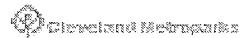


CLEVELAND METROPARKS Plant Community Assessment Program: Quality Control Form



Project Label:

PCAP

Plot No: 1175

Date Sampled: 8/1/2011

Lead: DS

Comment required if item answer is NO

| | | |
|--|---|--|
| Parking/Access outside of Park Boundaries | <input checked="" type="radio"/> Y <input type="radio"/> N | If yes, write details in Comments section below |
| Field journals completed | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Site sketch made on 1:3000 map? | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Check cover page | X-axis Bearing of plot recorded | <input checked="" type="radio"/> Y <input type="radio"/> N |
| | GPS coords. Recorded | <input checked="" type="radio"/> Y <input type="radio"/> N |
| | North direction recorded | <input checked="" type="radio"/> Y <input type="radio"/> N |
| | Photographs taken? | <input checked="" type="radio"/> Y <input type="radio"/> N |
| Plot No., Date agreement on all pages? | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Header data completed all pages? | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Cover classes recorded in all intensive modules | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Browse Level By Species | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Woody stem quality control check | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Invasive plant quality control check | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Ash trees mapped | <input checked="" type="radio"/> Y <input type="radio"/> N | N/A |
| Cover by Strata? (confirm cover type) | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Soil samples collected with matching plot #. | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Vouchers labeled on datasheet with initials and number | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Vouchers labeled on collection bag | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Pink flags removed | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Data sheet QA before leaving site? | <input checked="" type="radio"/> Y <input checked="" type="radio"/> N | |
| Common equipment returned to tub. | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Data sheets scanned? | | Enter date to left 9-12-11 |
| Final data sheets scanned? | | Enter date to left 9-13-11 10-13-11 |
| Buffer Widths measured? | <input checked="" type="radio"/> Y <input type="radio"/> N | |
| Web Soil Survey | <input checked="" type="radio"/> Y <input type="radio"/> N | FB 9-1-11 |
| Voucher Location | Refrigerator | <input checked="" type="radio"/> Y <input type="radio"/> N |
| (# vouchers collected) | Press (#) | Enter number to left |
| | Drier | <input checked="" type="radio"/> Y <input type="radio"/> N |
| | Identified | <input checked="" type="radio"/> Y <input type="radio"/> N |
| | Mounted | <input checked="" type="radio"/> Y <input type="radio"/> N |
| | Thrown away | <input checked="" type="radio"/> Y <input type="radio"/> N |

GRTS point verification: Is plot sampleable?

| | |
|---|---|
| <input checked="" type="checkbox"/> Yes | Original GRTS point is sampleable |
| <input type="checkbox"/> No | Original GRTS point lands in a non-sampleable area (fill in category below) |
| | <input type="checkbox"/> Point falls in a water (i.e. river, lake) |
| | <input type="checkbox"/> Managed mowed area (i.e. golf course, picnic area, right-of-way) |
| | <input type="checkbox"/> Paved area (i.e. parking lot, road) |
| | <input type="checkbox"/> Unsafe to sample (i.e. steep slope) |
| | <input type="checkbox"/> Other |

Additional Comments:

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

Page 1 of 2
© Cleveland Metroparks

| | | |
|---|--|--|
| GENERAL INFORMATION | | LOCATION |
| Project Label: PCAP | | State: OH County: CUYAHOGA |
| Project Name: <u>01 Be 2011</u> | | Quadrangle: RENTREE Northfield |
| Plot Name: "2N APT" PLOT <u>NAME</u> | | Local Place Names: GORGE PKWY |
| Plot No.: 1175 | | Landowner: CLE METRO |
| Date (mm/dd/yyyy): 07/28/2011 | | X-axis Bearing of plot: [96] ° |
| End date (if > 1 day): 08/01/2011 | | Data Confidentiality: |
| Party | | Check one: <input checked="" type="checkbox"/> Public data <input type="checkbox"/> Private Data |
| <u>B STRAYER</u> | | Plot leader, <u>BUFFERS</u> |
| <u>J LANERMAN</u> | | Source of coordinates <input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS |
| <u>A Mack</u> | | GPS location in plot x=0 to 5, y=-1,0,+1): X = <u>0</u> y = <u>0</u> (base of plot x=0, y=0) |
| <u>J MURPHY</u> | | Coordinate system: <u>Coord. Units</u> |
| | | Lat/Long <input type="checkbox"/> UTM <input type="checkbox"/> StatePlane <input checked="" type="checkbox"/> deg <input type="checkbox"/> deg min |
| PLOT NOT SAMPLED: | | If data not public why? <input type="checkbox"/> Other (specify) <u>m</u> <input type="checkbox"/> ft <u> </u> |
| □ Perm. water <input type="checkbox"/> Paved <input type="checkbox"/> Slope <input type="checkbox"/> Safety | | Reason: <input type="checkbox"/> If data not public why? |
| SAMPLING QUALITY* | | Source of coordinates <input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS |
| Effort Level: Very thorough Accurate Hurried | | GPS location in plot x=0 to 5, y=-1,0,+1): X = <u>0</u> y = <u>0</u> (base of plot x=0, y=0) |
| | | Plot placement: <input type="checkbox"/> Representative <input checked="" type="checkbox"/> GRITS <input type="checkbox"/> Random <input type="checkbox"/> Stratified Random |
| | | Co-ord Accuracy: <u>±m</u> <input type="checkbox"/> ft <u>+/-1.3</u> |
| | | Datum: <input checked="" type="checkbox"/> NAD83/WGS84 <input type="checkbox"/> NAD27 |
| | | Latitude: <u>41.37352</u> |
| | | Longitude: <u>81.55584</u> |
| | | Plot size for cover data: <u>0.1</u> (hectares) |
| TAXONOMIC ACCURACY | | Plot size stems: <u>0.1</u> (ha) |
| high <input checked="" type="checkbox"/> moderate <input type="checkbox"/> low <input type="checkbox"/> not sampled | | Stems present <input type="checkbox"/> Stems absent |
| vascular <input checked="" type="checkbox"/> | | Depth: (1-5): <u>4</u> |
| bryo <input checked="" type="checkbox"/> | | Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED) |
| lichen <input checked="" type="checkbox"/> | | Camera No.: <u>3</u> |
| TAXONOMIC STANDARD | | Photo Nos.: <u>C3 0584</u> |
| Authority: G&C Pub Date: 1998 | | |
| Minimum required fields in Bold and Underlined | | |

Diagram Key:
○ Plot origin (0,0) point
○ GPS location
● photo taken, ● location of permanent posts

ABOUT - 2X5

LOCATION - Plot is located across GORGE PKWY from unnamed paved parking lot with catchall pond.

REASON - Layout apparently determined by committee; must agree. Original GRITS pt @ (5,0). Stake moved to (9,0)

REG - Birch-Maple woods with few Quercus spp.; some A. rubrum toward Apt trail. Acer - Fagus subcanopy & shrub layer; herb layer desauspice, mostly tree seedlings; a host of disturbance spp. and unidentifiable grasses in mats 5-6. Browse very high with distinct browse line; even fallen tree branches were browsed.

LMK

*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide

OVER

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

Project Label: PCAP

Project Name: Bechel

Plot No.: 1175

Page 2 of 2

CLASSIFICATION

(FIT = excellent, good, fair, poor; CONF = high, med, low)

Fit and Confidence

Hydrogeomorphic class (WETLANDS ONLY):

- DEPRESSION
- IMPOUNDMENT Beaver Human
- RIVERINE Headwater Mainstem Channel
- SLOPE (ground water hydrology or on a physical slope)
- FRINGING Reservoir Natural Lake
- COASTAL (specify subclass)
- BOG (strongly, moderately, weekly ombrotrophic)

Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):

- FOREST swamp forest bog forest forest steep
- EMERGENT marsh wet meadow open bog
- SHRUB shrub swamp tall sh. bog tall sh. fen

MODIFIED NATURERESERVE CLASS*

CODE (on separate form): C O 2

Fit= E Conf= H

COMMUNITY NAME:

BEECH - MAPLE FOREST

HOMOGENEITY

- Homogeneous
- Compositional trend across the plot
- Conspicuous inclusions
- Irregular/pattern mosaic

Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)

Evidence of L. tigrinus & Conopholis in plot, but none living above ground.

STAND SIZE

DISTURBANCES

| type* | severity** | yrs ago | % of plot | description |
|---------|------------|---------|-----------|-------------|
| Human | <u>L</u> | >1 | 5 | trash |
| Natural | | | | |
| Fire | | | | |
| Cut | | | | |
| Animal | <u>VH</u> | 0 | 100 | browsing |
| Other | | | | |

**L=low, M=med, H=med high, VH=high, VH=very high

Former Land Use:

FOREST

SALINITY*

HYDROLOGIC REGIME*

| | | |
|---|---|---|
| <input type="checkbox"/> Salwater | <input type="checkbox"/> Upland (seldom flooded) | <input type="checkbox"/> Intermittently/flooded |
| <input type="checkbox"/> Brackish | <input type="checkbox"/> Intermittently/seasonally saturated (seldom flooded) | <input type="checkbox"/> Semipermanently flooded |
| <input type="checkbox"/> Fresh | <input type="checkbox"/> Permanently/Semipermanent. saturated (dry <1/yr, seldom flooded) | <input type="checkbox"/> Permanently flooded |
| <input type="checkbox"/> Upland (n/a) (by default unless plot is a wetland) | <input type="checkbox"/> Occasionally flooded (<1/yr) | <input type="checkbox"/> Tidal/Seiche flooded daily |
| | <input type="checkbox"/> Temporarily flooded | <input type="checkbox"/> Tidal/Seiche flooded monthly (e.g. wind, storms) |
| | | <input type="checkbox"/> Unknown |

COLLIER COUNTY FLORIDA Plant Community Assessment Program Species Cover Data Sheet

Project Label

三

Page / of 4

Total modules: **10**

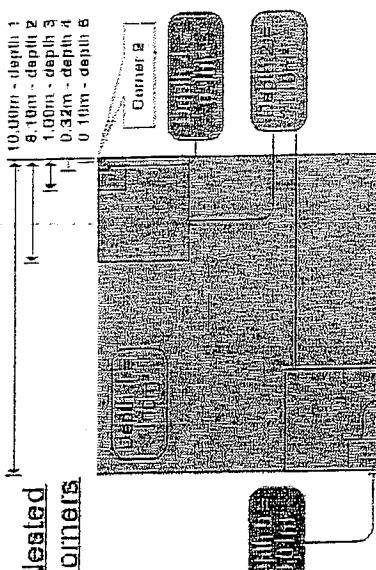
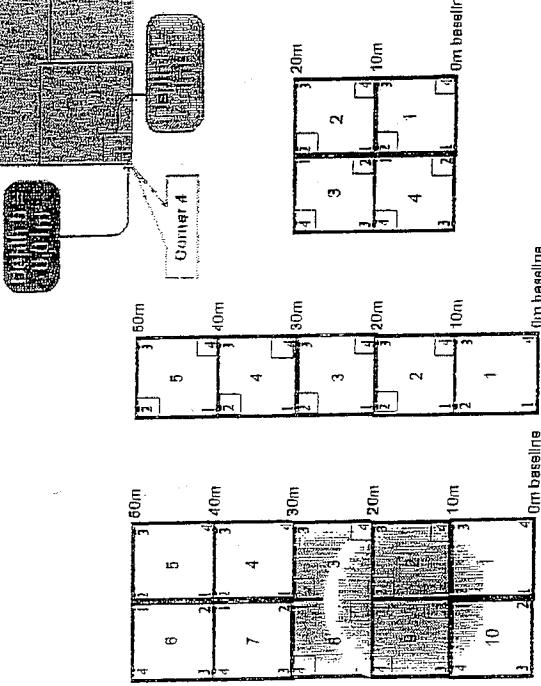
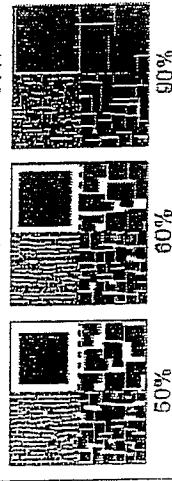
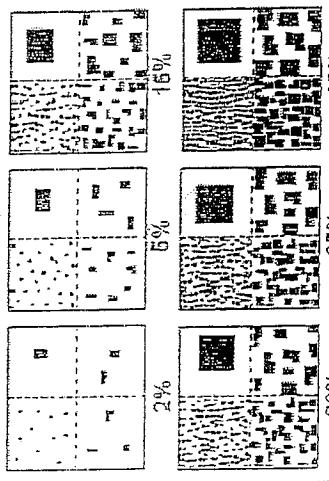
Project name: 01_Be2011
Intensive modules: 4 Plot

Plot no.: 1125
configuration: 2 x 5

Plot area (ha): 3 = 1

EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for various data elements to convey "Amount" of Quality. Note: Within any given box, each portion contains the same field are covered, just different sized aspects.



BROWSE RATING NARRATIVE DESCRIPTION

LOW OR NONE: there is no measurable browse line
AND there are very few or no plants 1-m nested quadrats and intensive module. In general, low values relate to less than 10 percent browser numbers of stems browsed.

MEDIUM LOW values include evidence of browse at about 10 percent of the stems with no significant impact to plant reproduction evident. In this rating, plants are browsed but preferential species are observed to be reproducing in numbers that appear normal or near-

number in comparison to low browse areas. - U. example, trilliums may flower and fruit, but jewelweed and arrowwood will not exhibit browse

MEDIUM: browse affects greater than 10 percent and less than 25 percent of stems in the 1 m² nested quadrat and intensive module. A browse line is usually

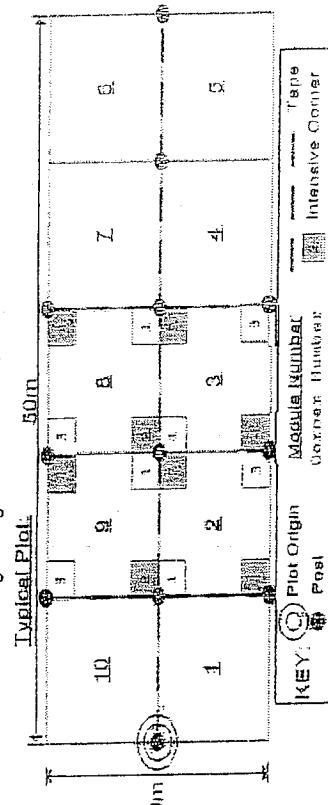
not evident or obvious for all classes and species of vegetation, but careful examination may show preferential browse and/or browse lines for some species

MEDIUM HIGH values include evidence of a browse line and 25 percent of stems browsed with very little vegetation regeneration evident. In this rating, for some species of plants, reproduction does not appear to occur at all.

HIGH: greater than 25 percent of the stems of plants in the 1 m² nested quadrat and intensive module AND a browse line is evident.

Even high values include extensive browse conditions, where the browse line is very evident AND almost all seedlings and herbs are severely browsed or missing. Browse line may be 5 to 6 feet in height with no or little green growth beneath.

| cover class | % cover | solidity or fay | mid point |
|-------------|---------|-----------------|-----------|
| 1 | 0-1% | 0.0001 | 0.0001 |
| 2 | 1-2% | 0.016 | 0.005 |
| 3 | 2-5% | 0.036 | 0.016 |
| 4 | 5-10% | 0.075 | 0.036 |
| 5 | 10-25% | 0.175 | 0.075 |
| 6 | 25-50% | 0.375 | 0.175 |
| 7 | 50-75% | 0.625 | 0.375 |
| 8 | 75-95% | 0.850 | 0.625 |
| 9 | 95-100% | 0.975 | 0.850 |
| 10 | | | |



CLEVELAND METROPOLITAN PLANNING COMMISSION / COMMUNITY ASSESSMENT BROCHURE

Project Label

Total population

10(31) 1100-1101

Visual est. % open water: entire site

卷之三

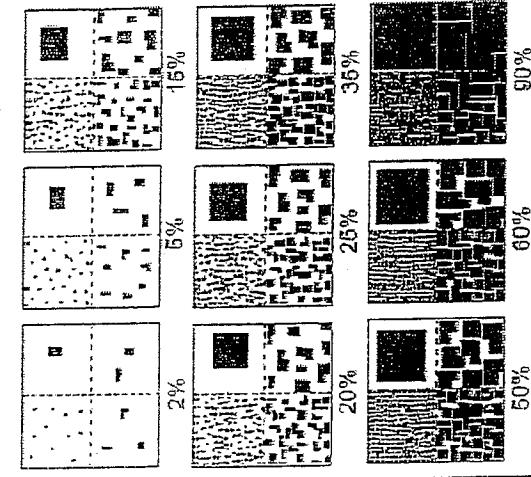
sive modules: _____ Plot

configuration: _____

Plot area (ha): _____

EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for visual data elements to convey "Amount" or "Quantity". NOTE: Within any given look, each quadrat contains the same area and covered, just different sized objects.



BROWSE RATING NARRATIVE DESCRIPTION

LOW OR NONE: there is no measurable browse line AND there are very few or no plants 1-m nested quadrat and intensive module. In general, low values relate to less than 10 percent, by numbers of stems browsed.

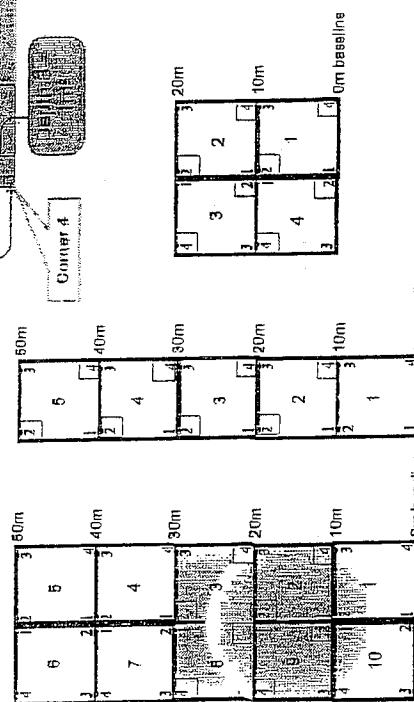
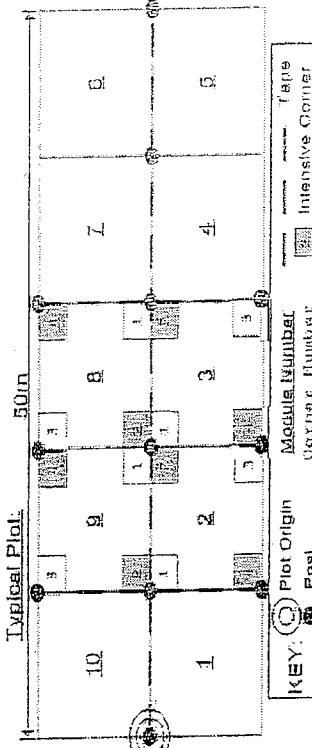
MEDIUM LOW values include evidence of browse at about 10 percent of the stems with no significant impact to plant reproduction evident. In this rating, plants are browsed but preferential species are observed to be reproducing in numbers that appear normal or near-normal in comparison to low browse areas. For example, trilliums may flower and fruit, but jewelweed and arrowwood viburnum exhibit browse.

MEDIUM: browse affects greater than 10 percent and less than 25 percent of stems in the 1 m² nested quadrat and intensive module. A browse line is usually not evident or obvious for all classes and species of plants.

MEDIUM HIGH values include evidence of a browse line and 25 percent of stems browsed with very little vegetation regeneration evident. In this rating, for some species of plants, reproduction does not appear to occur or it is very severely limited.

HIGH: greater than 25 percent of the stems of plants in the 1 m² nested quadrat and intensive module **AND** a browse line is evident.

VERY HIGH values include extensive browse conditions, where the browse line is very evident **AND** almost all seedlings and herbs are severely browsed or missing. Browse line may be 5 to 6 feet in height with no or little green growth beneath.



VERMONT STATE FORESTS Plant Community Assessment Program Species Cover Data Sheet

Page 3 of 4

Project Label: PCAP

Total modules:

Intensive modules: 21/Be20

Plot no.: 1175

Plot configuration:

Plot area (ha):

Visual est. % open water entire site:

Visual est. %unveg. o.w. entire site:

Visual est. %invasives entire site:



B/L = Browse Level. Use cover classes to describe amount of browse per species over entire plot

Strata - Cover entire plot

%unveg. ground (bare soil)

%unveg. litter (bare litter)

Estimate for each

Intensive module:

depth cov depth cov

%unvegetated open water

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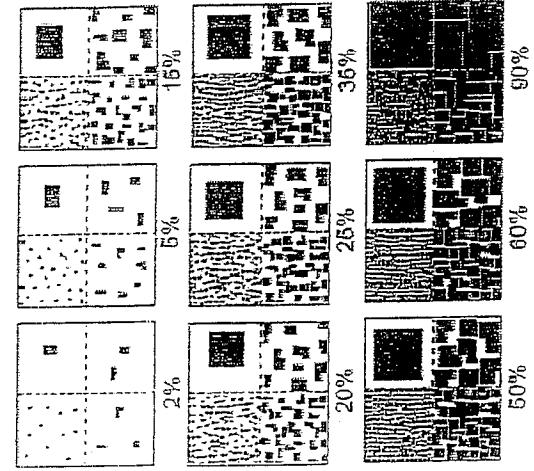
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EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for various field situations to convey "Amount" or "Density". NOTE: Within any given plot, each quadrat contains the same total area covered, just different stand densities.



BROWSE RATING NARRATIVE DESCRIPTION

LOW OR NONE: there is no measurable browse line
AND there are very few or no plants 1-m nested quadrat
and intensive module. In general, low values relate to
less than 10 percent by numbers of stems browsed.

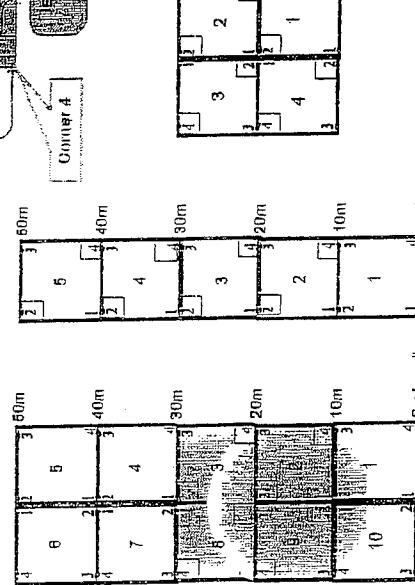
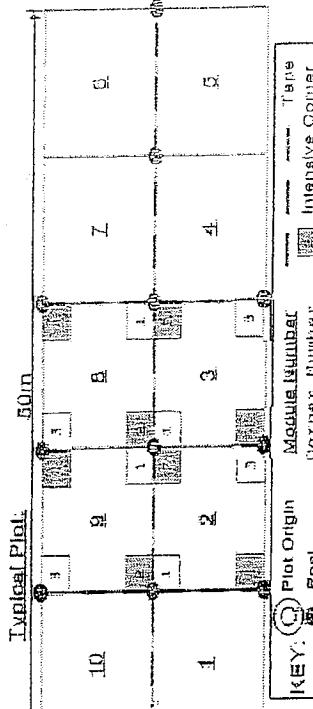
MEDIUM LOW values include evidence of browse at
about 10 percent of the stems with no significant impact
to plant reproduction evident. In this rating, plants are
browsed but preferential species are observed to be
reproducing in numbers that appear normal or near-
normal in comparison to low browse areas. For
example, trilliums may flower and fruit, but jewelweed

and arrowwood viburnum exhibit browse.

MEDIUM: browse affects greater than 10 percent and
less than 25 percent of stems in the 1 m² nested
quadrat and intensive module. A browse line is usually
not evident or obvious for all classes and species of
preferential browse and/or browse lines for some species
of plants.

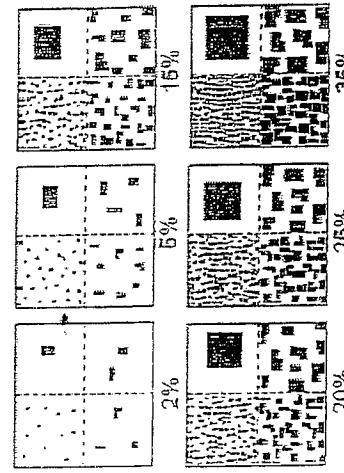
MEDIUM HIGH values include evidence of a browse line
and 25 percent of stems browsed with very little
vegetation regeneration evident. In this rating, for some
species of plants, reproduction does not appear to occur
or it is very severely limited.
HIGH: greater than 25 percent of the stems of plants in
the 1 m² nested quadrat and intensive module AND a
browse line is evident.

VERY HIGH values include extensive browse conditions,
where the browse line is very evident AND almost all
seedlings and herbs are severely browsed or missing.
Browse line may be 5 to 6 feet in height with no or little
green growth beneath.



EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for various data elements to convey "Amount" or "Quality". **Q1F:** Within any given look, each quadrant contains the same total area covered, just different sized polygons.



BROWSE RATING NARRATIVE DESCRIPTION

LOW OR NONE: there is no measurable browse line

AND there are very few or no plants 1-m nested quadrat and intensive module. In general, low values relate to less than 10 percent by numbers of stems browsed.

MEDIUM LOW values include evidence of browse at about 10 percent of the stems with no significant impact to plant reproduction evident. In this rating, plants are browsed but preferential species are observed to be reproducing in numbers that appear normal or near-normal in comparison to low browse areas. For example, trilliums may flower and fruit, but jewelweed

and arrowwood viburnum exhibit browse.

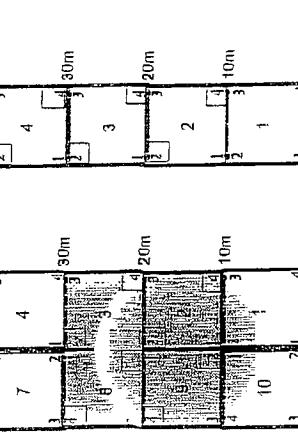
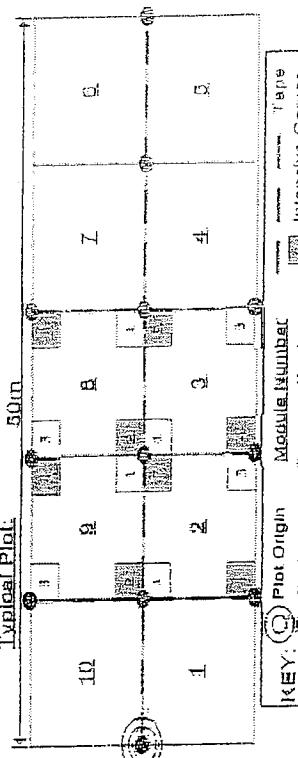
MEDIUM: browse affects greater than 10 percent and less than 25 percent of stems in the 1 m² nested quadrat and intensive module. A browse line is usually

not evident or obvious for all classes and species of vegetation, but careful examination may show preferential browse and/or browse lines for some species of plants.

MEDIUM HIGH values include evidence of a browse line and 25 percent of stems browsed with very little vegetation regeneration evident. In this rating, for some species of plants, reproduction does not appear to occur or it is very severely limited.

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VERY HIGH values include extensive browse conditions, where the browse line is very evident AND almost all seedlings and herbs are severely browsed or missing. Browse line may be 5 to 6 feet in height with no or little green growth beneath.



CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

Project Name: CIBe201 Plot No.: 1175

Page: 1 of 2 Elevation: 400ft

Explain subsample (additional room on back):

| mod # | species | C vouch# | # stems 0.5-m browsed | % sub or super sample | # clumps | size class (cm) woody stems >1m | woody stems >1m | | | | | | | | | | |
|-------|--------------------------|-------------|-----------------------------|-----------------------------|-------------|---------------------------------|-----------------|-------|--------|--------|--------|--------|--------|--------|------------------------|------|----|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| -1 | Acer saccharum | 0 | vouch# | browsed | 0-<1 | 1-<2.5 | 2.5-<5 | 5-<10 | 10-<15 | 15-<20 | 20-<25 | 25-<30 | 30-<35 | 35-<40 | >40 (record each tree) | | |
| -1 | <i>Fagus grandifolia</i> | | | | | | | | | | | | | | | 57.9 | |
| -2 | Acer saccharum | | | | | | | | | | | | | | | | |
| -2 | Standing dead | | | | | | | | | | | | | | | | |
| -3 | <i>Fagus grandifolia</i> | | | | | | | | | | | | | | | | |
| -3 | Acer saccharum | | | | | | | | | | | | | | | | |
| -3 | Standing dead | | | | | | | | | | | | | | | | |
| -3 | <i>Fagus grandifolia</i> | | | | | | | | | | | | | | | | |
| -3 | <i>Ostrya virginiana</i> | | | | | | | | | | | | | | | | |
| -3 | <i>Quercus rubra</i> | | | | | | | | | | | | | | | | |
| -4 | Acer saccharum | | | | | | | | | | | | | | | | |
| -4 | Standing dead | | | | | | | | | | | | | | | | |
| -4 | <i>Fagus grandifolia</i> | | | | | | | | | | | | | | | | |
| -4 | Acer rubrum | | | | | | | | | | | | | | | | |
| -5 | <i>Fagus grandifolia</i> | | | | | | | | | | | | | | | | |
| -5 | Standing dead | | | | | | | | | | | | | | | | |
| -5 | Acer rubrum | | | | | | | | | | | | | | | | |
| -5 | <i>Cornus florida</i> | | | | | | | | | | | | | | | | |
| -5 | Acer saccharum | | | | | | | | | | | | | | | | |
| -5 | <i>Quercus alba</i> | | | | | | | | | | | | | | | | |
| -6 | Acer saccharum | | | | | | | | | | | | | | | | |
| -6 | Acer rubrum | | | | | | | | | | | | | | | | |
| -6 | <i>Fagus grandifolia</i> | | | | | | | | | | | | | | | | |

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

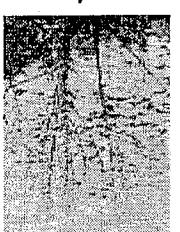
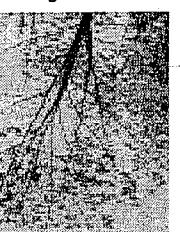
Project Name: 0/Bel20/1

Page: 2

Page: 2 of 2

Explain subsample (additional room on back)

| | | | | |
|---|---|---|--|---|
| <p style="text-align: center;">ASH CANOPY BREAKUP CONDITION (for dead trees):</p> <p style="text-align: center;">(if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)</p> | | | | |
| A | B | C | D | E |
|  |  |  |  |  |

| | | | | |
|---|---|---|---|---|
| <p style="text-align: center;">ASH CANOPY CONDITION</p> | | | | |
| 1 | 2 | 3 | 4 | 5 |
|  |  |  |  |  |

| | |
|---|--|
| <p style="text-align: center;">DBH Measurement Rules</p> <p>The diagram illustrates several methods for measuring tree diameter at breast height (DBH): <ul style="list-style-type: none"> 1. LIVE TREE ON GROUND: Shows a tree standing upright with a DBH point marked at 4.5' from the ground. 2. THINNING SAWING: Shows a tree being cut down with a DBH point marked at 4.5' from the ground. 3. LAYING DOWN: Shows a tree lying horizontally with a DBH point marked at 4.5' from the ground. 4. STANDING PINE: Shows a pine tree standing vertically with a DBH point marked at 4.5' from the ground. 5. TALL PINE: Shows a tall pine tree standing vertically with a DBH point marked at 4.5' from the ground. 6. TALL DEER BROWSE: Shows a tall tree with deer browse at the top, with a DBH point marked at 4.5' from the ground. 7. TALL DEER BROWSE ON LOG: Shows a tall tree with deer browse at the top, with a DBH point marked at 4.5' from the ground. 8. TALL DEER BROWSE ON LOG: Shows a tall tree with deer browse at the top, with a DBH point marked at 4.5' from the ground. 9. TALL DEER BROWSE ON LOG: Shows a tall tree with deer browse at the top, with a DBH point marked at 4.5' from the ground. 10. TALL DEER BROWSE ON LOG: Shows a tall tree with deer browse at the top, with a DBH point marked at 4.5' from the ground. </p> | |
| Woody Stem Deer Browse | Record using the tally system from 1 to 10 |
| <p>Record the number of stems/plants between 0.5-1.0 meters tall that exhibit evidence of this years deer browse.</p> <p></p> | |

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

Project Label: PCAP Project Name: OB2011

Plot No.: 1175

Page: 1 of 1

COVER BY STRATA (%) estimate using
metpoints of ter. 3, 1, 3, 18%)

| Strata Height Range | Total Cover (%) |
|---|-----------------|
| Tre ^e 5 - X | 93 |
| Shrub 0.5-5 | 83 |
| Herb X-10.5 | 3 |
| (Floating)* - | - |
| (Aquatic)** - | - |
| • rooted and floating or slightly emersed | |
| ** submerged; most plant mass below surface | |

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

| EARTH SURFACE & GROUND COVER | |
|-------------------------------------|--------------|
| Underlying Earth Surf. ^c | Ground Cover |
| (Sum = 100%) | percent |
| Histsol | - |
| Mined Soil | 99 |
| Gravel-Cobble* | 1 |
| Boulder** | ~ |
| Bedrock | - |
| * Gravel-Cobble = 1/16 to 10 in | |
| **Boulder = > 10 in | |
| ...>5 cm in diameter | |
| <5 cm in diameter | |
| Other | |
| Bare Soil | 2 |
| Rock/Trail | 8 |
| Water | |
| Bryophyte-Lichen | 0 |
| Deer | 3 |

Remember: in a standard 2x5 plot each module = 10% cover

MICROTERRAINIC FEATURE COUNTS - Intensive modules only

Ranks for microhabitat features. Select one or select two and average the score. NOTE: If mod fails on a slope automatically gets ranked based on steepness (1-3)

Slope 1 = slight elevational grade across module (hill)

Slope 2 = fails on slope ~20°

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

0 feature is absent or functionally absent (Golf Course Flat)

1 feature is present in very small amounts, or if more common, of low quality

2 feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality

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

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

c.w.d. - count for pieces with minimum length

| no. of tufts | no. of hummocks | no macro depressions | c.w.d. (2-12 cm) | c.w.d. (12-40cm) | c.w.d. (>40 cm) | microhab. | microhab. |
|--------------|-----------------|----------------------|------------------|------------------|-----------------|-------------|-------------|
| depth 3 | depth 2 | depth 1 | depth 1 | depth 1 | depth 1 | interspers. | interspers. |
| 1x1m | 3.6x3.6cm | 10x10cm | 10x10cm | 10x10cm | 10x10cm | depth 1 | depth 1 |
| mod# | corner | (count) | (count) | (count) | (count) | (rank) | (rank) |

| | | | | | | | | |
|----------|------------|----------|----------|-----------|-----------|----------|----------|----------|
| 2 | 2 | 0 | 0 | 10 | 0 | 0 | 1 | 1 |
| 3 | 2.4 | 0 | 0 | 1 | 9 | 0 | 1 | 0 |
| 8 | 2.4 | 0 | 0 | 2 | 15 | 1 | 0 | 0 |
| a | 2.4 | 0 | 0 | 0 | 11 | 0 | 1 | 0 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: tussocks and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.
macro depressions = macrotopographic depressions with module. These may extend into other modules and be counted again.
c.w.d. = coarse woody debris
microhab. Interspers. = overall ranking of plot/micropotographic interspersion complexity using scale below

TRAIL INFORMATION: If trail falls in plot record type and cover for each:

| Type | %Cover |
|----------------------|----------|
| All Purpose | 5 |
| Bridge | |
| Hiking sanctioned | |
| Boatleg unsanctioned | |
| Gravel | |
| Deer | 3 |

CROWN COVER (DENSIMETER): Make 4 readings per module facing N, S, E, W Place (4 dots per grid square)

| Module | N | S | E | W |
|--------|----------|----------|----------|----------|
| 2 | 1 | 1 | 1 | 1 |
| 3 | 2 | 1 | 1 | 1 |
| 8 | 4 | 0 | 3 | 2 |
| 9 | 1 | 1 | 3 | 0 |

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

LFI*, TSI**

| | |
|---|---|
| LFI is angle of plot to the horizontal. TSI is angles formed by local slopes. For TSI measure angle from records to eye of person standing ~10 m away | LFI is angle of plot to the horizontal. TSI is angles formed by local slopes. For TSI measure angle from records to eye of person standing ~10 m away |
| +45 degrees | NE |
| +90 degrees | E |
| +135 degrees | SE |
| +180 degrees | S |
| +225 degrees | SW |
| +270 degrees | W |
| +315 degrees | NW |

* Landform Index (position within landscape)
** Terrain Shape Index (site micropotographic shape)

COVER BY STRATA

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

*Very tall shrubs are sometimes included in the tree stratum
**Can also include seedlings of shrubs, i.e. all shrubs <0.5m
***Tree seedlings are often defined as up to 1.4 m height or as <2.5 cm DBH in which case they would span the herb and shrub layers.

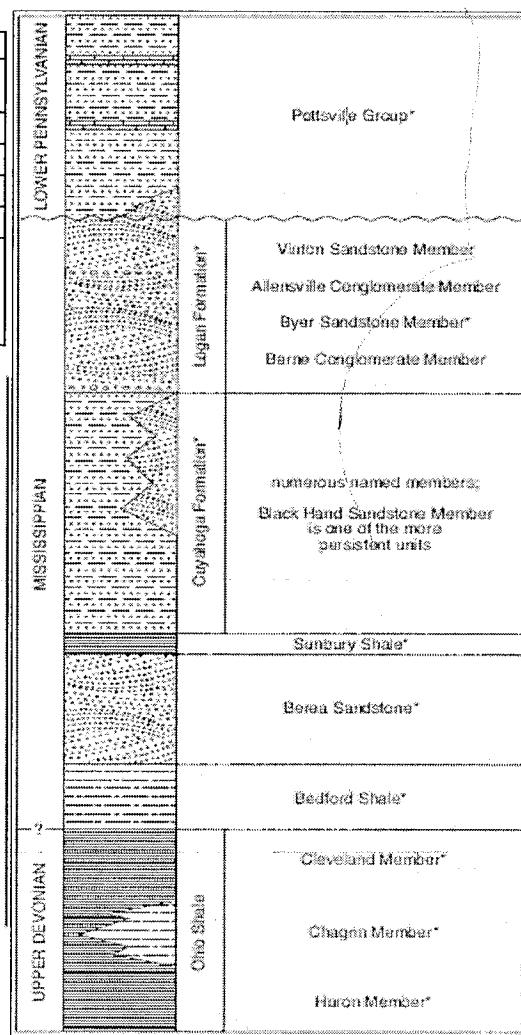
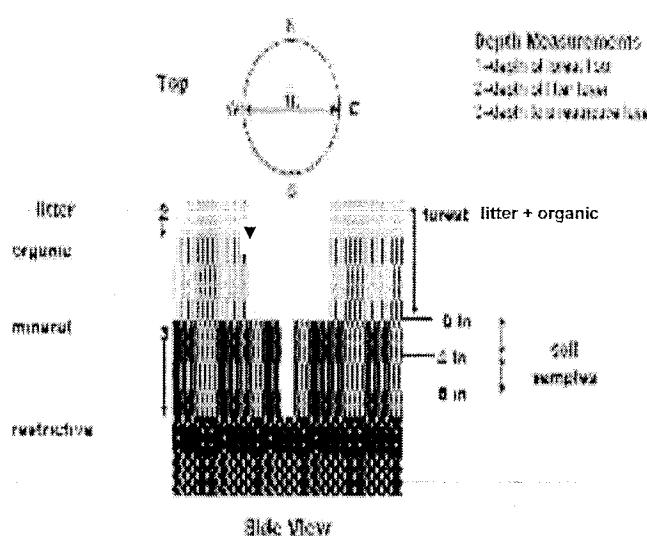


FIGURE 3-20.—Generalized section of Upper Devonian Mississippian and Lower Pennsylvanian formations in northwestern Ohio. Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the thicknesses indicate approximate proportional. The term "Waverly" is used in the older literature to refer to Mississippian rocks in Ohio. Some geologists use the European term "Carboniferous," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Formation, but most units are local and cannot be traced over great distances. The Black Hand Member is a spectacular massive sandstone that is fairly widespread but discontinuous. See Hyde (1952), Hoover (1960), and Collins (1979) for more information on Mississippian rocks in Ohio. See figure 3-18 for explanation of rock types.

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet

 Cleveland Metroparks

Project label: PCAP Project Name: OBBeZO1

Plot No.: 1175

Page: 1 of 1

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

Soil pit module # 2 (one per entire plot)

| | | |
|------------------|-------------------------------------|----------------------------|
| 5 cm | matrix color | <u>10 YR 2/2</u> |
| | mottle color | <u>—</u> |
| % mottle | <u>—</u> | |
| oxid roots | <u>Y</u> | <u>N</u> |
| texture* | <u>1</u> | |
| redox features** | <u>Y</u> | <u>N</u> |
| hydr cond.*** | <u>I</u> | <u>S</u> <u>M</u> <u>D</u> |
| 20 cm | matrix color | <u>10 YR 5/3</u> |
| | mottle color | <u>—</u> |
| % mottle | <u>—</u> | |
| oxid roots | <u>Y</u> | <u>N</u> |
| texture* | <u>1</u> | |
| redox features** | <u>Y</u> | <u>N</u> |
| hydr. cond.*** | <u>I</u> <u>S</u> <u>M</u> <u>D</u> | |

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

Soil Collection Module Horizon (A, B, C)

| Module # | C? | Corner | Corner |
|----------|-----------|--------|--------|
| 2,3,8,9 | composted | A | |
| | | | |
| | | | |
| | | | |

Soil Description/notes:

20 cm matrix color 10 YR 5/3

20 cm matrix color 10 YR 5/3

Web Soil Survey Information:

Soil Series/Type: Brecksville Silt Loam

Soil Series Source: Ohio Soil Survey

Landform type: Drainage ways

Parent Material: Residuum weathered from shale

DRAINAGE*

Excessively drained

Somewhat excessively

Well drained

Moderately well dr.

Somewhat poorly dr.

Poorly dr.

Very poorly dr.

Impermeable surface

STANDING BIOMASS (required for emergent wetlands): collected in 0.1m clip plots (32x32 cm) from corners 1 and 3 in each intensive module. Required for VIBI-E score calculation. C? -check when collected

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

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

| mod# | 1 litter + organic depth (cm) | 2 litter depth(cm) | 3 restrict. depth(cm) | water depth (cm) | sat soil depth (cm) |
|------|-------------------------------|--------------------|-----------------------|------------------|---------------------|
| 2 | <u>0.75</u> | <u>0.75</u> | <u>4.6</u> | <u>0</u> | <u>>30</u> |
| 3 | <u>1.0</u> | <u>1.0</u> | <u>3.1</u> | <u>0</u> | <u>>30</u> |
| 8 | <u>2.5</u> | <u>2.5</u> | <u>4.4</u> | <u>0</u> | <u>>30</u> |
| 9 | <u>3.0</u> | <u>3.0</u> | <u>6.3</u> | <u>0</u> | <u>>30</u> |

Length of soil probe = 125 cm

* Use Web Soil Survey for #3 Restrictive layer dept.

Depth to Restrict. 20-40 in



Top 10 cm: Organic horizon (depth to first 10 cm)

10-20 cm: 1. litter + organic mineral soil (depth to 2nd 10 cm)

20-40 cm: mineral soil (depth to 3rd 10 cm)

40-60 cm: mineral soil (depth to 4th 10 cm)

60-80 cm: mineral soil (depth to 5th 10 cm)

80-100 cm: mineral soil (depth to 6th 10 cm)

100-120 cm: mineral soil (depth to 7th 10 cm)

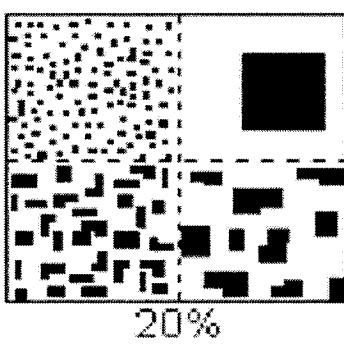
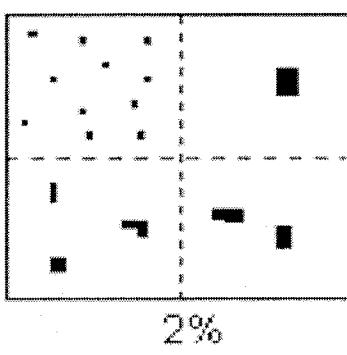
120-125 cm: mineral soil (depth to 8th 10 cm)

125 cm: mineral soil (depth to 9th 10 cm)

130 cm: mineral soil (depth to 10th 10 cm)

PERCENT MOTTLES (USE CLASS CODES):

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



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

0= Organic

1= Loamy

2= Clayey

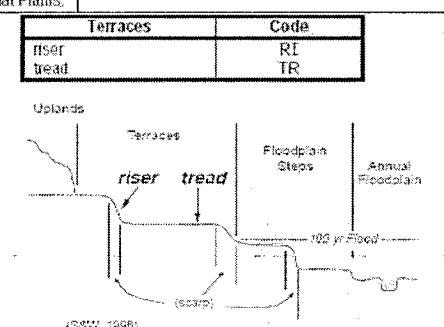
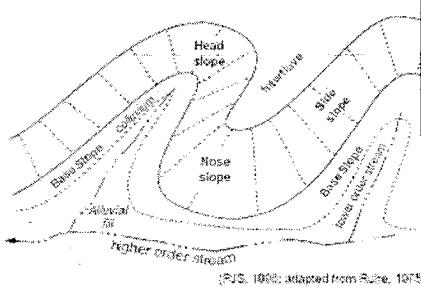
3= Sandy

4= Coarse Sand

9= Not measured - make plot note

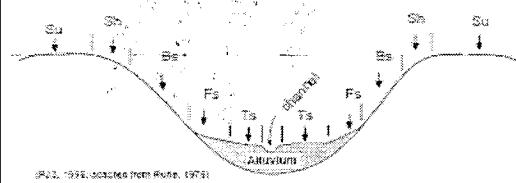
Geomorphic Component Three-dimensional descriptors of parts of landforms or microfeatures that are best applied to areas. Unique descriptors are available for Hills, Terraces, Mountains, and Flat Plains; e.g., (for Hills) nose slope or NS.

| Hills | Code PDP | Code NASIS |
|------------|-------------|---------------|
| interfluve | IF | IF |
| head slope | HS | HS |
| nose slope | NS | NS |
| side slope | SS | SS |
| base slope | — | BS |



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

| Position | Code |
|-----------|------|
| summit | SU |
| shoulder | SH |
| backslope | BS |
| footslope | FS |
| toeslope | TS |



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

UPLAND: Not a wetland. Very rarely flooded.

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

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

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

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

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

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

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

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

CLEVELAND METROPARKS Emerald Ash Borer - *Fraxinus* SheetProject Label: PCAPProject Name: OIBZ201INTENSIVE MODULES ONLY TREES $\geq 10\text{cm}$ ONLYPlot No.: 175 Date: 3-1-11

Page: 1 of 2

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| Module | Tree ID. | Species | Dead c | Voucher # | DBH (cm) | Ht @ DBH | Ash condition | Dead condition | ASH Only | | |
|--------|----------|---------|--------|-----------|----------|----------|---------------|----------------|-------------|-------------------|------------------|
| | | | | | | | | | # Ext holes | Epicormic present | Woodpecker holes |
| 1 | No Ash | | | | | | | | | | |
| 2 | | | | | | | | | | | |
| 3 | | | | | | | | | | | |
| 4 | | | | | | | | | | | |
| 5 | | | | | | | | | | | |
| 6 | | | | | | | | | | | |
| 7 | | | | | | | | | | | |
| 8 | | | | | | | | | | | |
| 9 | | | | | | | | | | | |
| 10 | | | | | | | | | | | |
| 11 | | | | | | | | | | | |
| 12 | | | | | | | | | | | |
| 13 | | | | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | | | | | | | | | | | |
| 18 | | | | | | | | | | | |
| 19 | | | | | | | | | | | |
| 20 | | | | | | | | | | | |
| 21 | | | | | | | | | | | |
| 22 | | | | | | | | | | | |
| 23 | | | | | | | | | | | |
| 24 | | | | | | | | | | | |
| 25 | | | | | | | | | | | |

*** Change intensive module numbers when necessary

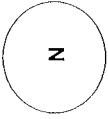
Baseline

9

8

2

3

Map all ash trees $\geq 10\text{cm}$ in each module using Tree ID number

- * If Ash Condition scores 5 (dead) provide breakup score (A-E)
- Count EAB exit holes $1.25\text{cm}^2 \times \geq 1.5\text{m}$
- Woodpecker and epicormic marked present (1) or absent (0)

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



| Tier 1: Early detection/ Rapid response | | Presence | | | | GPS |
|---|---------------------|----------|----|----|----|-----|
| | | NE | SE | SW | NW | |
| <i>Microstegium vimineum</i> | Japanese stiltgrass | | | | | |
| <i>Ranunculus ficaria</i> | Lesser Celandine | | | | | |
| <i>Cynanchum louiseae</i> (vine) | Black Swallow-wort | | | | | |
| <i>Butomus umbellatus</i> (wetland) | Flowering Rush | | | | | |
| <i>Heracleum mantegazzianum</i> | Giant Hogweed | | | | | |

| Presence |
|----------|
| X: yes |

| Tier 2: Assess as Needed | | # of Plants | | | | comments |
|--|---------------------------|-------------|----|----|----|----------|
| | | NE | SE | SW | NW | |
| <i>Acer platanoides</i> | Norway Maple | | | | | |
| <i>Ailanthus altissima</i> | Tree of Heaven | | | | | |
| <i>Lonicera japonica</i> (vine) | Japanese Honeysuckle | | | | | |
| <i>Lythrum salicaria</i> (wetland) | Purple Loosestrife | | | | | |
| <i>Aegopodium podagraria</i> (G-cover) | Bishop's Goutweed | | | | | |
| <i>Celastrus orbiculatus</i> (vine) | Asian Bittersweet | | | | | |
| Torilis sp. | Hedgeparsley | | | | | |
| <i>Conium maculatum</i> (wetland) | Poison Hemlock | | | | | |
| <i>Rhamnus cathartica</i> | Common Buckthorn (shrub) | | | | | |
| <i>Berberis thunbergii</i> | Japanese Barberry (shrub) | I | I | I | I | |
| <i>Alnus glutinosa</i> | European Alder | | | | | |
| <i>Dipsacus laciniatus</i> | Cut-leaf Teasel | | | | | |
| <i>Elaeagnus umbellata</i> | Autumn Olive (shrub) | | | | | |
| <i>Lonicera maackii</i> | Amur Honeysuckle (shrub) | | | | | |
| <i>Euonymus fortunei</i> | Wintercreeper | | | | | |

| # of Plants |
|--------------|
| 1: 1-10 |
| 2: 11-50 |
| 3: 51-100 |
| 4: 101-1,000 |
| 5: >1,000 |

| Tier 3: Presence is of Interest | | # of Plants | | | | comments |
|---|-----------------------------|-------------|----|----|----|----------|
| | | NE | SE | SW | NW | |
| <i>Convallaria majalis</i> (G-cover) | Lily of the Valley | | | | | |
| <i>Coronilla varia</i> (G-cover) | Crown Vetch | | | | | |
| <i>Eleutherococcus pentaphyllus</i> | Five-leaf Aralia (shrub) | | | | | |
| <i>Pachysandra terminalis</i> (G-cover) | Japanese Pachysandra | | | | | |
| <i>Philadelphus coronarius</i> | Mock Orange (shrub) | | | | | |
| <i>Pulmonaria officinalis</i> (G-cover) | Lungwort | | | | | |
| <i>Rubus phoenicolasius</i> | Wineberry | | | | | |
| <i>Iris pseudacorus</i> (wetland) | Yellow Flag Iris | | | | | |
| <i>Ornithogalum umbellatum</i> | Star of Bethlehem | | | | | |
| <i>Viburnum opulus</i> var. <i>opus</i> | European Cranberry (shrub) | | | | | |
| <i>Viburnum plicatum</i> | Doublefile Viburnum (shrub) | | | | | |

| # of Plants |
|--------------|
| 1: 1-10 |
| 2: 11-50 |
| 3: 51-100 |
| 4: 101-1,000 |
| 5: >1,000 |

| Tier 4: Widespread and abundant | | Presence | | | | comments |
|--|---------------------------|----------|----|----|----|----------|
| | | NE | SE | SW | NW | |
| <i>Alliaria petiolata</i> | Garlic Mustard | X | X | | | |
| <i>Ligustrum vulgare</i> | Common Privet (shrub) | | | | | |
| <i>L. morrowii</i> , <i>L. tatarica</i> | Bush Honeysuckles (shrub) | | X | | | |
| <i>Phalaris arundinacea</i> | Reed Canarygrass | | | | | |
| <i>Phragmites australis</i> (wetland) | Phragmites | | | | | |
| <i>Polygonum cuspidatum</i> | Japanese Knotweed | | | | | |
| <i>Frangula alnus</i> | Glossy Buckthorn (shrub) | X | | X | | |
| <i>Rosa multiflora</i> | Multiflora Rose (shrub) | X | X | X | | |
| <i>Typha angustifolia</i> , <i>T. x glauca</i> | Cattails (wetland) | | X | | | |
| <i>Cirsium arvense</i> | Canada thistle | X | | | | |
| <i>Dipsacus fullonum</i> | Common Teasel | | X | | | |
| <i>Hesperis matronalis</i> | Dame's Rocket | | | | | |
| <i>Vinca minor</i> (G-cover) | Periwinkle | | | | | |

| Presence |
|----------|
| X: yes |

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

RM B-1: BUFFER SAMPLE PLOTS

Reviewed by (initial): _____

Site ID: PKAP1175 Be

DATE: 08/01/2011

Location:

 AA Center N S E W

Fill in bubble(s) if plot(s) could not be sampled and flag →

 Plot 1 Plot 2 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 (>75%).

| Buffer Plot 1 | Canopy Type: <input checked="" type="radio"/> D <input type="radio"/> E | | Absent: <input type="radio"/> | Buffer Plot 2 | Canopy Type: <input type="radio"/> D <input type="radio"/> E | | Absent: <input type="radio"/> | Buffer Plot 3 | Canopy Type: <input type="radio"/> D <input type="radio"/> E | | Absent: <input type="radio"/> | | | |
|---------------------------------------|---|------------------------------------|------------------------------------|------------------------------------|--|--|-------------------------------|---------------|--|-------------------------|-------------------------------|-------------------------|-------------------------|-------------------------|
| | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | | | | Leaf Type: <input type="radio"/> B <input type="radio"/> N | | | | Leaf Type: <input type="radio"/> B <input type="radio"/> N | | | | | |
| Big Trees (>0.3m DBH) | <input type="radio"/> 0 | <input type="radio"/> 1 | <input checked="" type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Big Trees (>0.3m DBH) | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Small Trees (<0.3m DBH) | <input checked="" type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Small Trees (<0.3m DBH) | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | <input checked="" type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Woody Shrubs, Saplings (0.5m-5m HIGH) | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Woody Shrubs, Saplings (<0.5m HIGH) | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Herbs, Forbs and Grasses | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input checked="" type="radio"/> 3 | <input type="radio"/> 4 | | | | Herbs, Forbs and Grasses | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Bare ground | <input type="radio"/> 0 | <input checked="" type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Bare ground | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Litter, duff | <input checked="" type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Litter, duff | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Rock | <input checked="" type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Rock | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Water | <input checked="" type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Water | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |
| Submerged Vegetation | <input checked="" type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 | | | | Submerged Vegetation | <input type="radio"/> 0 | <input type="radio"/> 1 | <input type="radio"/> 2 | <input type="radio"/> 3 | <input type="radio"/> 4 |

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.

| Residential and Urban Stressors | | | | Hydrology Stressors | | | | Agricultural & Rural Stressors | | | | | | | |
|---------------------------------|----------------------------------|-----------------------|-----------------------|---------------------|--|-----------------------|-----------------------|--------------------------------|------|--|-----------------------|-----------------------|-----------------------|------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Road - gravel | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Ditches, Channelization | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Pasture/hay | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Road - two lane | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Dike/Dam/Road/RR Bed (IMPEDE FLOW) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Range | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Road - four lane | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Water Level Control Structure | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Row Crops | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Parking Lot/Pavement | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Excavation, Dredging | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Fallow Field (RECENT RESTING ROW CROP FIELD) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Golf Course | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Hill/Spoil Banks | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Fallow Field (OLD - GRASS, SHRUBS, TREES) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Lawn/Park | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Freshly Deposited Sediment (UNVEGETATED) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Nursery | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Suburban Residential | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Soil Loss/Roof Exposure | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Dairy | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Urban/Multifamily | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Wall/Riprap | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Orchard | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Landfill | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Inlets, Outlets | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Confined Animal Feeding | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Dumping | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Point Source/Pipe (EFFLUENT OR STORMWATER) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Rural Residential | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Trash | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Impervious surface input (SHEET FLOW) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Gravel Pit | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Irrigation | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |

| Industrial Development Stressors | | | | Habitat/Vegetation Stressors | | | | | | | | | | | |
|----------------------------------|-----------------------|-----------------------|-----------------------|------------------------------|--|-----------------------|-----------------------|-----------------------|------|--|----------------------------------|-----------------------|-----------------------|------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Oil Drilling | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Forest Clear Cut | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Herbicide Use | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Gas Wells | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Forest Selective Cut | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Mowing/Shrub Cutting | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Mine (surface) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Tree Plantation | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Trails | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | / | |
| Mine (underground) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Tree Canopy Herbivory (INSECT) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Soil Compaction (ANIMAL OR HUMAN) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Military | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Shrub Layer browsed (WILD OR DOMESTIC) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Offroad vehicle damage | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Highly Grazed Grasses (OVERALL <3" HIGH) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Soil erosion (FROM WIND, WATER OR OVERUSE) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Recently Burned Forest Canopy | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Recently Burned Grassland (BLACKENED) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |

Flag codes: K = No measurement made, U = Suspect measurement, F1,F2, etc. = misc. flags assigned by each field crew.

2428168304

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

1 AP1

Flag Comments

Use Decimal Degrees; NAD83

Latitude North 41 37 35.2 Longitude West -81 81 52.1

AA CENTER O 3 O 33 O 3 O W3 O Nearest Practicable Location (Flag and comment below)

Location of coordinates (choose one):

Flag

If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transsects and the nearest practicable location will in the "nearest practicable location" bubble. Fill in the flag box, and describe where the coordinates will indicate the location of the nearest practicable location. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.

Provide GPS coordinates at the center of each Buffer Plot (#3) at the far end of each Buffer transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.

PLOT COORDINATES

| Fill bubble if present - Plot 1 | 2 | 3 | Flag | Fill bubble if present - Plot 1 | 2 | 3 | Flag | Fill bubble if present - Plot 1 | 2 | 3 | Flag | Fill bubble if present - Plot 1 | 2 | 3 | Flag |
|---------------------------------|-----------------------|-----------------------|-----------------------|---------------------------------|-----------------------|-----------------------|----------------------|---------------------------------|-----------------------|-----------------------|-----------------------|---------------------------------|-----------------------|-----------------------|-----------------------|
| Eucalyptus | <input type="radio"/> | <input type="radio"/> | Purple - Oosette tree | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Leatherwood | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Buckthorn | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Japonese Knotweed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Multiflora Rose | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Giant Salvinia | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Knotweed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Rudbeckia | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Giant Muskrat | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Perennial Pepperweed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Himalayan Blackberry | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Mile-A-Minute Weed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Giant Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Reed Canary Grass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Birdfoot Trefoil | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Cheatgrass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Canadian Thistle | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Early Spruce | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Tamnisk | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glasswort | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
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| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Glass | | | | | | | | |

RM B-1: BUFFER SAMPLE PLOTS

Reviewed by (initial): _____

Site ID: PCAP1175Be

DATE: 08/01/2011

Location:

O AA Center O N O S O E O W

Fill in bubble(s) if plot(s) could not be sampled and flag -->

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 (>75%)

| Buffer Plot 1 | Canopy Type: D E | | Absent: O | Buffer Plot 2 | Canopy Type: D E | | Absent: O | Buffer Plot 3 | Canopy Type: D E | | Absent: O |
|---------------------------------------|------------------|-----|-----------|---------------------------------------|------------------|-----|-----------|---------------------------------------|------------------|-----|-----------|
| | Leaf Type: B N | | Flag | | Leaf Type: B N | | Flag | | Leaf Type: B N | | Flag |
| Big Trees (>0.3m DBH) | (D) | (E) | 0 1 2 3 4 | Big Trees (>0.3m DBH) | (D) | (E) | 0 1 2 3 4 | Big Trees (>0.3m DBH) | (D) | (E) | 0 1 2 3 4 |
| Small Trees (<0.3m DBH) | (D) | (E) | 0 1 2 3 4 | Small Trees (<0.3m DBH) | (D) | (E) | 0 1 2 3 4 | Small Trees (<0.3m DBH) | (D) | (E) | 0 1 2 3 4 |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | (D) | (E) | 0 1 2 3 4 | Woody Shrubs, Saplings (0.5m-5m HIGH) | (D) | (E) | 0 1 2 3 4 | Woody Shrubs, Saplings (0.5m-5m HIGH) | (D) | (E) | 0 1 2 3 4 |
| Woody Shrubs, Saplings (<0.5m HIGH) | (D) | (E) | 0 1 2 3 4 | Woody Shrubs, Saplings (<0.5m HIGH) | (D) | (E) | 0 1 2 3 4 | Woody Shrubs, Saplings (<0.5m HIGH) | (D) | (E) | 0 1 2 3 4 |
| Herbs, Forbs and Grasses | (D) | (E) | 0 1 2 3 4 | Herbs, Forbs and Grasses | (D) | (E) | 0 1 2 3 4 | Herbs, Forbs and Grasses | (D) | (E) | 0 1 2 3 4 |
| Bare ground | (D) | (E) | 0 1 2 3 4 | Bare ground | (D) | (E) | 0 1 2 3 4 | Bare ground | (D) | (E) | 0 1 2 3 4 |
| Litter, duff | (D) | (E) | 0 1 2 3 4 | Litter, duff | (D) | (E) | 0 1 2 3 4 | Litter, duff | (D) | (E) | 0 1 2 3 4 |
| Rock | (D) | (E) | 0 1 2 3 4 | Rock | (D) | (E) | 0 1 2 3 4 | Rock | (D) | (E) | 0 1 2 3 4 |
| Water | (D) | (E) | 0 1 2 3 4 | Water | (D) | (E) | 0 1 2 3 4 | Water | (D) | (E) | 0 1 2 3 4 |
| Submerged Vegetation | (D) | (E) | 0 1 2 3 4 | Submerged Vegetation | (D) | (E) | 0 1 2 3 4 | Submerged Vegetation | (D) | (E) | 0 1 2 3 4 |

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.

| Residential and Urban Stressors | | | | Hydrology Stressors | | | | Agricultural & Rural Stressors | | | | | | | |
|---------------------------------|---|---|---|---------------------|--|---|---|--------------------------------|------|--|---|---|---|------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Road - gravel | O | O | O | | Ditches, Channelization | O | O | O | | Pasture/Hay | O | O | O | | |
| Road - two lane | O | O | O | | Dike/Dam/Road/RR Bed (IMPEDE FLOW) | O | O | O | | Range | O | O | O | | |
| Road - four lane | O | O | O | | Water Level Control Structure | O | O | O | | Row Crops | O | O | O | | |
| Parking Lot/Pavement | O | O | O | | Excavation, Dredging | O | O | O | | Fallow Field (RECENT RESTING ROW CROP FIELD) | O | O | O | | |
| Golf Course | O | O | O | | Hill/Spill Banks | O | O | O | | Fallow Field (OLD GRASS, SHRUBS, TREES) | O | O | O | | |
| Lawn/Park | O | O | O | | Freshly Deposited Sediment (UNVEGETATED) | O | O | O | | Nursery | O | O | O | | |
| Suburban Residential | O | O | O | | Soil Loss/Roof Exposure | O | O | O | | Dairy | O | O | O | | |
| Urban/Multifamily | O | O | O | | Wall/Riprap | O | O | O | | Orchard | O | O | O | | |
| Landfill | O | O | O | | Inlets, Outlets | O | O | O | | Confined Animal Feeding | O | O | O | | |
| Dumping | O | O | O | | Point Source/Pipe (EFFLUENT OR STORMWATER) | O | O | O | | Rural Residential | O | O | O | | |
| Trash | O | O | O | | Impervious Surface Input (SHEETFLOW) | O | O | O | | Gravel Pit | O | O | O | | |
| Other: _____ | O | O | O | | Other: _____ | O | O | O | | Irrigation | O | O | O | | |
| Other: _____ | O | O | O | | Other: _____ | O | O | O | | Other: _____ | O | O | O | | |

| Industrial Development Stressors | | | | Habitat/Vegetation Stressors | | | | | | | | | | | |
|----------------------------------|---|---|---|------------------------------|--|---|---|---|------|---|---|---|---|------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Oil Drilling | O | O | O | | Forest Clear Cut | O | O | O | | Herbicide Use | O | O | O | | |
| Gas Wells | O | O | O | | Forest Selective Cut | O | O | O | | Mowing/Shrub Cutting | O | O | O | | |
| Mine (surface) | O | O | O | | Tree Plantation | O | O | O | | Trails | O | O | O | | |
| Mine (underground) | O | O | O | | Tree Canopy Herbivory (INSECT) | O | O | O | | Soil Compaction (ANIMAL OR HUMAN) | O | O | O | | |
| Military | O | O | O | | Shrub Layer browsed (WILD OR DOMESTIC) | O | O | O | | Offroad vehicle damage | O | O | O | | |
| Other: _____ | O | O | O | | Highly Grazed Grasses (OVERALL <3' HIGH) | O | O | O | | Soil erosion (FROM WIND, WATER, OR OVERUSE) | O | O | O | | |
| Other: _____ | O | O | O | | Recently Burned Forest Canopy | O | O | O | | Other: _____ | O | O | O | | |
| Other: _____ | O | O | O | | Recently Burned Grassland (BLACKENED) | O | O | O | | Other: _____ | O | O | O | | |

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew.
 Explain all flags in comment section on the back of this form

2428168304

| PLOT COORDINATES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Flag | | | Comments | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Use Decimal Degrees: NAD83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Latitude North 41 37365 | | | Longitude West - 81 55388 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flag | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location of coordinates (choose one): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="radio"/> AA CENTER <input type="radio"/> N3 <input type="radio"/> S3 <input checked="" type="radio"/> E3 <input type="radio"/> W3 <input type="radio"/> Nearest Practicable Location (flag and comment below) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transsects and the coordinates will indicate the location of the transect. The nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the least accessible Buffer Plot. Flag box and descriptive where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be filled in the nearest practicable location bubble. Fill in the nearest practicable location below | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAT COORDINATES <table border="1"> <thead> <tr> <th></th> <th>1</th> <th>2</th> <th>3</th> <th>Flag</th> <th>Fill bubble if present - Plot 1</th> <th>1</th> <th>2</th> <th>3</th> <th>Flag</th> </tr> </thead> <tbody> <tr> <td>Eurasian Watermilfoil</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Purple loosestrife</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Juncion Grass</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Water Hyacinth</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Knotweed</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Kudzu</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Yellow Floating Heart</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Japanese knotweed</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Multiflora Rose</td> <td><input type="radio"/></td> <td><input checked="" type="radio"/></td> </tr> <tr> <td>Giant Swallowtail</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Perennial Pepperweed</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Carmomor Buckthorn</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Giant Mustard</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Giant Reed</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Himalayan Blackberry</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Poison Hemlock</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Chestgrass</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Tamansk</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Mile-A-Minute Vine</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Reed Canary Grass</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Other</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Birdsfoot Trefoil</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Common Reed</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Other</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Canada Thistle</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Leary Sprig</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Other</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td colspan="10">Other</td> </tr> </tbody> </table> | | | | | | | | | | | 1 | 2 | 3 | Flag | Fill bubble if present - Plot 1 | 1 | 2 | 3 | Flag | Eurasian Watermilfoil | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Purple loosestrife | <input type="radio"/> | <input type="radio"/> | Juncion Grass | <input type="radio"/> | <input type="radio"/> | Water Hyacinth | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Knotweed | <input type="radio"/> | <input type="radio"/> | Kudzu | <input type="radio"/> | <input type="radio"/> | Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Japanese knotweed | <input type="radio"/> | <input type="radio"/> | Multiflora Rose | <input type="radio"/> | <input checked="" type="radio"/> | Giant Swallowtail | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Perennial Pepperweed | <input type="radio"/> | <input type="radio"/> | Carmomor Buckthorn | <input type="radio"/> | <input type="radio"/> | Giant Mustard | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Giant Reed | <input type="radio"/> | <input type="radio"/> | Himalayan Blackberry | <input type="radio"/> | <input type="radio"/> | Poison Hemlock | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Chestgrass | <input type="radio"/> | <input type="radio"/> | Tamansk | <input type="radio"/> | <input type="radio"/> | Mile-A-Minute Vine | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Reed Canary Grass | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | Birdsfoot Trefoil | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | Canada Thistle | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Leary Sprig | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | Other | | | | | | | | | |
| | 1 | 2 | 3 | Flag | Fill bubble if present - Plot 1 | 1 | 2 | 3 | Flag | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eurasian Watermilfoil | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Purple loosestrife | <input type="radio"/> | <input type="radio"/> | Juncion Grass | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Hyacinth | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Knotweed | <input type="radio"/> | <input type="radio"/> | Kudzu | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Japanese knotweed | <input type="radio"/> | <input type="radio"/> | Multiflora Rose | <input type="radio"/> | <input checked="" type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Giant Swallowtail | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Perennial Pepperweed | <input type="radio"/> | <input type="radio"/> | Carmomor Buckthorn | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Giant Mustard | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Giant Reed | <input type="radio"/> | <input type="radio"/> | Himalayan Blackberry | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poison Hemlock | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Chestgrass | <input type="radio"/> | <input type="radio"/> | Tamansk | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mile-A-Minute Vine | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Reed Canary Grass | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Birdsfoot Trefoil | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canada Thistle | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Leary Sprig | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Site ID: PA1175Bc DATE: 08/01/2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reviewed by (Initials): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

IRM B-1: BUFFER SAMPLE PLOTS

nt)

Reviewed by (initial): _____

Site ID: PCAP1175 Be

DATE: 03/01/2011

Location:

O AA Center N S O E O W

Fill in bubble(s) if plot(s) could not be sampled and flag →

○ Plot 1 ○ Plot 2 ○ 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 (>75%)

| Buffer Plot 1 | Canopy Type: <input checked="" type="radio"/> D <input type="radio"/> E | | | | Absent: <input type="radio"/> | Buffer Plot 2 | Canopy Type: <input checked="" type="radio"/> D <input type="radio"/> E | | | | Absent: <input type="radio"/> | Buffer Plot 3 | Canopy Type: <input checked="" type="radio"/> D <input type="radio"/> E | | | | Absent: <input type="radio"/> |
|---------------------------------------|---|----------------------------------|----------------------------------|-----------------------|----------------------------------|---------------------------------------|---|----------------------------------|----------------------------------|----------------------------------|-------------------------------|---------------------------------------|---|---|----------------------------------|-----------------------|-------------------------------|
| | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | | Flag | | | | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | | Flag | | | | | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | | Flag | |
| Big Trees (>0.3m DBH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | Big Trees (>0.3m DBH) | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | Big Trees (>0.3m DBH) | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | |
| Small Trees (<0.3m DBH) | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | Small Trees (<0.3m DBH) | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | Small Trees (<0.3m DBH) | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Woody Shrubs, Saplings (0.5m-5m HIGH) | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Woody Shrubs, Saplings (0.5m-5m HIGH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Herbs, Forbs and Grasses | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | Herbs, Forbs and Grasses | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Herbs, Forbs and Grasses | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Bare ground | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Bare ground | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Bare ground | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Litter, duff | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | Litter, duff | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Litter, duff | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Rock | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Rock | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Rock | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Water | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Water | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Water | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Submerged Vegetation | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Submerged Vegetation | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Submerged Vegetation | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.

| Residential and Urban Stressors | | | | Hydrology Stressors | | | | Agricultural & Rural Stressors | | | | | | | |
|---------------------------------|----------------------------------|-----------------------|----------------------------------|---------------------|--|-----------------------|-----------------------|--------------------------------|------|--|-----------------------|-----------------------|-----------------------|------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Road - gravel | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Ditches, Channelization | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Pasture/Hay | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Road - two lane | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Dike/Dam/Road/RR Bed (IMPEDE FLOW) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Range | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Road - four lane | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Water Level Control Structure | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Row Crops | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Parking Lot/Pavement | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Excavation, Dredging | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Fallow Field (RECENT-RESTING ROW CROP FIELD) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Golf Course | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Hill/Soil Banks | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Fallow Field (OLD- GRASS, SHRUBS TREES) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Lawn/Park | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Freshly Deposited Sediment (UNVEGETATED) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Nursery | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Suburban Residential | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Soil Loss/Roof Exposure | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Dairy | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Urban/Multifamily | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Wall/Riprap | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Orchard | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Landfill | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Inlets, Outlets | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Confined Animal Feeding | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Dumping | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Point Source/Pipe (EFFLUENT OR STORMWATER) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Rural Residential | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Trash | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Impervious surface input (SHEETFLOW) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Gravel Pit | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Irrigation | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |

| Industrial Development Stressors | | | | Habitat/Vegetation Stressors | | | | | | | | | | | |
|----------------------------------|-----------------------|-----------------------|----------------------------------|------------------------------|--|-----------------------|-----------------------|-----------------------|------|---|----------------------------------|-----------------------|-----------------------|------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Oil Drilling | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Forest Clear Cut | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Herbicide Use | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Gas Wells | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Forest Selective Cut | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Mowing/Shrub Cutting | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Mine (surface) | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Tree Plantation | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Trails | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | / | |
| Mine (underground) | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Tree Canopy Herbivory (INSECT) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Soil Compaction (ANIMAL OR HUMAN) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Military | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Shrub Layer browsed (WILD OR DOMESTIC) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Offroad vehicle damage | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Highly Grazed Grasses (OVERALL <3" HIGH) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Soil erosion (FROM WIND, WATER, OR OVERUSE) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Recently Burned Forest Canopy | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | | Recently Burned Grassland (BLACKENED) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew.
 Explain all flags in comment section on the back of this form

2428168304

7966623548

| FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|---|---|---|------|---|---|---|------|---|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------------|-----------------------|-----------------------|----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------------|-----------------------|-----------------------|-----------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|------------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------|-----------------------|-----------------------|-----------------------|----------------|-----------------------|-----------------------|-----------------------|-------|-----------------------|-----------------------|--------------------|-----------------------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|--------|-----------------------|-----------------------|-------------------|-----------------------|-----------------------|-----------------------|-------------|-----------------------|-----------------------|-----------------------|-------|-----------------------|-----------------------|------------------|-----------------------|-----------------------|-----------------------|---------------|-----------------------|-----------------------|-----------------------|-------|-----------------------|-----------------------|---|--|--|--|--|--|--|--|--|--|--|
| Site ID: DAP1175Bc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| REVIEWED BY (initials): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments: Roads in center of George Parkway | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flag | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Latitude North 41 374156 Longitude West -81 55566 Use Decimal Degrees: NAD83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>If Buffer Plot 3 can not be accessed, take the coordinates at the nearest transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.</p> <p>Provide GPS coordinates at the centre of the Buffer Plot (#3) at the far end of each Buffer transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.</p> <p>If Buffer Plot 3 is centered on the Buffer Transects, take the coordinates at the nearest transect and for the Buffer Plot at the AA CENTER. This is important because all Buffer plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the nearest practicable location if the plot is close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.</p> <p>If Buffer Plot 3 is close to the center of Plot 3 as possible where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be filled in the flag box and descriptive where the coordinates will indicate the location of the transect. Fill in the nearest practicable location if the plot is close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.</p> <p>Flag</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Location of coordinates (choose one):</p> <p><input type="radio"/> AA CENTER <input type="radio"/> N3 <input type="radio"/> S3 <input type="radio"/> E3 <input type="radio"/> W3 <input checked="" type="radio"/> Nearest Practicable location (flag and comment below)</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>PLOT COORDINATES</p> <table border="1"> <thead> <tr> <th></th> <th>1</th> <th>2</th> <th>3</th> <th>Flag</th> <th>1</th> <th>2</th> <th>3</th> <th>Flag</th> <th>1</th> </tr> </thead> <tbody> <tr> <td>Eurasian Wall-martini</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Purple loosestrife</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Knotweed</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Eurasian Wall-martini</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Purple loosestrife</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Mulitigras Rose</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Yellow Floating Heart</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Japanese knotweed</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Camomile Buckthorn</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Giant Swallowtail</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Pelargonium Peppermint</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Himalayan Blackberry</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Poison Hemlock</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Chesnary grass</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Tansy</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Mile-A-Minute Vine</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Reed Canary Grass</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Quince</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Birdsfoot Trefoil</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Common Reed</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Otter</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Canadian Thistle</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Early Sprague</td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td><input type="radio"/></td> <td>Other</td> <td><input type="radio"/></td> <td><input type="radio"/></td> </tr> <tr> <td>Z</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | 1 | 2 | 3 | Flag | 1 | 2 | 3 | Flag | 1 | Eurasian Wall-martini | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Purple loosestrife | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Knotweed | <input type="radio"/> | <input type="radio"/> | Eurasian Wall-martini | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Purple loosestrife | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Mulitigras Rose | <input type="radio"/> | <input type="radio"/> | Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Japanese knotweed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Camomile Buckthorn | <input type="radio"/> | <input type="radio"/> | Giant Swallowtail | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Pelargonium Peppermint | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Himalayan Blackberry | <input type="radio"/> | <input type="radio"/> | Poison Hemlock | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Chesnary grass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Tansy | <input type="radio"/> | <input type="radio"/> | Mile-A-Minute Vine | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Reed Canary Grass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Quince | <input type="radio"/> | <input type="radio"/> | Birdsfoot Trefoil | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Otter | <input type="radio"/> | <input type="radio"/> | Canadian Thistle | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Early Sprague | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | Z | | | | | | | | | | |
| | 1 | 2 | 3 | Flag | 1 | 2 | 3 | Flag | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eurasian Wall-martini | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Purple loosestrife | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Knotweed | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eurasian Wall-martini | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Purple loosestrife | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Mulitigras Rose | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Floating Heart | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Japanese knotweed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Camomile Buckthorn | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Giant Swallowtail | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Pelargonium Peppermint | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Himalayan Blackberry | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poison Hemlock | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Chesnary grass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Tansy | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mile-A-Minute Vine | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Reed Canary Grass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Quince | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Birdsfoot Trefoil | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Common Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Otter | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canadian Thistle | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Early Sprague | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Other | <input type="radio"/> | <input type="radio"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Z | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RM B-1: BUFFER SAMPLE PLOTS

nt)

Reviewed by (initial): _____

Site ID: PCAP1175 Be

DATE: 08/01/2011

Location:

 AA Center N S E W

Fill in bubble(s) if plot(s) could not be sampled and flag →

 Plot 1 Plot 2 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 (>75%)

| Buffer Plot 1 | Canopy Type: <input checked="" type="radio"/> D <input type="radio"/> E | | | | Absent: <input type="radio"/> | Buffer Plot 2 | Canopy Type: <input checked="" type="radio"/> D <input type="radio"/> E | | | | Absent: <input type="radio"/> | Buffer Plot 3 | Canopy Type: <input checked="" type="radio"/> D <input type="radio"/> E | | | | Absent: <input type="radio"/> |
|---------------------------------------|---|----------------------------------|-----------------------|----------------------------------|----------------------------------|---------------------------------------|---|----------------------------------|-----------------------|----------------------------------|----------------------------------|---------------------------------------|---|---|-----------------------|----------------------------------|----------------------------------|
| | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | | Flag | | | | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | | Flag | | | | | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | | Flag | |
| Big Trees (>0.3m DBH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Big Trees (>0.3m DBH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Big Trees (>0.3m DBH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Small Trees (<0.3m DBH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | Small Trees (<0.3m DBH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | Small Trees (<0.3m DBH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | Woody Shrubs, Saplings (0.5m-5m HIGH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | Woody Shrubs, Saplings (0.5m-5m HIGH) | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| Herbs, Forbs and Grasses | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | Herbs, Forbs and Grasses | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Herbs, Forbs and Grasses | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| Bare ground | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | Bare ground | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Bare ground | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Litter, duff | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | Litter, duff | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Litter, duff | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> |
| Rock | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | Rock | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Rock | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Water | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | Water | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Water | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Submerged Vegetation | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | Submerged Vegetation | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | Submerged Vegetation | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.

| Residential and Urban Stressors | | | | Hydrology Stressors | | | | Agricultural & Rural Stressors | | | | | | | |
|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|--|-----------------------|-----------------------|--------------------------------|-----------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Road - gravel | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Ditches, Channelization | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Pasture/Hay | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Road - two lane | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Dike/Dam/Road/RR Bed (IMPEDE FLOW) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Range | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Road - four lane | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Water Level Control Structure | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Row Crops | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Parking Lot/Pavement | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Excavation, Dredging | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Fallow Field (RECENT RESTING ROW CROP FIELD) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Golf Course | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Hill/Soil Banks | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Fallow Field (OLD GRASS, SHRUBS, TREES) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Lawn/Park | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Freshly Deposited Sediment (UNVEGETATED) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Nursery | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Suburban Residential | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Soil Loss/Root Exposure | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Dairy | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Urban/Multifamily | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Wall/Riprap | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Orchard | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Landfill | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Inlets, Outlets | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Confined Animal Feeding | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Dumping | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Point Source/Pipe (EFFLUENT OR STORMWATER) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Rural Residential | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Trash | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Impervious Surface Input (SHEETFLOW) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Gravel Pit | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Irrigation | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |

| Industrial Development Stressors | | | | Habitat/Vegetation Stressors | | | | | | | | | | | |
|----------------------------------|-----------------------|-----------------------|-----------------------|------------------------------|--|----------------------------------|----------------------------------|-----------------------|-----------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Oil Drilling | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Forest Clear Cut | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Herbicide Use | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Gas Wells | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Forest Selective Cut | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Mowing/Shrub Cutting | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Mine (surface) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Tree Plantation | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Trails | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Mine (underground) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Tree Canopy Herbivory (INSECT) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Soil Compaction (ANIMAL OR HUMAN) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Military | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Shrub Layer browsed (WILD OR DOMESTIC) | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> | Offroad vehicle damage | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Highly Grazed Grasses (OVERALL <3' HIGH) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Soil erosion (FROM WIND, WATER, OR OVERUSE) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Recently Burned Forest Canopy | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Other: | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Recently Burned Grassland (BLACKENED) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |

Flag codes: K = No measurement made, U = Suspect measurement, F1,F2, etc. = misc. flags assigned by each field crew.
 Explain all flags in comment section on the back of this form

2428168304

7966623548

| FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------------|--|---|--------------------------|--|---------------------------------|--------------------------|--|------|---------------------------------|--|--|---------------------------------|--|--|---------------------------------|--|--|------|--------------------------|--------------------------|--|--------------------------|--------------------------|--|--------------------------|--------------------------|--|--|-----------------------|--------------------------|--------------------------|--------------------|--------------------------|--------------------------|---------------|--------------------------|--------------------------|------|----------------|--------------------------|--------------------------|----------|--------------------------|--------------------------|-------|--------------------------|--------------------------|--|-----------------------|--------------------------|--------------------------|-------------------|--------------------------|--------------------------|-----------------|--------------------------|--------------------------|--|------------------------|--------------------------|--------------------------|----------------------|--------------------------|--------------------------|------------------|--------------------------|--------------------------|--|----------------|--------------------------|--------------------------|------------|--------------------------|--------------------------|----------------------|--------------------------|--------------------------|--|----------------|--------------------------|--------------------------|-----------|--------------------------|--------------------------|---------|--------------------------|--------------------------|--|--------------------|--------------------------|--------------------------|-------------------|--------------------------|--------------------------|-------|--------------------------|--------------------------|--|-------------------|--------------------------|--------------------------|-------------|--------------------------|--------------------------|-------|--------------------------|--------------------------|--|----------------|--------------------------|--------------------------|---------------|--------------------------|--------------------------|-------|--------------------------|--------------------------|--|-----------|--------------------------|--------------------------|---|--|--|--|--|--|--|--|
| Site ID: PA1175Bc Date: 08/01/2011 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reviewed by (initials): | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| • Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="3">Fill bubble if present - Plot 1</th> <th colspan="3">Fill bubble if present - Plot 2</th> <th colspan="3">Fill bubble if present - Plot 3</th> <th>Flag</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/> Flag</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/> Flag</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/> Flag</td> <td></td> </tr> <tr> <td>Eurasian Watermilfoil</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Purple Loosestrife</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Juncion Grass</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Flag</td> </tr> <tr> <td>Water Hyacinth</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Knotweed</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Kudzu</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Yellow Floating Heart</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Japanese Knotweed</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Multiflora Rose</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Greater Sensitive Fern</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Perennial Pepperweed</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Common Buckthorn</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Garlic Mustard</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Giant Reed</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Himalayan Blackberry</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Poison Hemlock</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Chesgrass</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Tamnisk</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Mile-A-Minute Weed</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Reed Canary Grass</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Other</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Birdsfoot Trefoil</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Cowgar Reed</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Other</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Canada Thistle</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Leary Sprague</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Other</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>AA CENTER</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Nearset Practicable Location (Flag and comment below)</td> <td colspan="6"></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | Fill bubble if present - Plot 1 | | | Fill bubble if present - Plot 2 | | | Fill bubble if present - Plot 3 | | | Flag | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Flag | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Flag | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Flag | | Eurasian Watermilfoil | <input type="checkbox"/> | <input type="checkbox"/> | Purple Loosestrife | <input type="checkbox"/> | <input type="checkbox"/> | Juncion Grass | <input type="checkbox"/> | <input type="checkbox"/> | Flag | Water Hyacinth | <input type="checkbox"/> | <input type="checkbox"/> | Knotweed | <input type="checkbox"/> | <input type="checkbox"/> | Kudzu | <input type="checkbox"/> | <input type="checkbox"/> | | Yellow Floating Heart | <input type="checkbox"/> | <input type="checkbox"/> | Japanese Knotweed | <input type="checkbox"/> | <input type="checkbox"/> | Multiflora Rose | <input type="checkbox"/> | <input type="checkbox"/> | | Greater Sensitive Fern | <input type="checkbox"/> | <input type="checkbox"/> | Perennial Pepperweed | <input type="checkbox"/> | <input type="checkbox"/> | Common Buckthorn | <input type="checkbox"/> | <input type="checkbox"/> | | Garlic Mustard | <input type="checkbox"/> | <input type="checkbox"/> | Giant Reed | <input type="checkbox"/> | <input type="checkbox"/> | Himalayan Blackberry | <input type="checkbox"/> | <input type="checkbox"/> | | Poison Hemlock | <input type="checkbox"/> | <input type="checkbox"/> | Chesgrass | <input type="checkbox"/> | <input type="checkbox"/> | Tamnisk | <input type="checkbox"/> | <input type="checkbox"/> | | Mile-A-Minute Weed | <input type="checkbox"/> | <input type="checkbox"/> | Reed Canary Grass | <input type="checkbox"/> | <input type="checkbox"/> | Other | <input type="checkbox"/> | <input type="checkbox"/> | | Birdsfoot Trefoil | <input type="checkbox"/> | <input type="checkbox"/> | Cowgar Reed | <input type="checkbox"/> | <input type="checkbox"/> | Other | <input type="checkbox"/> | <input type="checkbox"/> | | Canada Thistle | <input type="checkbox"/> | <input type="checkbox"/> | Leary Sprague | <input type="checkbox"/> | <input type="checkbox"/> | Other | <input type="checkbox"/> | <input type="checkbox"/> | | AA CENTER | <input type="checkbox"/> | <input type="checkbox"/> | Nearset Practicable Location (Flag and comment below) | | | | | | | |
| Fill bubble if present - Plot 1 | | | Fill bubble if present - Plot 2 | | | Fill bubble if present - Plot 3 | | | Flag | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Flag | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Flag | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> Flag | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Eurasian Watermilfoil | <input type="checkbox"/> | <input type="checkbox"/> | Purple Loosestrife | <input type="checkbox"/> | <input type="checkbox"/> | Juncion Grass | <input type="checkbox"/> | <input type="checkbox"/> | Flag | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Water Hyacinth | <input type="checkbox"/> | <input type="checkbox"/> | Knotweed | <input type="checkbox"/> | <input type="checkbox"/> | Kudzu | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yellow Floating Heart | <input type="checkbox"/> | <input type="checkbox"/> | Japanese Knotweed | <input type="checkbox"/> | <input type="checkbox"/> | Multiflora Rose | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Greater Sensitive Fern | <input type="checkbox"/> | <input type="checkbox"/> | Perennial Pepperweed | <input type="checkbox"/> | <input type="checkbox"/> | Common Buckthorn | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Garlic Mustard | <input type="checkbox"/> | <input type="checkbox"/> | Giant Reed | <input type="checkbox"/> | <input type="checkbox"/> | Himalayan Blackberry | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poison Hemlock | <input type="checkbox"/> | <input type="checkbox"/> | Chesgrass | <input type="checkbox"/> | <input type="checkbox"/> | Tamnisk | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mile-A-Minute Weed | <input type="checkbox"/> | <input type="checkbox"/> | Reed Canary Grass | <input type="checkbox"/> | <input type="checkbox"/> | Other | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Birdsfoot Trefoil | <input type="checkbox"/> | <input type="checkbox"/> | Cowgar Reed | <input type="checkbox"/> | <input type="checkbox"/> | Other | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Canada Thistle | <input type="checkbox"/> | <input type="checkbox"/> | Leary Sprague | <input type="checkbox"/> | <input type="checkbox"/> | Other | <input type="checkbox"/> | <input type="checkbox"/> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AA CENTER | <input type="checkbox"/> | <input type="checkbox"/> | Nearset Practicable Location (Flag and comment below) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| If Buffer Plot 3 can not be accessed, take the nearest practicable location ALONG THE TRANSCT. This is important because all Buffer plots are centered on the Buffer transects and the nearset practicable location is the transect. Fill in the nearset practicable location in the flag box and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearset practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Location of coordinates (choose one): <input type="checkbox"/> Flag <input type="checkbox"/> Latitude North 41 37 34 2 Longitude West -81 55 6 14 Use Decimal Degrees: NAD83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Comments Flag | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RM B-1: BUFFER SAMPLE PLOTS

nt)

Reviewed by (initial): _____

Site ID: PCAP Be 1175

DATE: 08/01/2011

Location:

O AA Center O N S O E O W

Fill in bubble(s) if plot(s) could not be sampled and flag →

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 (>75%)

| Buffer Plot 1 | Canopy Type: D E | | | | Absent: O | Buffer Plot 2 | Canopy Type: D E | | | | Absent: O | Buffer Plot 3 | Canopy Type: D E | | | | Absent: O | |
|---------------------------------------|------------------|---|------|---|-----------|---------------|------------------|---|------|---|-----------|---------------|------------------|----------------|---|------|-----------|---|
| | Leaf Type: B N | | Flag | | | | Leaf Type: B N | | Flag | | | | | Leaf Type: B N | | Flag | | |
| Big Trees (>0.3m DBH) | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Small Trees (<0.3m DBH) | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Woody Shrubs, Saplings (<0.5m HIGH) | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Herbs, Forbs and Grasses | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Bare ground | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Litter, duff | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Rock | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Water | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Submerged Vegetation | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |
| Submerged Vegetation | 0 | 1 | 2 | 3 | 4 | | 0 | 1 | 2 | 3 | 4 | | | 0 | 1 | 2 | 3 | 4 |

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble. *

| Residential and Urban Stressors | | | | Hydrology Stressors | | | | Agricultural & Rural Stressors | | | | | | | |
|---------------------------------|---|---|---|---------------------|---|---|---|--------------------------------|------|--|---|---|---|------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| Road - gravel | O | O | O | | Ditches, Channelization | 0 | 1 | 0 | | Pasture/Hay | O | O | O | | |
| Road - two lane | 0 | 1 | 0 | F1 | Dike/Dam/Road/RR Bed (IMPEDE FLOW) | 0 | 0 | 0 | | Range | 0 | 0 | 0 | | |
| Road - four lane | 0 | 0 | 0 | | Water Level Control Structure | 0 | 0 | 0 | | Row Crops | 0 | 0 | 0 | | |
| Parking Lot/Pavement | 0 | 0 | 0 | | Excavation, Dredging | 0 | 0 | 0 | | Fallow Field (RECENT RESTING ROW CROP FIELD) | 0 | 0 | 0 | | |
| Golf Course | 0 | 0 | 0 | | Fill/Soil 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/Eripap | 0 | 0 | 0 | | Orchard | 0 | 0 | 0 | | |
| Landfill | 0 | 0 | 0 | | Inlets, Outlets | 0 | 0 | 0 | | Confined Animal Feeding | 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 Input (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 | | |

| Industrial Development Stressors | | | | Habitat/Vegetation Stressors | | | | | | | | | | | |
|----------------------------------|---|---|---|------------------------------|---|---|---|---|------|---|---|---|---|------|--|
| Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | Fill bubble if present - Plot | 1 | 2 | 3 | Flag | |
| 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 | 1 | 0 | | |
| Mine (surface) | 0 | 0 | 0 | | Tire Plantation | 0 | 0 | 0 | | Trails | 0 | 0 | 0 | | |
| Mine (underground) | 0 | 0 | 0 | | Tree Canopy Herbivory (INSECT) | 0 | 0 | 0 | | Soil Compaction (ANIMAL OR HUMAN) | 0 | 1 | 0 | | |
| Military | 0 | 0 | 0 | | Shrub Layer browsed (WILD OR DOMESTIC) | 0 | 1 | 0 | | Offroad vehicle damage | 0 | 0 | 0 | | |
| Other: | 0 | 0 | 0 | | Highly Grazed Grasses (OVERALL <3" HIGH) | 0 | 0 | 0 | | Soil erosion (FROM WIND, WATER, OR OVERUSE) | 0 | 0 | 0 | | |
| Other: | 0 | 0 | 0 | | Recently Burned Forest Canopy | 0 | 0 | 0 | | Other: _____ | 0 | 0 | 0 | | |
| Other: | 0 | 0 | 0 | | Recently Burned Grassland (BLACKENED) | 0 | 0 | 0 | | Other: _____ | 0 | 0 | 0 | | |

Flag codes: K = No measurement made, U = Suspect measurement, F1,F2, etc. = misc. flags assigned by each field crew.

2428168304

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

Buffer Sample Plots 05/27/2011

Foul Bayberry '56
Eucalyptus
Frangula

TJH/DO

• Contains a mixed dose bubble indicating presence and an unfilled bubble indicating absence by lifting in this bubble

REVIEWED BY (initials):

PLOT COORDINATES

• Contains a mixed dose bubble indicating presence and an unfilled bubble indicating absence by lifting in this bubble

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

Cleveland Metroparks
Page 1 of 2

| GENERAL INFORMATION | | LOCATION | | | | | | | | | | | | | | | | | | | | |
|--|---------------|-----------------|-----|----------|-------|-----|----------|---------|--|--|--|-----|------|--|--|--|--|--------|--|--|--|--|
| Project Label: | PCAP | | | | | | | | | | | | | | | | | | | | | |
| Project Name: | S1BZ2011 | | | | | | | | | | | | | | | | | | | | | |
| Plot Name: | | | | | | | | | | | | | | | | | | | | | | |
| Plot No.: | 1175 | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Level 4 (no nested corners sampled) <input checked="" type="checkbox"/> Level 5 (nested corners sampled) | | | | | | | | | | | | | | | | | | | | | | |
| Date (mm/dd/yy): | 1 / 1 | | | | | | | | | | | | | | | | | | | | | |
| End date (if > 1 day): | / / | | | | | | | | | | | | | | | | | | | | | |
| Party | Role** | | | | | | | | | | | | | | | | | | | | | |
| | Plot leader | | | | | | | | | | | | | | | | | | | | | |
| <small>** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.</small> | | | | | | | | | | | | | | | | | | | | | | |
| PLOT NOT SAMPLED: <input type="checkbox"/> Other <input type="checkbox"/> Perm. water <input type="checkbox"/> Paved <input type="checkbox"/> Slope <input type="checkbox"/> Safety | | | | | | | | | | | | | | | | | | | | | | |
| SAMPLING QUALITY* Effort Level: <input type="checkbox"/> Very thorough <input type="checkbox"/> Accurate <input type="checkbox"/> Hurried | | | | | | | | | | | | | | | | | | | | | | |
| TAXONOMIC ACCURACY <table border="1"> <tr> <th></th> <th>high</th> <th>moder</th> <th>low</th> <th>not samp</th> </tr> <tr> <td>vascul.</td> <td></td> <td></td> <td></td> <td>n/a</td> </tr> <tr> <td>bryo</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>lichen</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> | | | | high | moder | low | not samp | vascul. | | | | n/a | bryo | | | | | lichen | | | | |
| | high | moder | low | not samp | | | | | | | | | | | | | | | | | | |
| vascul. | | | | n/a | | | | | | | | | | | | | | | | | | |
| bryo | | | | | | | | | | | | | | | | | | | | | | |
| lichen | | | | | | | | | | | | | | | | | | | | | | |
| GPS File Name: 1175A Plot size for cover data: 0.1 (hectares) <input type="checkbox"/> Stems not sampled on this plot <input type="checkbox"/> Stems absent | | | | | | | | | | | | | | | | | | | | | | |
| Longitude: 81.55592 Coord. Accuracy: ± m <input type="checkbox"/> ft + - 2 | | | | | | | | | | | | | | | | | | | | | | |
| Plot size for cover data: 0.1 (hectares) <input type="checkbox"/> Stems not sampled on this plot <input type="checkbox"/> Stems absent | | | | | | | | | | | | | | | | | | | | | | |
| Depth: (1-5): 4 Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED) | | | | | | | | | | | | | | | | | | | | | | |
| Camera No.: _____ Photo Nos.: _____ | | | | | | | | | | | | | | | | | | | | | | |
| <small>Minimum required fields in Bold and Underlined</small> | | | | | | | | | | | | | | | | | | | | | | |

*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide

OVER

Unmarked paved lot
Park at ~~Bassat Veil Falls~~ parking lot (the one w/the wetland)
Plot is located across George Parkway.

