | Prunus | | | * | | | | | | | | | | | | | |
| | | Liriodendyon tulipiter | 2 | | • | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | 3/2 | | | | | | | | | | | | | | | | THE STATE OF | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | 200 (20020) | | |
| | 55 | | | | | | | | | | | | | | | | | |
| | Γ | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface

Project Label: PCAP Project Name: O H; 20/2 Project Label: PCAP Project Name: _ 0

Plot No.:

1261

(Chessel and Metropartos Page: 1 of 1

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

| | | Module # |
|--|--|---------------|
| | | C? |
| | | Corner Corner |
| | | Corner |

| CLASSIFICATION | | | |
|--|----------|-------|--|
| FIT = excellent, g Fit and Confidence | | | |
| lydrogeomorphic class (WETLANDS ONLY): | | | |
| DEPRESSION | Ele I | Conf= | |
| IMPOUNDMENT Beaver Blumm | H | Conf= | |
| RIVERINE - Headwater - Mainstein - Channel | File | Conf= | |
| SLOPE (ground water hydrology or on a physical stop) | 7 | Conf= | |
| FRINGING - Reservoir - Natural Lake | Film | Conf= | |
| COASTAL (specify subclass) | Fil= | Conf= | |
| BOG (strongly, moderately, weekly ombrotrophic) | Fit= | Conf= | |
| Dhio EPA VIBI Plant Community Class (WETLANDS ONLY): | SCAN | | |
| FOREST = swamp forest = bog forest = forest seep | Fii= | Conf= | |
| EMERGENT a marsh a wet meadow a open bog | 王 [| Conf= | |
| SHRUB a shrub swamp a tall sh. bog a tall sh. fen | Fit= | Conf= | |

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

lope 1 = slight elevational grade across module (hill) anks for microhabitat features. Select one or select two and average the score.NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) to begin + any features persent 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

| | a | W | 2 | mod# | | | | | | |
|----|-----|----|-----|---------|------------|---------|-------------------|-------------|------------|---|
| | | | | cerner | | | | | | |
| 0 | 0 | 0 | 0 | (count) | lxim | depth 3 | | tussocks | no of | |
| 0 | | | 0 | (count) | 3.16x3.16m | depth 2 | uplands (Tip-Ups) | hummocks | no of | |
| 2 | | 12 | 0 | (count) | 10x10m | depth 1 | | depressions | по, тасто. | |
| 12 | - W | -6 | | (count) | 10x10m | depth 1 | | (2-12 cm) | c.w.d | c.w.d cou |
| 0 | 0 | Si | 6 | (count) | 10x10m | depth 1 | | (12-40cm) | c.w.d | nt for pieces with |
| | | 6 | Q | (count) | 10×10m | depth 1 | | >40 cm | c.w.d | c.w.d count for pieces with minimum 1m length |
| W | ᅩ | T | نر) | (rank) | 10x10m | depth 1 | | interspers. | microhab. | 3 |
| | - | | | (rank) | 10×10m | SLOPE | | | microhab. | |

McNAB INDICES (degrees) + for up - for down

[FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD]

| +315 douroes | +270 degrees | +225 degrees | +180 degrees | +135 degrees | +90 degrees | +45 degrees | At aspect | |
|--------------|--------------|----------------|------------------|--------------|------------------|-------------|-----------------|-------|
| WN | W | SW | s | SE | Ħ | NE | Z | |
| | | | | | | | | Th1, |
| | | | | | | | | 151** |
| | away | es e of person | recorders eye to | TSI measure | angles formed by | plot to the | LFI is angle of | |

Landform Index (position within landscape)

** Terrain Shape Index (site microtopographic shape)

CROWN COVER (DENSIOMETER): Make 4 readings per module facing N. S. E. W. Place dot count in corresonding space (4 dots per grid square)

| 9 | 8 | 3 | 2 | Nodule |
|---|---|-----|---|--------|
| 2 | - | 1.9 | 5 | z |
| | | 2 | | s |
| _ | _ | 2 | W | E |
| 2 | 2 | 2 | 4 | ₩ |
| 3 | | | | |

CLEVELAND METROPARKS Plant Community Assessment Program - Solls, Crown Cover, Standing Biomass Data Sheet 6a
Project label: PCAP Project Name: 0 | H , 20 | 2

(C) Gloveband Metroparks

Page: 1 of 1

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

Soil pit module # (one per entire plot)

| | | | | | | | 20 cm | | | | | | | 5 cm |
|---|-----------------|------------------|----------|------------|---------|--------------|--------------|----------------|------------------|----------|------------|---------|--------------|--------------|
| | hydro. cond.*** | redox features** | texture* | oxid roots | %mottle | mottle color | matrix color | hydr. cond.*** | redox features** | texture* | oxid roots | %mottle | mottle color | matrix color |
| (| I S M D | Y | 2 | Υ Z | 0 | Z/A | 1048 4/4 | I S M | K N | - (| Y N | 0 | N/A | 104R412 |
| | | | | | | | | | | | | | | |

* refer to texture classes on reverse side

** e.g. hydrogen sulfide odor, gleving, etc.

*** Circle one:
|=indundated S=saturated M=moist D=dry
|Notes: include evidence of earthworms (worms. castings, middens)

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

| □ Impermeable surface | □ Well drained □ Moderately well dr. Somewhat poorly dr. □ Very poorly dr. | Br. | DINEMGO | Parent Material TTU | Landform type: Till Plains | Soil Series Source: Ohio Soil Survey | Soil Series Type: Male Hahan my 5! 1+ 1000m | Welnsolt-Street Private hallons | 2,3,8,9 composited A | Soil Collection ModuldHorizon (A, B, C) |
|-----------------------|---|-----|---------|---------------------|----------------------------|--------------------------------------|---|---------------------------------|----------------------|---|

テ ナーナルーナ

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

| | | | 1005 | |
|-----|-----------------------|-----|------|------------------------------------|
| ۵ | $\boldsymbol{\omega}$ | دی | 2 | mod# |
| 3.2 | 2.7 | 0.8 | 2.5 | 1 litter+ organic depth (cm) |
| 3.2 | 2.7 | 8,0 | 2.5 | 2 litter depth (cm) |
| 0 | 0 | O | 0 | water depth (cm) |
| >30 | >30 | >30 | >30 | depth sat |

| **** <5 cm in diameter Other | *** >5 cm in diameter Road/Trail | **Boulder => 10 in Bare Soil | • Gravel-Cobble = 1/16-10" Water | Bedrock Bryophyte- Lichen | Boulder** Duff (Ferm.+ Humus) | Gravel-Cobble* 2 Litter | Mineral Soil 98 Fine Woody Debris**** | Histosol Coarse Woody Debris*** | (Sum = 100%) percent (Each ≤ 100%) | Underlying Earth Surface* Ground Cover | EARTH SURFACE & GROUND COVER |
|------------------------------|----------------------------------|------------------------------|----------------------------------|---------------------------|-------------------------------|-------------------------|---------------------------------------|---------------------------------|------------------------------------|--|------------------------------|
| 0 | 8 | 10 | 0 | | 0 | 73 | 14 | ∞ | percent | | |

| COVER BY STRATA estimate using midpoid | COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13 | %,ex:3, 8, 13 |
|--|---|-----------------|
| Strata | Height Range (m) | Total Cover (%) |
| Tree | 5 - X | 93 |
| Shrub | 0.5.5 | 48 |
| Herb | y -0.5 | 81 |
| (Floating)* | ē. | |
| (Aquatic)* | • | |
| * rooted and fit | rooted and floating or slightly emersed | sed |

| N Deer | □ Gravel | Bootleg unsanctioned | Hiking sanctioned | Bridle | All Purpose | Туре | record type and cover for each | TRAIL INFORMATION: | |
|--------|----------|----------------------|-------------------|--------|-------------|--------|--------------------------------|--------------------|--|
| _2 | | 4 | | | | %Cover | ich | | |

| | | | | | | Tro | |
|---------------|-------------------|--------------------|--------------------|---------------------|--------------------|------------|--|
| □ < 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 | STAND SIZE | |
| | | | | | | | |

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

** submersed, most plant mass below surface

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



| Tier 1: Early detect | ion/Rapid response | | | Pre | sence | | GPS | |
|---------------------------------|----------------------------|-----------|-------|------|----------|----------|---------------|-------------|
| | | SMS TOR | NE | SE | SW | NW | | Presence |
| Microstegium vimineum | Japanese stiltgrass | 100 | | | | | | X: yes |
| Ranunculus ficaria | Lesser Celandine | | | | | | | |
| | ne) Black Swallow-wort | | | | | | , , , | |
| | nd) Flowering Rush | | | | | | | 7 |
| Heracleum mantegazzianum | Giant Hogweed | | | | | | | |
| | ss as Needed | | | # af | Plants | A ST | comments | |
| | | LA VALUE | NE | SE | SW | NW | | # of Plants |
| Acer platanoides | Norway Maple | | | | | | | 1: 1-10 |
| Ailanthus altissima | Tree of Heaven | | | | | | | 2: 11-50. |
| Lonicera japonica (vi | ne) Japanese Honeysuckl | e | | | | | | 3: 51-100 |
| Lythrum salicaria (wetla | | | | | | | | 4: 101-1,00 |
| Aegopodium podagraria (G-cov | | | | - | | | | 5: >1,000 |
| Celastrus orbiculatus (vi | | | | | | | 9 1 5 | - |
| Torilis sp. | Hedgeparsley | | | | | | | |
| Conium maculatum | Poison Hemlock | | | | 1 | | | |
| Rhamnus cathartica | Common Buckthorn | (shrub) | | | | | | 7 |
| Berberis thunbergii | Japanese Barberry | (shrub) | | | \vdash | | | |
| Alnus glutinosa | European Alder | 1 | | | | | | |
| Dipsacus laciniatus | Cut-leaf Teasel | | | | † | | | 1 |
| Elaeagnus umbellata | Autumn Olive | (shrub) | | | T | | | 7 |
| Lonicera maackii | Amur Honeysuckle | (shrub) | | | | 1 | | 1 |
| Euonymus fortunei | Wintercreeper | (=:/ | | 1 | | <u> </u> | | |
| | e is of Interest | TARKS. | di di | # of | Plants | | comments | |
| | | | NE | SE | sw | NW | | # of Plants |
| Convallaria majalis (G-cov | er) Lily of the Valley | | | | | | · | 1: 1-10 |
| | ver) Crown Vetch | | | | | | | 2: 11-50. |
| Eleutherococcus pentaphyllus | Five-leaf Aralia | (shrub) | | | | | | 3: 51-100 |
| Pachysandra terminalis (G-cov | | | | | | | | 4: 101-1,00 |
| Philadelphus coronarius | Mock Orange | (shrub) | | | | | | 5: >1,000 |
| Pulmonaria officinalis (G-cov | | | | | | | | * |
| Rubus phoenicolasius | Wineberry | | | | | | | 7 |
| ris pseudacorus (wetla | | | | | | | | 7 |
| Ornithogalum umbellatum | Star of Bethlehem | | | | | | | 7 |
| Viburnum opulus var. opulus | European Cranberry | (shrub) | | | | | | 7 |
| Viburnum plicatum. | Doublefile Viburnum | (shrub) | 7 | | | | | |
| | ad and abundant | SALES SEE | | Pre | sence | | comments | |
| | Constitution of the second | | NE | SE | SW | NW | | Presence |
| Alliaria petiolata | Garlic Mustard | | 13 | | 2 | 2 | | X: yes |
| Ligustrum vulgare | Common Privet | (shrub) | | | | | | |
| L. morrowii, L. tatarica | Bush Honeysuckles | (shrub) | 4 | 2 | 1 | 23 | | |
| Phalaris arundinacea | Reed Canarygrass | | 1 | | | | 5RE 10-23-12- | |
| Phragmites australis (wetlar | | | | | | | | |
| Polygonum cuspidatum | Japanese Knotweed | : 2 | | | | | | |
| Frangula alnus | Glossy Buckthorn | (shrub) | | | | | | |
| Rosa multiflora | Multiflora Rose | (shrub) | 20 | 1 | 3 | 2 | | |
| Typha angustifolia, T. x.glauca | Cattails (wetland) | | | 1, | | | | 7 |
| Cirsium arvense | Canada thistle | | | | | 1 | | |
| Dipsacus fullonum | Common Teasel | | | | | | | 7 |
| Hesperis matronalis | Dame's Rocket | | | | | | All the | 7 |
| riespens matronans | | | | | | | | |

Note: For Ground-cover plants record "stem #" but in comment field describe # of colonies and patch size (S,M, L)

| • | | | (49) | (E) | | Q. | FOI | RM B-1: | BUFF | ER | SAI | MPL | E P | LOT | 'S (F | | | Reviewed | | al): | | • |
|----------------------------------|--------------------------------|------------|---------------------|-----------------|----------|-------|---------------------|-----------------------------|--|----------|------------------------------|----------|----------|---------|-----------|-----------------------------------|------------------------------|----------|-------------|----------|----------|----------|
| Site | ID: | PC | AF | PH | 11 | 26 | | | | | | | | | DATE | ∷ | 125 | ے ا | 20 | .(| 7 | |
| Locati | on: | | | | | | | | Fill | in b | ubb | le(s | if p | lot(s | s) cou | uld not be | sample | d and | d flag | > | | |
| OAA | Center | С | N | <u>@</u> | S | O | ≣ 0 | W | | lot | | _ | Plot | | - | Plot 3 | | | | | | |
| Fill in bubble Strata Section | es for all th on: Fill in a | nat app | ply: Ca priate o | nopy cover o | Type: | D = E | eciduou for eacl | s; E = Evergre | Buffer en. Leaf T or each plo | ype: E | 3 = Bro | oadlea | ; N = I | Needle | e Leaf. A | Absent: No tree oderate(10-40° | e canopy. %); 3 = Heav | ry (40-7 | 5%); 4 = | · Very I | Heavy | (>75%) |
| Buffer | Canopy | у Тур | e: 🗿 | (E |) AI | bsen | t: () | Buffer | Canop | у Тур | e: (|) (E |) At | sent | : O | Buffer | Canopy | Type: | (| A | bsen | t: () |
| Plot 1 | Lea | f Typ | e: 🌘 |) (| | | Flag | Plot 2 | Lea | f Typ | e: <table-cell></table-cell> |) (|) | | Flag | Plot 3 | Leaf | Туре: | () | D | | Flag |
| Big Trees (> | 0.3m DBH) | 0 | 0 | 2 | 0 | 1 | | Big Trees (> | 0.3m DBH) | 0 | 0 | 0 | @ | 0 | | Big Trees | (>0.3m DBH) | 0 | D @ | 0 | 0 | |
| Small Trees (< | :0.3m DBH) | 0 | 0 | ② | @ | 0 | | Small Trees (| <0.3m DBH) | 0 | 0 | 2 | @ | 0 | | Small Trees | (<0.3m DBH) | 0 | 0 | 0 | 0 | |
| Woody Shrubs (0.5m- | s, Saplings -5m HIGH) | 0 | 0 | (4) | 0 | 0 | | Woody Shrub (0.5rr | s, Saplings -5m HIGH) | 0 | 0 | (2) | @ | 0 | - h | | ubs, Saplings im-5m HIGH) | 0 | 0 0 | 0 | @ | |
| Woody Shrubs (<0. | s, Saplings .5m HIGH) | 0 | @ | (2) | 0 | 0 | | Woody Shrub (<0 | s, Saplings I.5m HIGH) | 0 | ② | 0 | 0 | 0 | | | bs, Saplings <0.5m HIGH) | 0 | <u></u> | 0 | 0 | |
| Herbs, F | orbs and Grasses | 0 | 1 | 0 | 0 | 0 | | Herbs, I | Forbs and Grasses | 0 | @ | 0 | 0 | 0 | | Herbs | Forbs and Grasses | 0 | 3 | 0 | 0 | |
| Bare | ground | 0 | (4) | 0 | 0 | 0 | | Bare | ground | 0 | (| ① | 0 | 0 | | Bar | e ground | 0 | 3 | 0 | 0 | |
| Litt | ter, duff | 0 | 0 | 0 | 0 | 0 | | Lit | ter, duff | 0 | 0 | 2 | 0 | | | L | itter, duff | 0 | D (2 | 0 | 0 | |
| | Rock | 0 | (| (2) | 0 | 0 | | | Rock | ② | 0 | ② | 0 | 0 | | | Rock | 0 | D (2 | 0 | 0 | |
| | Water | (4) | 0 | 0 | 0 | 0 | | | Water | (| 0 | 0 | 0 | 0 | | | Water | (| D C | 0 | 0 | |
| | ibmerged egetation | (| 0 | ② | 0 | 0 | | | ubmerged egetation | @ | 0 | ① | 0 | 0 | | | Submerged Vegetation | (|) (| 0 | 0 | |
| Stress | or Pres | sence | e/Ab | send | e - | Confi | rm that | a filled data | bubble i | ndica | tes pi | esen | e an | d an | unfilled | bubble indi | cates abse | nce by | filling | his bu | bble. | @ |
| Resi | dential | and | Urba | an S | tres | sors | | | Hydrolo | gy S | tres | sors | | | | Complete. | Agricultu | ral & | Rural | Stre | ssors | 3 |
| Fill bubble | if prese | ent - I | Plot | 1 | 2 | 3 | Flag | Fill bubble | e if prese | ent - I | Plot | 1 | 2 | 3 | Flag | Fill bubble | e if presen | t - Plo | t 1 | 2 | 3 | Flag |
| Road - gra | evel | | | 0 | 0 | 0 | - 10 | Ditches, C | hanneliza | ation | | 0 | 0 | 0 | | Pasture/Ha | ay | | C | 0 | 0 | |
| Road - two | lane | Mr. 18 | | 0 | 0 | 0 | | Dike/Dam/ (IMPEDE FLO | | Bed | | 0 | 0 | 0 | | Range | | | C | 0 | 0 | |
| Road - fou | ır lane | | | 0 | 0 | 0 | | Water Lev | el Contro | l Stru | cture | 0 | 0 | 0 | | Row Crops | | | C | 0 | 0 | |
| Parking Lo | ot/Pavem | ent | | 0 | 0 | 0 | | Excavation | ı, Dredgir | ng | | 0 | 0 | 0 | | Fallow Fiel ROW CROP FIEL | .D) | | C | 0 | 0 | |
| Golf Cours | se | | | 0 | 0 | 0 | - | Fill/Spoil B | | | | 0 | 0 | 0 | | Fallow Fiel SHRUBS, TRE | | vss, | C | 0 | 0 | |
| Lawn/Park | • | | | 0 | 0 | 0 | | Freshly De (UNVEGETAT | | Sedim | nent | 0 | 0 | 0 | | Nursery | | | C | 0 | 0 | |
| Suburban | Residen | tial | | 0 | 0 | 0 | | Soil Loss/F | | osure | | 0 | 0 | 0 | | Dairy | Ministra | | C | | 0 | |
| Urban/Mul | ltifamily | - 200 | | 0 | 0 | 0 | | Wall/Ripra | р | Ш | | 0 | 0 | 0 | | Orchard | | | C | | 0 | _ |
| Landfill | | | | 0 | 0 | 0 | | Inlets, Out Point Sour | | | | 0 | 0 | 0 | | Confined A | | ding | C | | 0 | |
| Dumping | | | | 0 | 0 | 0 | | (EFFLUENT C | RSTORM | VATER | (3) | 0 | 0 | 0 | | Rural Resi | dential | | C | 1 | 0 | _ |
| Trash | | | | 0 | 0 | 0 | | (SHEETFLOW | | при | | 0 | 0 | 0 | | Gravel Pit | | | C | | 0 | |
| Other: | | | | 0 | 0 | 0 | | Other: | - 10- | | | 0 | 0 | 0 | | Irrigation | | | C | | 0 | |
| Other: | | | | 0 | 0 | 0 | | Other: | | | | 0 | O | 0 | | Other: | | | <u> </u> | 0 | 0 | |
| Indu | strial D | evel | opm | ent S | Stres | SOF | 8 | | | | | | labit | tat/V | egeta | tion Stress | sors | | | _ | | |
| Fill bubble | if prese | ent - I | Plot | 1 | 2 | 3 | Flag | Fill bubble | if prese | nt - F | Plot | 1 | 2 | 3 | Flag | Fill bubb | le if prese | nt - Pl | ot 1 | 2 | 3 | Flag |
| Oil Drilling | | | | 0 | 0 | 0 | | Forest Clea | r Cut | | | 0 | 0 | 0 | | Herbicide U | lse | | C | 0 | 0 | |
| Gas Wells | | | | 0 | 0 | 0 | | Forest Sele | ctive Cut | | | 0 | 0 | 0 | | Mowing/Sh | rub Cutting | | C | 0 | 0 | |
| Mine (surf | ace) | | | 0 | 0 | 0 | | Tree Planta | skinder in the second | 43 | May. | 0 | 0 | 0 | | Trails | | | C | 0 | 0 | |
| Mine (und | erground | 1) | | 0 | 0 | 0 | | Tree Canop (INSECT) | | | 1 | 0 | 0 | 0 | | Soil Compa (ANIMAL OR H | | | С | 0 | 0 | |
| Military | | | | 0 | 0 | 0 | | Shrub Laye (WILD OR DO) | MESTIC) | N. | 42) | 0 | 0 | 0 | | Offroad veh | | | C | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Highly Graz (OVERALL <3" | HIGH) | | | 0 | 0 | 0 | | Soil erosion OR OVERUSE | | D, WATE | R, C | 0 | • | |
| Other: | | | | 0 | 0 | 0 | | Recently Bu Canopy | imed For | est | | 0 | 0 | 0 | | Other: | | | _ C | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Recently Bu (BLACKENED) | ırned Gra | esslar | nd | 0 | 0 | 0 | | Other: | | | _ C | 0 | 0 | |
| | eg codes: uffer San | | | | /27/ | Exp | | | | | | | | | igned b | y each field c | rew. | 24 | 4281 | 5830 | 4 (| • |

| | | | | _ | | | | | | | _ | | | | | | | | | | | | |
|---|---------------------------|------------|---------|----------|------------|-------------|--------------------------------------|----------------------------|---------------------------|-----------------|-------------|------------|---------|--------------------|----------|-----------------------------|-----------------------------|---------|------------|----------|------------|------------|-------|
| | | | | | | | FO | RM B-1: | BUFF | ER | SAI | MPL | ΕP | LO | | | | | ved by | | | (| |
| Site ID: PCAP H: 1264 Location: O AA Center O N O S ● E O W O Plot 1 O Plot 2 O Plot 3 Buffer Natural Cover Strata Fill in bubbles for all that apply. Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy. Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2=Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy Buffer Canopy Type: Absent: O Buffer Plot 1 Leaf Type: Absent: O Flag Plot 2 Leaf Type: Absent: O Flag Plot 3 Leaf Type: Absent: O Strata Type: O Canopy Type: O C | | | | | | | | | | | | | | | Z | | | | | | | | |
| Locati | on: | | - | | | | | | Fill | in b | ubb | le(s |) if p | lot(| | | | | | | | Π | |
| OAA | Center | C | N | 0 | S | (9) | E C | W | OF | lot | 1 | 0 | Plot | 2 | 01 | Plot 3 | | 511 | | | | | |
| Fill in hubbl | or for all t | hat an | nhe Ce | 10001 | Timo | D = 1 |) ociduo | | | | | | | | | Abcost: No tro | | | | | | | |
| | | | | | | | | | | | | | | | | | | avy (40 | -75%) | ; 4 = \ | ery H | eavy (| >75%) |
| Buffer | Canop | у Тур | e: 🙋 | |) A | bsen | t: O | Buffer | Canop | у Тур | e: 🀠 | |) AI | bsen | t: () | Buffer | Canopy | / Тур | e: 🙆 | (E) | Ab | sent | : O |
| Plot 1 | Lea | f Typ | e: 🍕 | (|) | | Flag | Plot 2 | Lea | f Typ | e: 📵 | D C |) | | Flag | Plot 3 | Leaf | Тур | e: 🐠 | <u>\</u> | , | | Flag |
| Big Trees (| >0.3m DBH | 0 | 0 | | 3 | 0 | | Big Trees (> | 0.3m DBH) | 0 | 0 | 0 | (3) | 0 | | Big Trees | (>0.3m DBH) | 0 | 0 | 0 | 0 | 0 | |
| Small Trees (| <0.3m DBH | 0 | 0 | 2 | 0 | 0 | | Small Trees (| <0.3m DBH | 0 | 0 | 0 | 0 | | | Small Trees | (<0.3m DBH) | 0 | 0 | 0 | 0 | (2) | |
| Woody Shrub: (0.5m | s, Saplings -5m HIGH) | 0 | 0 | ② | (3) | 0 | | Woody Shrub (0.5m | s, Saplings -5m HIGH) | 0 | 0 | (| 0 | 0 | | | ibs, Saplings m-5m HIGH) | | 0 | (| 0 | 0 | |
| Noody Shrub: (<0 | s, Saplings I.5m HIGH) | | 0 | @ | 0 | 0 | | Woody Shrub: (<0 | s, Saplings).5m HIGH) | 0 | (| 0 | 0 | 0 | | Woody Shru | bs, Saplings 0.5m HIGH) | | @ | 0 | 0 | 0 | |
| Herbs, F | orbs and Grasses | | 0 | 0 | (| 0 | | Herbs, f | orbs and Grasses | 0 | (| 2 | 0 | 0 | | Herbs, | Forbs and Grasses | 11 0 3 | (1) | 2 | 0 | 0 | |
| Bare | ground | (| 0 | 3 | 0 | 0 | | Bare | ground | 0 | (| 0 | 0 | 0 | | Bar | e ground | 0 | 0 | 0 | 0 | 0 | 247 |
| Lit | ter, duff | 0 | 0 | 0 | 0 | 0 | | Lit | ter, duff | 0 | 0 | 2 | 0 | (3) | | L | itter, duff | 0 | 0 | 0 | 0 | 0 | |
| | Rock | (1) | 0 | 2 | 0 | 0 | | | Rock | (| 0 | 0 | 0 | 0 | | | Rock | 0 | @ | 0 | 0 | 0 | |
| | Water | (b) | 0 | 0 | 0 | 0 | | | Water | 0 | 0 | 0 | 0 | 0 | | | Water | (3) | Ō | 0 | 0 | 0 | |
| | ubmerged egetation | | 0 | (2) | 0 | 0 | | | bmerged egetation | 0 | 0 | 0 | 0 | $\overline{\odot}$ | | | Submerged Vegetation | | 0 | 0 | 0 | O | |
| | | 1 | e/Ab | send | | Conf | irm that | | | - | | | | d an | unfilled | l bubble indic | | | | | | | 9 |
| Resi | dential | and | Urba | an S | tres | sors | | | Hydrolo | gy S | tres | sors | | | W.EL | | Agricult | ural | & Ru | ral S | tres | sors | |
| Fill bubble | e if pres | ent - I | Plot | 1 | 2 | 3 | Flag | Fill bubble | e if prese | ent - I | Plot | 1 | 2 | 3 | Flag | Fill bubble | if preser | nt - P | lot | 1 | 2 | 3 | Flag |
| Road - gra | | 0 | 0 | 0 | | Ditches, C | hanneliza | ation | | 0 | 0 | 0 | | Pasture/Ha | V | | | 0 | 0 | 0 | | | |
| Road - tw | o lane | | | 0 | 0 | 0 | | Dike/Dam/ | | R Bed | | O | 0 | 0 | | Range | | | | O | 0 | 0 | |
| Road - fou | ır lane | | | 0 | 0 | 0 | | Water Lev | | l Stru | cture | | 0 | 0 | | Row Crops | | | | 0 | 0 | 0 | |
| Parking Lo | ot/Paven | nent | | 0 | 0 | 0 | | Excavation | , Dredgii | ng | la e | 0 | 0 | 0 | | Fallow Field | | RESTI | NG | 0 | 0 | 0 | |
| Golf Cour | se | V. | | 0 | 0 | 0 | | Fill/Spoil B | | | | 0 | 0 | 0 | | Fallow Field SHRUBS, TRE | d (OLD - GR | ASS, | | 0 | 0 | 0 | |
| Lawn/Parl | k | | | 0 | 0 | 0 | | Freshly De (UNVEGETAT | | Sedin | nent | 0 | 0 | 0 | | Nursery | THE RES | | | 0 | 0 | 0 | |
| Suburban | Residen | itial | | 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 | 0 | |
| Landfill | | | | 0 | 0 | 0 | | Inlets, Out | | | | 0 | 0 | 0 | | Confined A | | eding | | 0 | 0 | 0 | |
| Dumping | | | | 0 | 0 | 0 | | Point Sour (EFFLUENT C | RSTORM | | | 0 | 0 | 0 | | Rural Resid | dential | | | 0 | 0 | 0 | |
| Trash | | | | 0 | 0 | 0 | | Impervious (SHEETFLOW | | Input | - Controlly | 0 | 0 | 0 | | Gravel Pit | | | | 0 | 0 | 0 | |
| Other: | | | - 10/00 | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | | Irrigation | | | | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Other: | | | _ | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | |
| Indu | strial D | evel | opmo | ent S | Stres | sor | S | | | Seriel Property | | | Habit | tat/V | egeta | tion Stress | ors | | | | | | |
| ill bubble | e if prese | ent - I | Plot | 1 | 2 | 3 | Flag | Fill bubble | if prese | nt - F | Plot | 1 | 2 | 3 | Flag | Fill bubb | le if pres | 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 | | ny ka | | 0 | 0 | 0 | and the second | Forest Sele | ctive Cut | | | 0 | 0 | 0 | | Mowing/Shr | ub Cutting | 9 | | 0 | 0 | 0 | |
| Mine (surf | ace) | | | 0 | 0 | 0 | | Tree Planta | | | | 0 | 0 | 0 | | Trails | | | | 0 | 0 | 0 | |
| Mine (und | erground | i) | | 0 | 0 | 0 | | Tree Canop (INSECT) | y Herbivo | ory | | 0 | 0 | 0 | | Soil Compa (ANIMAL OR H | | | | 0 | 0 | 0 | |
| Military | | 200 | | 0 | 0 | 0 | | Shrub Layer | | d | MA | 0 | 0 | 0 | | Offroad veh | Later State of | ge | | 0 | 0 | 0 | |
| Other: | | | Te d | 0 | 0 | 0 | | Highly Graz | ed Grass | ses | | 0 | 0 | 0 | | Soil erosion | | ID. WA | TER, | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Recently Bu | | est | | 0 | 0 | 0 | | Other: | 1 | | | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Recently Bu (BLACKENED) | med Gra | sslar | nd | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | |
| - | ag codes: | : K = N | lo me | 100-00 | | made | e, U = S | uspect measu | | | | = mis | c. flag | s ass | igned b | y each field cr | ew. | | -1 | | | | 70 |
| 4 102 | uffer Sar | | | | /27/: | Exp | | ags in comm | | | | | | | | | | | 2428 | т р 8 | 5U4 | | |
| | | - | _ | | | | Name and Address of the Owner, where | | | | _ | | | _ | _ | | | | | | | | |

| | | | | | | | FOR | RM B-1: | BUFF | ER | SAI | IPL | E PI | | | | | Review | | | | _ (| • |
|----------------------------------|----------------------------|-------------------|---------------------|--------------|------------------|------------|---------------------|------------------------------------|---------------------------|--------------------|------------------|------------|--------------------|-----------------|-----------------------------|-----------------------------------|------------------------------|-------------|----------|-----------|--------|--------|-------|
| Site I | D: | PCF | tP. | H | | 12 | 61 | | | | | | | | DATE | 0.7 | 1 25 | _/ _ | 2 | 0 | / : | 2 | |
| Location | on: | 117 | | | | | | in States | Fill | in b | ubb | le(s) | if p | lot(s | s) cou | ıld not be | sample | ed ar | nd fl | ag - | -> | | |
| O AA | Center | C | N | 0 | S | OE | 0 | W | OP | lot 1 | 1 | 01 | Plot | 2 | O F | Plot 3 | | | | | | | |
| | | | | | | | | | Buffer | | | | | | | | | | | | | | |
| Fill in bubble Strata Section | es for all thon: Fill in a | nat app approp | oly: Ca oriate d | nopy cover o | Type: class l | D = D | eciduou for each | s; E = Evergre n strata type fo | en. Leaf T or each plo | ype: B t. 0 = / | l = Bro Absen | t; 1 = \$ | f; N = 1 Sparse | \eedle (<10% | e Leaf. <i>F</i> %); 2=M | Absent: No tree oderate(10-40° | e canopy. %); 3 = Hea | vy (40- | -75%); | 4 = V | ery He | eavy (| >75%) |
| Buffer | Canop | у Тур | e: 🧐 |) (|) AI | bsen | t: O | Buffer | Canopy | у Тур | e: (| <u>(</u> |) Ab | sent | : O | Buffer | Canopy | Туре | e: 💿 | (E) | Ab | sent | 0 |
| Plot 1 | Lea | f Typ | e: 🧐 |) (| | | Flag | Plot 2 | Lea | f Typ | e: (6 |) (| | | Flag | Plot 3 | Leaf | Туре | : 0 | <u>()</u> | | | Flag |
| Big Trees (> | 0.3m DBH) | 0 | 0 | 2 | @ | 0 | | Big Trees (> | -0.3m DBH) | 0 | 0 | 0 | 0 | 0 | | Big Trees | (>0.3m DBH) | 0 | 0 | 0 | 0 | 0 | |
| small Trees (< | 0.3m DBH | 0 | 0 | 2 | 3 | 0 | | Small Trees (| <0.3m DBH) | 0 | 0 | 0 | 0 | 0 | | Small Trees | (<0.3m DBH) | 0 | 0 | ② | 0 | 0 | |
| Woody Shrubs (0.5m- | , Saplings 5m HIGH) | 0 | 0 | | 3 | 0 | | Woody Shrub (0.5m | s, Saplings -5m HIGH) | 0 | 0 | 0 | 0 | 0 | | | ubs, Saplings im-5m HIGH) | 0 | 0 | ② | 0 | 0 | |
| Woody Shrubs | , Saplings .5m HIGH) | 0 | 0 | @ | 0 | 0 | | Woody Shrub (<0 | s, Saplings .5m HIGH) | 0 | 0 | 2 | 0 | 0 | | | bs, Saplings <0.5m HIGH) | 0 | 0 | 0 | 0 | 0 | |
| - | orbs and Grasses | 0 | 0 | (3) | 0 | 0 | | | orbs and Grasses | 0 | 0 | 0 | 0 | 0 | | Herbs | Forbs and Grasses | 0 | 0 | 0 | 0 | 0 | |
| Bare | ground | 0 | 0 | (1) | ① | 0 | | Bare | ground | 0 | 0 | 0 | 0 | 0 | | Bar | re ground | 0 | <u> </u> | 0 | 0 | 0 | |
| Litt | ter, duff | 0 | 0 | 0 | <u> </u> | (1) | | Lit | ter, duff | 0 | 0 | 0 | 0 | Ō | | L | itter, duff | 0 | Ō | 0 | 0 | 0 | |
| | Rock | 0 | 0 | 2 | 0 | 0 | | | Rock | 0 | 0 | 0 | 0 | Ō | | | Rock | 0 | Ō | 0 | 0 | 0 | |
| | Water | (| 0 | 2 | 3 | 0 | | | Water | 0 | 0 | 2 | 0 | 0 | | | Water | 0 | 0 | ② | 0 | 0 | |
| | bmerged | 0 | 0 | (2) | 0 | 0 | | | bmerged egetation | 0 | 0 | (2) | 0 | 0 | | | Submerged Vegetation | 0 | 0 | 0 | 0 | 0 | |
| - 775 - 410 | - | _ | e/Ab | send | :e - | | rm that | 100-0-0 | | لستسا | tes p | resen | ce and | dan | unfilled | bubble indi | | | y fillir | g thi | s bub | ble. | 0 |
| Resi | dential | and | Urba | an S | tres | sors | 14 | | Hydrolo | gy S | tres | sors | WA | | ma | 1244 | Agricult | ural 8 | k Rui | ral S | tres | sors | |
| Fili bubble | if prese | ent - I | Plot | 1 | 2 | 3 | Flag | Fill bubble | if prese | ent - F | Plot | 1 | 2 | 3 | Flag | Fill bubble | e if preser | nt - Pl | ot | 1 | 2 | 3 | Flag |
| Road - gra | ivel | 113 | | 0 | 0 | 0 | | Ditches, C | hanneliza | ation | | 0 | 0 | 0 | | Pasture/Ha | ау | | | 0 | 0 | 0 | |
| Road - two | lane | 083 | | 0 | 0 | 0 | | Dike/Dam/ | | Bed | | 0 | 0 | 0 | | Range | | E. W. H. | | 0 | 0 | 0 | |
| Road - fou | ır lane | | - University | 0 | 0 | 0 | | Water Lev | | Stru | cture | 0 | 0 | 0 | | Row Crops | | | | 0 | 0 | 0 | |
| Parking Lo | ot/Paven | nent | 0200 | 0 | 0 | 0 | | Excavation | , Dredgir | ng | | 0 | 0 | 0 | | Fallow Fiel | | RESTIN | IG | 0 | 0 | 0 | |
| Golf Cours | se | | | 0 | 0 | 0 | | Fill/Spoil B | | | | 0 | 0 | 0 | | Fallow Fiel SHRUBS, TRE | | ASS, | | 0 | 0 | 0 | |
| Lawn/Park | | | N/A | 0 | 0 | 0 | - | Freshly De | | Sedim | nent | 0 | 0 | 0 | | Nursery | | | | 0 | 0 | 0 | |
| Suburban | Residen | tial | | 0 | 0 | 0 | ! | Soil Loss/F | 100 | osure | | 0 | 0 | 0 | | Dairy | | | | 0 | 0 | 0 | |
| Urban/Mul | ltifamily | | | 0 | 0 | 0 | | Wall/Ripra | р | | | 0 | 0 | 0 | | Orchard | | | | 0 | 0 | 0 | |
| Landfill | | | | 0 | 0 | 0 | | Inlets, Out | | | | 0 | 0 | 0 | | Confined A | | ding | | 0 | 0 | 0 | |
| Dumping | | He. | | 0 | 0 | 0 | | Point Sour (EFFLUENT C | RSTORM | | | 0 | 0 | 0 | | Rural Resid | dential | | | 0 | 0 | 0 | |
| Trash | | | | 0 | 0 | 0 | | Impervious (SHEETFLOW | | mput | | 0 | 0 | 0 | | Gravel Pit | | | 4 | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | : | Other: | | | | 0 | 0 | 0 | | Irrigation | | | | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | | Other: | | | _ | 0 | 0 | 0 | |
| Indu | strial D | evel | opm | ent S | stres | sor | 3 | | | | | 1 | labit | at/V | egeta | tion Stress | sors | | | Ex | | | |
| Fill bubble | if pres | ent - l | Plot | 1 | 2 | 3 | Flag | Fill bubble | if prese | nt - F | Plot | 1 | 2 | 3 | Flag | Fill bubb | le if pres | ent - F | Plot | 1 | 2 | 3 | Flag |
| Oil Drilling | | | | 0 | 0 | 0 | 13 | Forest Clea | r Cut | | | 0 | 0 | 0 | | Herbicide U | Jse | | | 0 | 0 | 0 | |
| Gas Wells | | | | 0 | 0 | 0 | | Forest Sele | ctive Cut | | | 0 | 0 | 0 | | Mowing/Sh | rub Cutting | 9 | | 0 | 0 | 0 | |
| Mine (surfa | ace) | | | 0 | 0 | 0 | | Tree Planta | 1000 | | | 0 | 0 | 0 | | Trails | | | | @ | 0 | 0 | 1 |
| Mine (und | erground | i) | | 0 | 0 | 0 | | Tree Canop (INSECT) | | | | 0 | 0 | 0 | | Soil Compa (ANIMAL OR H | | | | 0 | 0 | 0 | 1 |
| Military | | | | 0 | 0 | 0 | | Shrub Laye (WILD OR DO) | r Browse | d | | 0 | 0 | Ó | | Offroad veh | nicle dama | ge | | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Highly Graz (OVERALL <3* | ed Grass HIGH) | | | 0 | 0 | 0 | | Soil erosion OR OVERUSE | | ND, WA | TER, | 0 | 0 | 0 | 2 |
| Other: | | | | 0 | 0 | 0 | | Recently Bu | | est | | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Recently Bu | ımed Gra | esslar | nd | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | |
| | ag codes | : K = 1 | No me | - | | | , U=S | | urement., | F1,F2 | 2, etc. | | - | s assi | igned b | y each field c | rew. | | 2428 | 1 | | 1 | |

Explain all flags in comment section on the back of this form Buffer Sample Plots 05/27/2011



| | | | | | | | | _/_ | | | | | _ | | | | | | | _ | _ | _ | |
|------------------------|--------------------------|-------------------|------------|----------|---------------|----------|----------------------|------------------------------|---------------------------|------------------|--------------------|-------------|--------------------|--------------------|---|----------------------------------|------------------------------|----------|------------|------------|----------|----------------|---|
| | | | | | | | FOI | RM B-1: | BUFF | ER | SAI | VIPL | ΕP | LOT | | | | Review | | | | _ (| |
| Site | ID: | PCI | 4P | +1 | i (| 20 | 61 | | _ | | | | | | DATE | 07 | 123 | 51 | $Z_{}$ | σ_ | <u> </u> | 2 | |
| Locati | | | | | | | | | | | | Dr. Dr. | | | land and the same of the same | ıld not be | sample | ed ar | nd fl | ag - | → | | |
| OAA | Center | 0 | N | 0 | S | 01 | E 0 | W | | lot | - | Barry Mills | Plot | | | Plot 3 | | | | | | | |
| | | | | | | | | s; E = Evergre | | ype: E | = Br | oadlea | f; N = | Needle | e Leaf. A | Absent: No treo oderate(10-40 | | vy (40- | -75%); | 4 = V | егу Н | eavy (| >75%) |
| Buffer | Canop | у Тур | e: 🕼 | |) AI | bsen | t: O | Buffer | Canopy | у Тур | e: 🌀 | (|) AI | bsent | : O | Buffer | Canopy | Туре | e: 📵 | E | Ab | sent | : 0 |
| Plot 1 | Lea | f Typ | e: 值 |) (| | | Flag | Plot 2 | Lea | f Typ | e: 🍕 |) (· | | | Flag | Plot 3 | Leaf | Туре | : 🙆 | <u>(v)</u> | Ц, | | Flag |
| Big Trees (> | -0.3m DBH) | 0 | 0 | 0 | 0 | 0 | | Big Trees (> | •0.3m DBH) | 0 | @ | 0 | 0 | 0 | | Big Trees | (>0.3m DBH) | @ | 0 | 0 | 0 | 0 | |
| Small Trees (< | <0.3m DBH) | 0 | 0 | 0 | 0 | (| | Small Trees (| <0.3m DBH) | 0 | 0 | 0 | (| 0 | | Small Trees | ` | 0 | 0 | 0 | ③ | 0 | |
| Woody Shrubs (0.5m- | s, Saplings -5m HIGH) | 0 | 0 | | 0 | 0 | | Woody Shrub (0.5m | s, Saplings 1-5m HIGH) | 0 | 0 | 2 | (1) | 0 | | | ubs, Saplings 5m-5m HIGH) | 0 | (1) | (9) | 3 | 0 | |
| Woody Shrubs (<0. | s, Saplings .5m HIGH) | 0 | (S) | 0 | 0 | 0 | | Woody Shrub: (<0 | s, Saplings).5m HIGH) | 0 | (| 2 | 0 | 0 | | | ibs, Saplings <0.5m HIGH) | 0 | 0 | ② | <u></u> | 0 | |
| Herbs, F | orbs and Grasses | 0 | 0 | @ | 0 | 0 | | Herbs, I | Forbs and Grasses | 0 | 0 | (4) | 0 | 0 | | Herbs | Forbs and Grasses | 0 | 0 | 0 | 0 | 0 | |
| Bare | ground | 0 | (| 0 | 0 | 0 | | Bare | ground | 0 | 0 | (1) | 0 | 0 | | Bar | re ground | 0 | 0 | 6 | 0 | 0 | |
| Litt | ter, duff | 0 | 0 | (2) | @ | 0 | | Lit | tter, duff | 0 | 0 | 2 | (4) | 0 | | L | itter, duff. | 0 | <u></u> | 0 | <u>@</u> | 0 | |
| | Rock | (1) | 0 | ① | ① | 0 | | | Rock | 0 | (| <u></u> | 0 | 0 | | | Rock | 0 | <u></u> | <u></u> | <u></u> | 0 | |
| | Water | (| 0 | (2) | 0 | Ō | | | Water | 0 | 0 | 2 | 0 | $\overline{\odot}$ | | | Water | <u>@</u> | <u></u> | Ŏ | Ŏ | 0 | |
| | bmerged | | 0 | (2) | 0 | 0 | | | bmerged | 0 | $\overline{\odot}$ | <u>0</u> | <u></u> | $\overline{\odot}$ | | | Submerged | @ | ŏ | ŏ | 0 | <u></u> | |
| | egetation or Pres | | | | _ | | rm that | | egetation bubble in | | _ | | | _ | unfilled | bubble indic | Vegetation cates abse | 1- 1 | | | | $\underline{}$ | <u> </u> |
| | dential | (3) | | | | V 5000 | | | Hydrolo | | | | | | | | Agricultu | | 1 98 | | | | |
| Fill bubble | | | | 1 | 2 | 3 | Flag | Fill bubble | | | | 1 | 2 | 3 | Flag | Fill bubble | | 1,131 | | 1 | 2 | 3 | Flag |
| | 200 | 211F - 1 | riot | 228 | | 350 | riay | | Jan Jan | | 101 | | | | ı lay | December 1 | | | | | | | · lug |
| Road - gra | | | | 0 | 0 | 0 | | Ditches, C | Road/RR | | | 0 | 0 | 0 | | Pasture/Ha Range | ay | | | 0 | 0 | 0 | |
| Road - fou | | | | 0 | 0 | 0 | | (IMPEDE FLO | | l Stru | cture | 100 | 0 | 0 | | Row Crops | | | | 0 | 0 | 0 | |
| Parking Lo | | nent | 944 | 0 | 0 | 0 | | Excavation | | | Otarc | 0 | 0 | 0 | | Fallow Fiel | | RESTIN | iG . | 0 | 0 | 0 | |
| Golf Cours | | TOTAL TARREST | | 0 | 0 | 0 | : | Fill/Spoil B | | 19 | | 0 | 0 | 0 | | Fallow Fiel | D) d (OLD - GR | | | 0 | 0 | 0 | |
| Lawn/Park | | | | 0 | 0 | 0 | | Freshly De | posited S | Sedim | ent | 0 | 0 | 0 | | Nursery | ES) | | | 0 | 0 | 0 | |
| Suburban | | tial | | 0 | 0 | 0 | : | Soil Loss/F | | osure | | 0 | 0 | 0 | | Dairy | | | | 0 | 0 | 0 | |
| Urban/Mul | | | | 0 | 0 | 0 | | Wall/Ripra | D | | | 0 | 0 | 0 | | Orchard | | | | 0 | 0 | 0 | |
| Landfill | | | | 0 | 0 | 0 | | Inlets, Out | | | - 18 | 0 | 0 | 0 | | Confined A | nimal Fee | ding | | 0 | 0 | 0 | |
| Dumping | | | | 0 | 0 | 0 | | Point Sour | ce/Pipe | | | 0 | 0 | 0 | | Rural Resi | | | | Ö | 0 | 0 | |
| Trash | | | | 0 | 0 | 0 | | Impervious | surface | | | 0 | 0 | 0 | | Gravel Pit | | | | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | | Irrigation | | | 199 | o | 0 | o | |
| Other: | | 1, - 11 L/1 -/ M/ | | 0 | 0 | O | | Other: | | | | 0 | O | O | | Other: | | | | o | 0 | 0 | |
| Indus | strial D | evelo | opme | ent S | itres | sor | 5 | | | | | | labit | tat/V | egeta | tion Stress | sors | 1811 | | | | | |
| Fill bubble | if prese | ent - I | Plot | 1 | 2 | 3 | Flag | Fill bubble | if prese | nt - F | lot | 1 | 2 | 3 | Flag | Fill bubb | le if prese | ent - F | Plot | 1 | 2 | 3 | Flag |
| Oil Drilling | | | | 0 | 0 | 0 | | Forest Clea | r Cut | till i | | 0 | 0 | 0 | | Herbicide U | lse | E | | 0 | 0 | 0 | |
| Gas Wells | | J. S. | | 0 | 0 | 0 | | Forest Sele | ctive Cut | | | 0 | 0 | 0 | | Mowing/Sh | rub Cutting | | | 0 | 0 | 0 | |
| Mine (surfa | ace) | I said | | 0 | 0 | 0 | | Tree Planta | tion | | | 0 | 0 | 0 | | Trails | | NA. | | 0 | 0 | 0 | 7 |
| Mine (unde | eraround | 1) | | 0 | 0 | 0 | | Tree Canop | | ory | 55 | 0 | 0 | 0 | | Soil Compa | | | | 0 | 0 | 0 | -; |
| | | | | | 0 | 0 | | (INSECT) Shrub Layer | | d | | 0 | 0 | 0 | | Offroad veh | | ne | | 0 | 0 | 0 | |
| Military | | | | 0 | | | | (WILD OR DOM Highly Graz | | es | 1 | | | | | Soil erosion | | | TER, | | - | | |
| Other: | 7 | | - | 0 | 0 | 0 | | (OVERALL <3" Recently Bu | HIGH) | | W. | 0 | 0 | 0 | | OR OVERUSE |) | | - | 0 | 0 | 0 | |
| Other: | | | | 0 | 0 | 0 | | Canopy Recently Bu | | | nd | 0 | 0 | 0 | | Other: | | | - | 의 | 9 | 0 | |
| Other: | | | | 0 | 0 | 0 | | (BLACKENED) | | | | 0 | 0 | 0 | | Other: | | |] | O] | 0 | 0 | |
| | ag codes: uffer San | | | 1000 | ment /27/2 | Exp | e, U=S lain all f | uspect measi lags in comm | urement., ent sectio | F1,F2 on on t | , etc. he ba | = mis | c. flag this fo | s assi orm | gned by | y each field c | rew. | 2 | 428 | 168 | 304 | | |
| | | | | | | - | | | | | | | | | | | | | | | | | 100000000000000000000000000000000000000 |

| | | | 10000000 | | | | | | 2.22 | | | | | | | | | | | | | | - |
|--|-------------------------------------|------------|---------------------|------------|-------------------------------|---------------------|---|---|--|--------------------------------|--------|-------------------------------|---------------------|--------------------------------------|--|--|-------------------------|----------|----------|-----------|--------------|--------|----------|
| • | | | (43) | | | | FOI | RM B-1: | BUFF | ER | SAI | MPL | ΕP | LO1 | rs (F | ront) | HOV | Reviev | ved by | (initial) | : | | • |
| Site ID: PCAPH: 1261 Location: | | | | | | | | | | DATE: 7,1,25,1,2,0,1,2 | | | | | | | | | | | | | |
| Location: | | | | | | | | | Fill in bubble(s) if plot(s) could not be sampled and flag → | | | | | | | | | | | | | | |
| OAA Center ON OS OE • W | | | | | | | | | OP | | | | Plot | | | Plot 3 | RIGHT. | | | PMP. | | | |
| | | | | | | | | s; E = Evergre | | ype: E | B = Bn | oadlea | f, N = | Needl | e Leaf. A | Absent: No tree oderate(10-40 | | vy (40 | -75%) | ; 4 = V | 'ery H | eavy (| >75%) |
| Buffer Canopy Type: Absent: O | | | | | Buffer Canopy Type: | | | | | Absent: O | | | Buffer Canopy Type: | | | | (E) | Ab | sent | : O | | | |
| Plot 1 Leaf Type: | | | | 0 | | | Flag | Plot 2 | Lea | Leaf Type: 🚳 | |) (| | Flag | | Plot 3 Leaf Type: (| | | e: 🐠 | 0 | | | Flag |
| Big Trees (>0.3m DBH) | | | 0 | 0 | | Big Trees (>0.3m DE | | | | (2) | 0 | @ | | Big Trees | (>0.3m DBH) | (| 0 | 2 | ① | 0 | | | |
| Small Trees (<0.3m DBH) | | | ② | (a) | 0 | | Small Trees (| <0.3m DBH) | | | (2) | 0 | • | | . Small Trees | (<0.3m DBH) | 0 | 0 | 0 | 0 | 0 | | |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | | | ② | | 0 | | Woody Shrubs (0.5m | s, Saplings -5m HIGH) | | (| (2) | 0 | 0 | , | Woody Shrubs, Saplings (0.5m-5m HIGH) | | | | 2 | | 0 | | |
| Woody Shrubs, Saplings (<0.5m HIGH) | | | (| 0 | 0 | | Woody Shrubs (<0 | s, Saplings .5m HIGH) | 0 | 6 | 000 | | | | Woody Shrubs, Saplings (<0.5m HIGH) | | | | 0 | 0 | 0 | | |
| Herbs, F | Herbs, Forbs and Grasses Grasses | | 0 | 0 | 0 | | Herbs, Forbs an Grasse | | 0 | @ | 3 | 0 | 0 | | Herbs, Forbs and Grasses | | Ø | | 0 | 0 | | | |
| Bare | Bare ground 0 | | 0 | 0 | 0 | | 0.00000 | | 0 | 6 | 0 | 0 | 0 | | Bare ground 👰 🕦 | | | 0 | 0 | 0 | 0 | | |
| Litter, duff 💿 🕦 | | 2 | 0 | (| | Lit | ter, duff | 0 | 0 | 2 | 0 | @ | | L | itter, duff | Ŏ | 0 | @ | 0 | 0 | | | |
| | Rock | @ | 0 | 0 | 0 | 0 | | | Rock | ① | 0 | ② | 0 | 0 | | | Rock | 0 | @ | 0 | 3 | 0 | |
| | Water | (1) | 0 | 0 | 0 | 0 | | | Water | (| 0 | 2 | 0 | 0 | | | Water | 0 | @ | 0 | 0 | 0 | 1 |
| | bmerged egetation | | 0 | 2 | 0 | 0 | | | bmerged egetation | | 0 | 3 | 0 | 0 | | S | Submerged Vegetation | 0 | 0 | 0 | 0 | 0 | |
| Stressor Presence/Absence - Confirm that | | | | | | | | | | ndica | tes p | resen | ce an | d an | unfilled | bubble indic | cates abse | ence | by filli | ng thi | s but | ble. | (|
| Resi | | 1 | Hydrology Stressors | | | | | | | Agricultural & Rural Stressors | | | | | | | | | | | | | |
| Fill bubble | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | | | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | | | | 1 | 2 | 3 | Flag | | | | |
| Road - gravel | | | 0 | 0 | 0 | | Ditches, Channelization | | | - | 0 | 0 | 0 | | Pasture/Hay | | | | 0 | 0 | 0 | | |
| Road - two lane | | | | 0 | 0 | 0 | ++ | Dike/Dam/Road/RR Bed | | | 0 | 0 | 0 | | Range | | | | 0 | 0 | 0 | | |
| Road - four lane | | | | 0 | 0 | 0 | | Water Level Control Structu | | | cture | 0 | 0 | 0 | | Row Crops | Row Crops | | | 0 | 0 | 0 | |
| Parking Lot/Pavement | | | 0 | 0 | 0 | | Excavation, Dredging | | | | 0 | 0 | 0 | | Fallow Field (RECENT-RESTING ROW CROP FIELD) | | | NG | 0 | 0 | 0 | | |
| Golf Course | | | | 0 | 0 | 0 | | Fill/Spoil Banks | | | | 0 | 0 | 0 | | Fallow Field (OLD - GRASS, SHRUBS, TREES) | | | | 0 | 0 | 0 | |
| Lawn/Park | | | | 0 | 0 | 0 | | Freshly Deposited Sediment (UNVEGETATED) | | | 0 | 0 | 0 | | Nursery | | 0 | 0 | 0 | | | | |
| Suburban Residential | | | | 0 | 0 | 0 | | Soil Loss/Root Exposure | | | 0 | 0 | 0 | | Dairy | | | | 0 | 0 | 0 | | |
| Urban/Multifamily | | | | 0 | 0 | 0 | | Wall/Riprap | | | 0 | 0 | 0 | | Orchard | | in many | | 0 | 0 | 0 | | |
| Landfill | | | | 0 | 0 | 0 | 1 | Inlets, Outlets | | | 0 | 0 | 0 | | Confined A | nimal Fee | ding | | 0 | 0 | 0 | | |
| Dumping | | | | 0 | 0 | 0 | | Point Source/Pipe (EFFLUENT OR STORMWATER) | | | 0 | 0 | 0 | | Rural Residential | | | | 0 | 0 | 0 | | |
| Trash | | | | 0 | 0 | 0 | | Impervious surface (SHEETFLOW) | | | | 0 | 0 | 0 | | Gravel Pit | | | | 0 | 0 | 0 | |
| Other: | | | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | | Irrigation | | | | 0 | 0 | 0 | | |
| Other: | | | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | | |
| Indus | strial D | evel | opm | ent S | Stres | sor | S | | | | | | Habit | tat/V | tion Stress | sors | | | | | | | |
| Fill bubble if present - Plot | | | 1 | 2 | 3 | Flag | Fill bubble | if prese | nt - F | Plot | 1 | 2 | 3 | Flag | Fill bubb | le if pres | ent - | Plot | 1 | 2 | 3 | Flag | |
| Oil Drilling | Oil Drilling | | 0 | 0 | 0 | | Forest Clear Cut | | 0 | 0 | 0 | | Herbicide Use | | | | 0 | 0 | 0 | | | | |
| Gas Wells | | | 0 | 0 | 0 | | Forest Selective Cut | | | 0 | 0 | 0 | | Mowing/Shrub Cutting | | | | 0 | 0 | 0 | | | |
| Mine (surfa | fine (surface) | | 0 | 0 | 0 | | Tree Plantation | | | 0 | 0 | 0 | | Trails | rails | | | 0 | 0 | 0 | | | |
| Mine (underground) | | | 0 | 0 | 0 | | Tree Canopy Herbivory | | 0 | 0 | 0 | | | Soil Compaction (ANIMAL OR HUMAN) | | | 0 | 0 | 0 | | | | |
| Military | | | 0 | 0 | 0 | | Shrub Layer Browsed (WILD OR DOMESTIC) | | | 0 | 0 | 0 | | Offroad vehicle damage | | | | 0 | 0 | 0 | | | |
| Other: | | | 0 | 0 | 0 | | Highly Grazed Grasses | | | 0 | 0 | 0 | | Soil erosion (FROM WIND, WATER, | | | TER, | 0 | 0 | 0 | | | |
| Other: | | | 0 | 0 | 0 | | (OVERALL <3" HIGH) Recently Burned Forest | | | 0 | 0 | 0 | | OR OVERUSE) Other: | | | | 0 | 0 | 0 | | | |
| Other: | | | 0 | 0 | 0 | | Recently Burned Grassland | | | nd | 0 | 0 | 0 | | Other: | | | | 0 | 0 | 0 | | |
| | | | | | asurement made, U = \$ | | | (BLACKENED) Suspect measurement., F1,F2, etc. | | | | = mis | | | | | | | | 8168304 | | | |
| 7 - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1 | | | | | | Eva | lain all 6 | lage in comm | ant cartin | | the be | ak af | this fo | | THE PERSON | A STATE OF THE PARTY OF THE PAR | | | 242 | 5 T O E | 900 د | | |

Buffer Sample Plots 05/27/2011