

CLEVELAND METROPARKS Plant Community Assessment Program: Quality Control Form



Project Label:

PCAP

Plot No: 1292

Date Sampled: 8-8-12

Lead: Eysenbach

Comment required if item answer is NO

| Parking/Access outside of Park Boundaries: | | Y <input checked="" type="radio"/> N <input type="radio"/> | 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 | | 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 type="radio"/> N | |
| Common equipment returned to tub. | | Y <input type="radio"/> N | |
| Data sheets scanned? | | 8-9-12 | Enter date to left JP |
| Final data sheets scanned? | | | Enter date to left |
| Buffer Widths measured? | | <input checked="" type="radio"/> Y <input type="radio"/> N | NZ 7-6-12 |
| Web Soil Survey | | <input checked="" type="radio"/> Y <input type="radio"/> N | JP 8-9-12 |
| Voucher Location | Refrigerator | Y <input type="radio"/> N | |
| (# vouchers collected) | Press (#) | | Enter number to left |
| SPE 620-621 | Drier | Y <input type="radio"/> N | |
| | Identified | Y <input type="radio"/> N | |
| | Mounted | Y <input type="radio"/> N | |
| | Thrown away | 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. parkinglot, road) |
| | <input type="checkbox"/> Unsafe to sample (i.e. steep slope) |
| | <input type="checkbox"/> Other |

Additional Comments:

Park at the end of Edgepark Rd
on on Apt in the park

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

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| | | |
|---|-------------------------------------|---|
| GENERAL INFORMATION | | LOCATION |
| Project Label: PCAP | | State: OH County: Cuyahoga |
| Project Name: O16-P 2012 | | Plot Name: <u>I SPOT A NEWBORN</u> |
| Plot No.: 1292 | | Local Place Names: Edgepark Rd. |
| Date (mm/dd/yyyy): 8 / 8 / 2012 | | Landowner: CM |
| End date (if > 1 day): / / | | Data Confidentiality: |
| Party | Role** | Check one: <input checked="" type="checkbox"/> Public data <input type="checkbox"/> Private Data |
| S. Fuggenbach | Plot leader | <input type="checkbox"/> Fuzz 100m <input type="checkbox"/> Fuzz 250m <input type="checkbox"/> Fuzz 500m |
| K. Kewris | Abst | |
| S. Cabellla | Abst | |
| J. Grismer | Guest | |
| Source of coordinates | | <input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS |
| Coordinate system: | | Coord. Units: <input checked="" type="checkbox"/> m <input type="checkbox"/> ft <input type="checkbox"/> deg <input type="checkbox"/> deg min |
| Datum: ■ NAD83/WGS84 <input type="checkbox"/> NAD27 | | GPS location in plot x=0 to 5, y=-1,0,+1): x = 0 y = 0 (base of plot x=0, y=0) |
| Plot NOT Sampled: | | <input type="checkbox"/> Other |
| □ Perm. water <input type="checkbox"/> Paved <input type="checkbox"/> Slope <input type="checkbox"/> Safety | | |
| SAMPLING QUALITY* | | |
| Effort Level: <input checked="" type="checkbox"/> Very thorough <input type="checkbox"/> Accurate <input type="checkbox"/> Hurried | | |
| subjective evaluation of how much effort put into sampling. Hurried plots may still provide good data. | | |
| TAXONOMIC ACCURACY | | |
| high | modera. | low not suppl |
| vascul. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| bryo | | <input type="checkbox"/> |
| lichen | | <input checked="" type="checkbox"/> |
| TAXONOMIC STANDARD | | |
| Authority: G&C | Pub Date: 1998 | |

Reason: If data not public why?

Property *Private*

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

Datum: ■ NAD83/WGS84 NAD27

GPS location in plot x=0 to 5, y=-1,0,+1):
x = 0 y = 0 (base of plot x=0, y=0)

Coordinate system: Coord. Units: ■ m ft deg deg min

Source of coordinates: MAP GPS

Plot size for cover data: 0,10 (hectares)

X-axis Bearing of plot: [218]°

Depth: (1-5): 4

Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)

Camera No.: 2 C2-2000

Photo Nos.:

Plot placement: GRTS Representative

Random Stratified Random Transect component

Systematic (grid) Capture specific feature Other

Notes: Location: Park at end of Edgepark Rd. Walk in 30 m from park entrance on the APT and walk ~ 20m south to the street. Or pull onto APT carefully, drive to rationale: GRTS point, GRTS point at (1,0) in order to maintain community type. We used map to determine GRTS point because the GPS was not matching the location on the map at all. Veg Char canopy consists of beech, red maple, black cherry, red oak, osage orange under story ~~honey~~ Hamamelis, Crataegus sp. & herb layer

Legend: *Plot 1* *Plot 2* *Plot 3* *Plot 4* *Plot 5* *Plot 6* *Plot 7* *Plot 8* *Plot 9* *Plot 10* *Plot 11* *Plot 12* *Plot 13* *Plot 14* *Plot 15* *Plot 16* *Plot 17* *Plot 18* *Plot 19* *Plot 20* *Plot 21* *Plot 22* *Plot 23* *Plot 24* *Plot 25* *Plot 26* *Plot 27* *Plot 28* *Plot 29* *Plot 30* *Plot 31* *Plot 32* *Plot 33* *Plot 34* *Plot 35* *Plot 36* *Plot 37* *Plot 38* *Plot 39* *Plot 40* *Plot 41* *Plot 42* *Plot 43* *Plot 44* *Plot 45* *Plot 46* *Plot 47* *Plot 48* *Plot 49* *Plot 50* *Plot 51* *Plot 52* *Plot 53* *Plot 54* *Plot 55* *Plot 56* *Plot 57* *Plot 58* *Plot 59* *Plot 60* *Plot 61* *Plot 62* *Plot 63* *Plot 64* *Plot 65* *Plot 66* *Plot 67* *Plot 68* *Plot 69* *Plot 70* *Plot 71* *Plot 72* *Plot 73* *Plot 74* *Plot 75* *Plot 76* *Plot 77* *Plot 78* *Plot 79* *Plot 80* *Plot 81* *Plot 82* *Plot 83* *Plot 84* *Plot 85* *Plot 86* *Plot 87* *Plot 88* *Plot 89* *Plot 90* *Plot 91* *Plot 92* *Plot 93* *Plot 94* *Plot 95* *Plot 96* *Plot 97* *Plot 98* *Plot 99* *Plot 100* 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CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

Project Label: PCAP

Project Name: 016P2012

Plot No.: 1292

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| | | | | | | |
|--|--|---|---|---|------------------------|---------------------------------------|
| MODIFIED NATUREERVE CLASS* | | DISTURBANCES | | | | |
| CODE (on separate form): C04 | Fit= _____ Conf= _____ | type* | severity** | yrs ago | % of plot | |
| | | Human | H | 0 | 100 | trash, trail |
| | | Natural | | | | |
| | | Fire | | | | |
| | | Cut | | | | |
| | | Animal | H | 0 | 100 | Deer Browse, Roe, Deer in plot |
| | | Other | | | | |
| HOMOGENEITY | | **L=low, ML=med low, M=med, MH=med high, H=high, VH=very high | | | | |
| <input checked="" type="checkbox"/> Homogeneous | <input type="checkbox"/> Compositional trend across the plot | | | | Current Land Use: Park | |
| <input type="checkbox"/> Conspicuous inclusions | <input type="checkbox"/> Irregular/pattern mosaic | | | | Former Land Use:unk | |
| HYDROLOGIC REGIME* | | | | | | |
| SALINITY* | | <input checked="" type="checkbox"/> Upland (seldom flooded) | <input type="checkbox"/> Intermittently flooded | <input type="checkbox"/> Semipermanently flooded | | |
| | | <input type="checkbox"/> Intermittently/seasonally saturated (seldom flooded) | <input type="checkbox"/> Permanently/flooded | <input type="checkbox"/> Tidal/Seiche flooded daily | | |
| | | <input type="checkbox"/> Fresh | <input type="checkbox"/> Occasionally flooded (<1/yr) | <input type="checkbox"/> Tidal/Seiche flooded monthly (e.g. wind, storms) | | |
| | | <input checked="" type="checkbox"/> Fresh (n/a) | <input type="checkbox"/> Temporarily flooded | <input type="checkbox"/> Unknown | | |
| (by default unless plot is a wetland) | | | | | | |
| Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.) | | | | | | |
| <p>Plot is located along property line at Garfield Park near an old rock and old house on Apt. Deer were present when we approached the plot. Understory was depauperate and extremely dried out. Most of the plants were wilty. There was an high amount of browse on the woody sprouts and herb layers.</p> <p>Very big Ostrya throughout the plot. A trail runs through blocks 1, 3, & probably deer but humans may use it too.</p> | | | | | | |

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a

Project Label:
PCAP

Project name: 0)6P3012

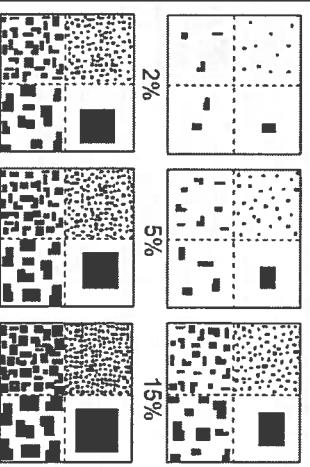
Page 1 of 2

Total modules: 10 Intensive modules: 4 Plot configuration: 2x5

Plot area (ha): 0.1

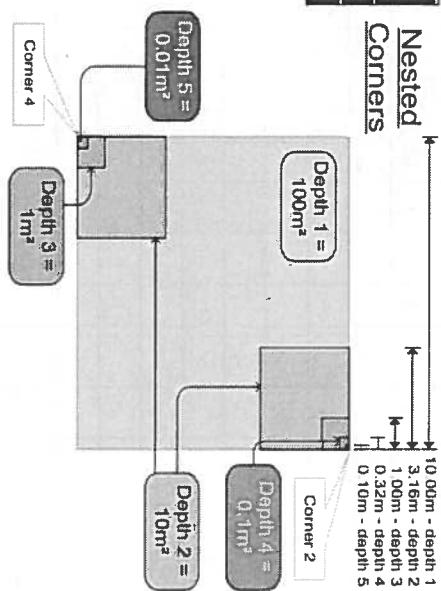
EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for various data elements to convey "Amount" or "Quality". NOTE: Within any open box, each quadrant contains the same total area covered, just different sized objects.



| cover class | % cover | midpoint |
|-------------|-----------------|----------|
| 1 | Solitary or few | 0.0001 |
| 2 | 0-1% | 0.005 |
| 3 | 1-2% | 0.015 |
| 4 | 2-5% | 0.035 |
| 5 | 5-10% | 0.075 |
| 6 | 10-25% | 0.175 |
| 7 | 25-50% | 0.375 |
| 8 | 50-75% | 0.625 |
| 9 | 75-95% | 0.850 |
| 10 | 95-100% | 0.975 |

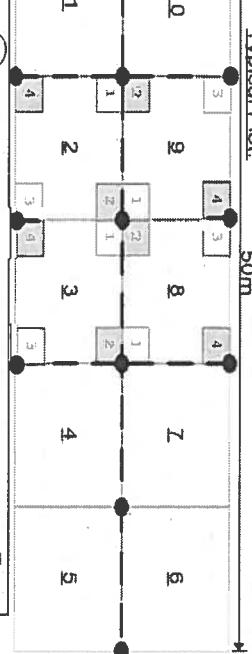
Nested Corners



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.



KEY: ● Plot Origin Module Number □ Intensive Corner

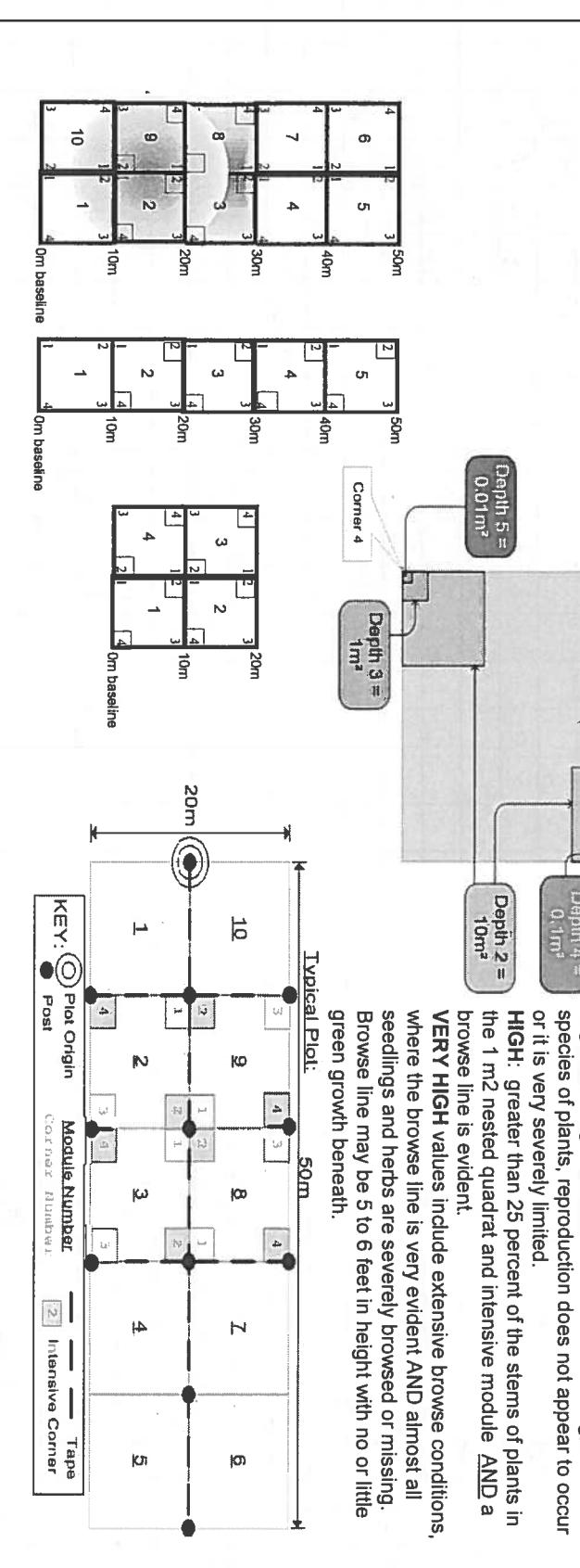
BROWSE RATING NARRATIVE DESCRIPTION

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.



CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2aa

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Project name: 016P3v13
Project Label: PCAP

Plot no.: 1292

Project Label: _____

Total modules: 10 Intensive modules: 4 Plot configuration: 2x5 Plot area (ha): 0.1



Cleveland
Metroparks

Cleveland Metroparks describe amount of browse per species over entire plot

Estimate for each intensive module:

Digitized by srujanika@gmail.com

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

Project Name: OLGP 2012

Plot No.: 1292

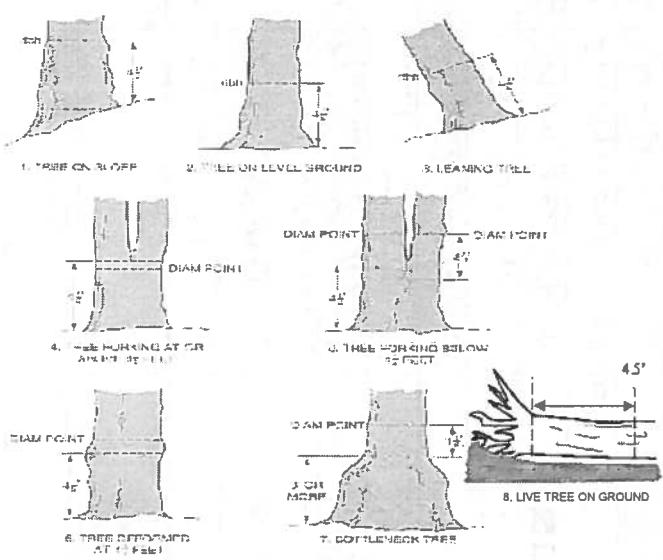
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Cleveland Metroparks

Explain subsample (additional room on back):

| mod # | species | c voucher# | # stems 0-1.4m browsed | % sub or super sample | # shrub clumps | size class (cm) woody stems >1.4m | | | | | | | | | | #X | 11 >40 (record each tree) |
|-------|-----------------------------|---------------|------------------------------|-----------------------------|----------------------|-----------------------------------|---|---|---|---|---|---|---|---|----|----|------------------------------|
| | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| ✓ 1 | <i>Hamamelis virginiana</i> | | | | | | | | | | | | | | | | |
| ✓ 1 | <i>Acer rubrum</i> | | | | | | | | | | | | | | | | |
| ✓ 1 | <i>Ostrya virginiana</i> | | | | | | | | | | | | | | | | |
| ✓ 1 | Standing dead | | | | | | | | | | | | | | | | |
| ✓ 1 | <i>Crataegus sp.</i> | | • | | | | | | | | | | | | | | |
| ✓ 1 | <i>Prunus serotina</i> | | π | | | | | | | | | | | | | | |
| ✓ 1 | <i>Fraxinus sp.</i> | | ◦◦ | | | | | | | | | | | | | | |
| ✓ 2 | <i>Prunus serotina</i> | | ππ | | | | | | | | | | | | | | |
| ✓ 1 | <i>Euonymous europaeus</i> | | ◦ | | | | | | | | | | | | | | |
| ✓ 2 | Standing dead | | π | | | | | | | | | | | | | | |
| ✓ 2 | <i>Ostrya virginiana</i> | | | | | | | | | | | | | | | | |
| ✓ 2 | <i>Crataegus sp.</i> | | | | | | | | | | | | | | | | |
| ✓ 2 | <i>Fagus grandifolia</i> | | ◦◦ | | | | | | | | | | | | | | 57.3 |
| ✓ 2 | <i>Viburnum acerifolium</i> | | ◦ | | | | | | | | | | | | | | |
| ✓ 3 | <i>Ostrya virginiana</i> | | | | | | | | | | | | | | | | |
| ✓ 3 | <i>Fagus grandifolia</i> | | ◦◦ | | | | | | | | | | | | | | 49.6 |
| ✓ 3 | <i>Prunus serotina</i> | | ππ | | | | | | | | | | | | | | |
| ✓ 3 | Standing dead | | | | | | | | | | | | | | | | |
| ✓ 3 | <i>Crataegus sp.</i> | | π | | | | | | | | | | | | | | |
| ✓ 4 | <i>Crataegus sp.</i> | | | | | | | | | | | | | | | | |
| ✓ 4 | Standing dead | | | | | | | | | | | | | | | | |
| ✓ 4 | <i>Prunus serotina</i> | | ππ | | | | | | | | | | | | | | |
| ✓ 4 | <i>Ostrya virginiana</i> | | | | | | | | | | | | | | | | |
| ✓ 4 | <i>Quercus rubra</i> | | | | | | | | | | | | | | | | 82.6 |

DBH Measurement Rules



Woody Stem Deer Browse

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

Record using the tally system from 1 to 10



1



2



3



4



5

ASH CANOPY CONDITION

1. **Healthy, full canopy:** A healthy ash canopy is normally thinner than many other trees such as maple.
2. **Thinning canopy:** There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
3. **Dieback:** Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
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A

B

C

D

E

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(if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)

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- E: Central stem still standing.

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

Project Name: DLGP 2012

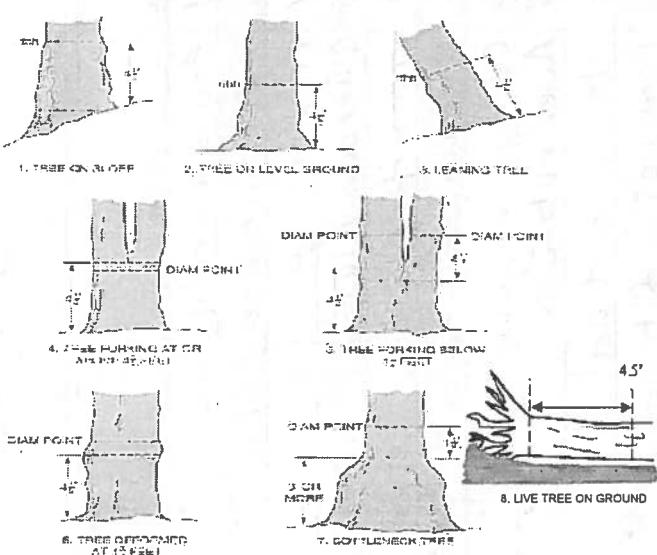
Plot No.: 1292 Page: 2 of 41

Cleveland Metroparks

Explain subsample (additional room on back):

| mod # | species | c voucher# | # stems 0-1.4m or super sample | # shrub clumps | size class (cm) woody stems >1.4m | | | | | | | | | | | 35 - <40 >40 (record each tree) |
|-------|----------------------|---------------|---|----------------------|-----------------------------------|---|---|---|---|---|---|---|---|----|----|------------------------------------|
| | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
| 4 | Fagus grandifolia | " | | | | | | | | | | | | | | 53.1 |
| 4 | Kiburnum acerifolium | :" | | | | | | | | | | | | | | |
| 4 | Fraxinus sp. | " | | | | | | | | | | | | | | |
| 5 | Quercus velutina | | | | | | | | | | | | | | | 80.2 |
| 5 | Hedera helix | SEE 8-23-12 | | | | | | | | | | | | | | |
| 5 | Brunus serrata | " | | | | | | | | | | | | | | |
| 5 | Ostrya virginiana | " | | | | | | | | | | | | | | |
| 5 | Acer rubrum | " | | | | | | | | | | | | | | |
| 5 | Standing dead | " | | | | | | | | | | | | | | |
| 5 | Fagus grandifolia | " | | | | | | | | | | | | | | 40.9 |
| 5 | Hamamelis virginiana | :" | | | | | | | | | | | | | | |
| 5 | Crataegus sp. | " | | | | | | | | | | | | | | |
| 6 | Fagus grandifolia | " | | | | | | | | | | | | | | |
| 6 | Acer rubrum | | | | | | | | | | | | | | | |
| 6 | Ostrya virginiana | | | | | | | | | | | | | | | |
| 6 | Rosa multiflora | " | | | | | | | | | | | | | | |
| 6 | Prunus serotina | " | | | | | | | | | | | | | | |
| 6 | Fraxinus sp. | " | | | | | | | | | | | | | | |
| 6 | Quercus sp. | " | | | | | | | | | | | | | | |
| 7 | Ostrya virginiana | " | | | | | | | | | | | | | | |
| 7 | Hamamelis virginiana | " | | | | | | | | | | | | | | |
| 7 | Fagus grandifolia | " | | | | | | | | | | | | | | |
| 7 | Viburnum acerifolium | " | | | | | | | | | | | | | | |
| 7 | Crataegus sp. | " | | | | | | | | | | | | | | |

DBH Measurement Rules



Woody Stem Deer Browse

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

Record using the tally system from 1 to 10



1



2



3



4



5

ASH CANOPY CONDITION

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A

B

C

D

E

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(If an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)

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- E: Central stem still standing.

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAPProject Name: 01GP2D12Plot No.: 1292 Page: 3 of 4

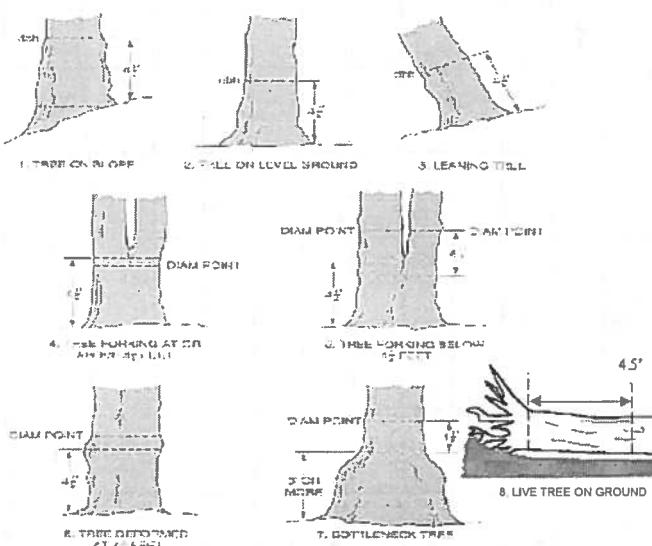
© Cleveland Metroparks

Explain subsample (additional room on back):

| mod # | species | c voucher# | # stems 0-1.4m browsed | % sub shrub sample | # clumps | size class (cm) woody stems >1.4m 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) | size class (cm) woody stems >1.4m | | | | | | | | | | |
|-------|-------------------------------|---------------|------------------------------|--------------------------|-------------|--|-----------------------------------|---|---|---|---|---|---|---|---|----|----|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 7 | <i>Nyssa sylvatica</i> | •• | | | | | | | | | | | | | | | |
| 7 | <i>Rubus occidentalis</i> | • | | | | | | | | | | | | | | | |
| 7 | <i>Prunus serotina</i> | X M | | | | | | | | | | | | | | | |
| 8 | <i>Quercus rubra</i> | | | | | | | | | | | | | | | | |
| 8 | <i>Hamamelis virginiana</i> | ?? | | | | | | | | | | | | | | | |
| 8 | <i>Ostrya virginiana</i> | | | | | | | | | | | | | | | | |
| 8 | <i>Rosa multiflora</i> | •• | | | | | | | | | | | | | | | |
| 8 | Standing dead | | | | | | • | | | | | | | | | | |
| 8 | <i>Prunus serotina</i> | | | | | | | | | | | | | | | | |
| 8 | <i>Crataegus sp.</i> | •• | | | | | | | | | | | | | | | |
| 8 | <i>Acer rubrum</i> | | | | | | | | | | | | | | | | |
| 8 | <i>Fagus grandifolia</i> | • | | | | | | | | | | | | | | | |
| 9 | <i>Fagus grandifolia</i> | •• | | | | | • | | | | | | | | | | |
| 9 | <i>Prunus serotina</i> | •• | | | | | •• | | | | | | | | | | |
| 9 | Standing dead | | | | | | • | | | | | | | | | | |
| 9 | <i>Acer rubrum</i> | • | | | | | • | | | | | | | | | | |
| 9 | <i>Rhamnus frangula</i> | • | | | | | • | | | | | | | | | | |
| 10 | Standing dead | | | | | | • | | | | | | | | | | |
| 10 | <i>Quercus rubra</i> | | | | | | • | | | | | | | | | | |
| 10 | <i>Fraxinus pennsylvanica</i> | •• | | | | | • | | | | | | | | | | |
| 10 | <i>Rubus occidentalis</i> | | | | | | | | | | | | | | | | |
| 10 | <i>Ulmus americana</i> | | | | | | • | | | | | | | | | | |
| 10 | Standing dead | | | | | | • | | | | | | | | | | |
| 10 | <i>Acer rubrum</i> | | • | | | | • | | | | | | | | | | |

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1
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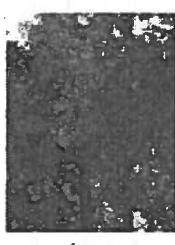
DBH Measurement Rules



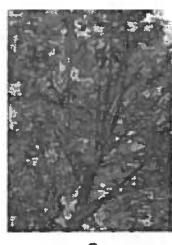
Woody Stem Deer Browse

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

Record using the tally system from 1 to 10



1



2



3



4



5

ASH CANOPY CONDITION

1. **Healthy, full canopy:** A healthy ash canopy is normally thinner than many other trees such as maple.
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A

B

C

D

E

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- Central stem still standing.

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

Project Name: D16P2D12

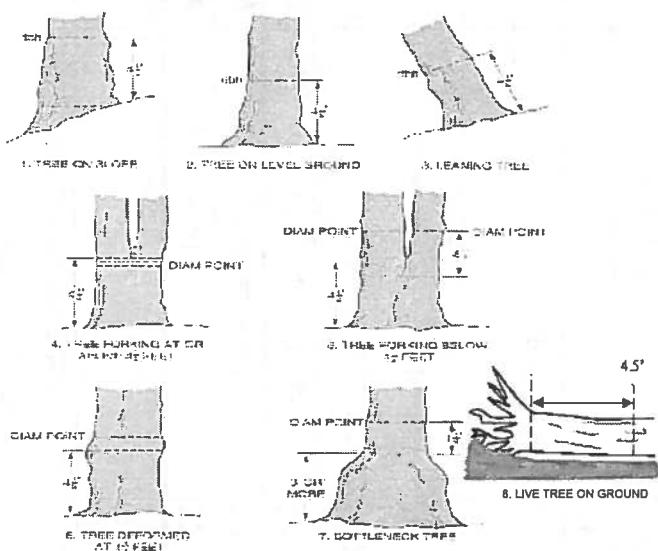
Page: 4 of 4

ପ୍ରକାଶନ ମାତ୍ରାମଧ୍ୟ ଗ୍ରହିତ

Explain subsample (additional room on back):

| mod # | species | C | voucher# | # stems 0-1.4m browsed | % sub or super shrub sample | # clumps | size class (cm) woody stems > 1.4m | | | | | | | | | | |
|-------|--------------------------|---|----------|------------------------------|--------------------------------------|-------------|------------------------------------|---|---|---|----------|----------|----------|----------|----------|----------|------------------------|
| | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 16 | <i>Croton sylvaticus</i> | | | 1 | • | • | • | • | • | • | 10 - <15 | 15 - <20 | 20 - <25 | 25 - <30 | 30 - <35 | 35 - <40 | >40 (record each tree) |

DBH Measurement Rules



Woody Stem Deer Browse

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

Record using the tally system from 1 to 10



1



2



3



4



5

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- 1. Healthy, full canopy:** A healthy ash canopy is normally thinner than many other trees such as maple.
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A

B

C

D

E

ASH CANOPY BREAKUP CONDITION (for dead trees):

(If an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)

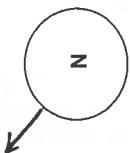
- A: All main branches contain fine twigs (newly dead).
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- C: Less than 50% of main branches have fine twigs.
- D: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

CLEVELAND METROPARKS Emerald Ash Borer - *Fraxinus* StreetProject Label: PCAPINTENSIVE MODULES ONLY TREES $\geq 10\text{CM ONLY}$ Page: 1 of 2
© 2010 Metroparks of Northeast OhioPlot No.: 1292 Date: 8/8/12

| Module | Tree ID. | Species | Dead c | Voucher # | DBH (cm) | Ht @ DBH (m) | Ash condition | # Dead condition | ASH Only | | |
|--------|----------|---------|--------|-----------|----------|--------------|---------------|------------------|--------------|-------------------|------------------|
| | | | | | | | | | # Exit 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



| | |
|----------------------------|----------------------------|
| <input type="checkbox"/> 9 | <input type="checkbox"/> 8 |
| <input type="checkbox"/> 2 | <input type="checkbox"/> 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 1.25mm x 21.5m
- 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 | Presence X: yes |
|---|-----------------------------|-------------|----|----|----------|-------------------|--------------------|
| | | NE | SE | SW | NW | | |
| Microstegium vimineum | Japanese stiltgrass | | | | | | |
| Ranunculus ficaria | Lesser Celandine | | | | | | |
| Cynanchum louiseae (vine) | Black Swallow-wort | | | | | | |
| Butomus umbellatus (wetland) | Flowering Rush | | | | | | |
| Heracleum mantegazzianum | Giant Hogweed | | | | | | |
| Tier 2: Assess as Needed | | # of Plants | | | comments | | |
| | | NE | SE | SW | NW | | # of Plants |
| Acer platanoides | Norway Maple | | | | | | 1: 1-10 |
| Ailanthus altissima | Tree of Heaven | | | | | | 2: 11-50. |
| Lonicera japonica (vine) | Japanese Honeysuckle | 3 | 3 | | | | 3: 51-100 |
| Lythrum salicaria (wetland) | Purple Loosestrife | | | | | | 4: 101-1,000 |
| Aegopodium podagraria (G-cover) | Bishop's Goutweed | | | | | | 5: >1,000 |
| Celastrus orbiculatus (vine) | Asian Bittersweet | | | | | | |
| Torilis sp. | Hedgeparsley | | | | | | |
| Conium maculatum | Poison Hemlock | | | | | | |
| Rhamnus cathartica | Common Buckthorn (shrub) | | | | | | |
| Berberis thunbergii | Japanese Barberry (shrub) | 1 | 1 | X | | | |
| Alnus glutinosa | European Alder | | | | | | |
| Dipsacus laciniatus | Cut-leaf Teasel | | | | | | |
| Elaeagnus umbellata | Autumn Olive (shrub) | | | | | | |
| Lonicera maackii | Amur Honeysuckle (shrub) | 1 | 1 | 2 | X | | |
| Euonymus fortunei | Wintercreeper | | | 2 | 4 | | |
| Tier 3: Presence is of Interest | | # of Plants | | | comments | | |
| | | NE | SE | SW | NW | | # of Plants |
| Convallaria majalis (G-cover) | Lily of the Valley | | | | | | 1: 1-10 |
| Coronilla varia (G-cover) | Crown Vetch | | | | | | 2: 11-50. |
| Eleutherococcus pentaphyllus | Five-leaf Aralia (shrub) | | | | | | 3: 51-100 |
| Pachysandra terminalis (G-cover) | Japanese Pachysandra | | | | | | 4: 101-1,000 |
| Philadelphus coronarius | Mock Orange (shrub) | | | | | | 5: >1,000 |
| Pulmonaria officinalis (G-cover) | Lungwort | | | | | | |
| Rubus phoenicolasius | Wineberry | | | | | | |
| Iris pseudacorus (wetland) | Yellow Flag Iris | | | | | | |
| Ornithogalum umbellatum | Star of Bethlehem | | | | | | |
| Viburnum opulus var. opulus | European Cranberry (shrub) | | | | | | |
| Viburnum plicatum | Doublefile Viburnum (shrub) | | | | | | |
| Tier 4: Widespread and abundant | | Presence | | | comments | | |
| | | NE | SE | SW | NW | | # of Plants |
| Alliaria petiolata | Garlic Mustard | 1 | 2 | 1 | | | 1: 1-10 |
| Ligustrum vulgare | Common Privet (shrub) | 1 | 2 | | | | 2: 11-50. |
| L. morrowii, L. tatarica | Bush Honeysuckles (shrub) | | 1 | 1 | | | 3: 51-100 |
| Phalaris arundinacea | Reed Canarygrass | | | | | | 4: 101-1,000 |
| Phragmites australis (wetland) | Phragmites | | | | | | 5: >1,000 |
| Polygonum cuspidatum | Japanese Knotweed | | | | | | |
| Frangula alnus | Glossy Buckthorn (shrub) | | | 1 | | | |
| Rosa multiflora | Multiflora Rose (shrub) | 2 | 2 | 3 | 2 | | |
| Typha angustifolia, T. x.glaucia | Cattails (wetland) | | | | | | |
| Cirsium arvense | Canada thistle | | | | | | |
| Dipsacus fullonum | Common Teasel | | | | | | |
| Hesperis matronalis | Dame's Rocket | | | 1 | | | |
| Vinca minor (G-cover) | Periwinkle | 1 | | | | + small, 1 colony | |

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

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.

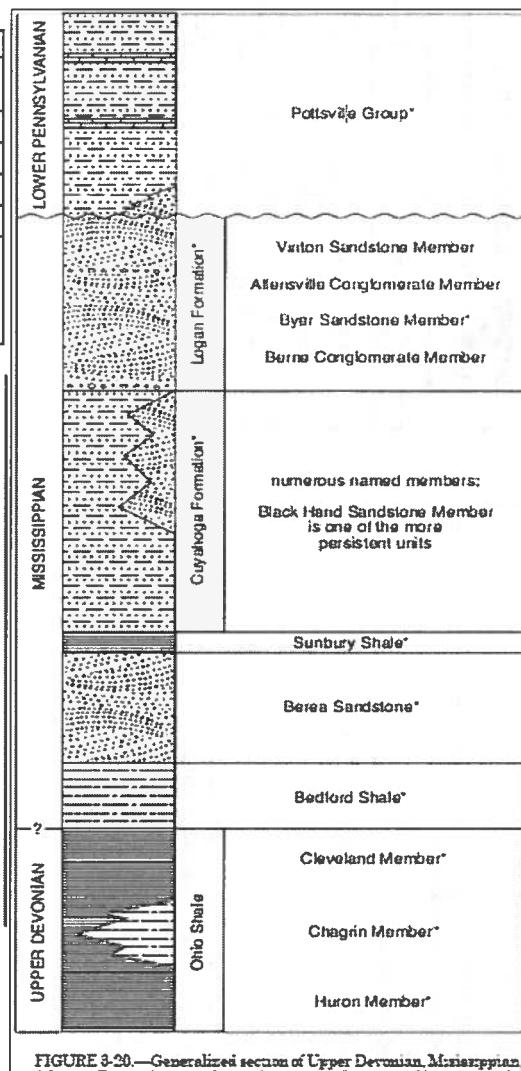
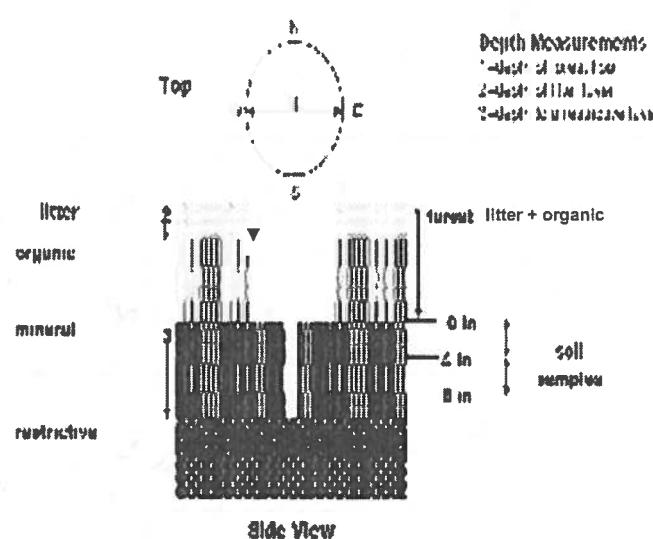


FIGURE 3-20.—Generalized section of Upper Devonian, Mississippian, and Lower Pennsylvanian formations in northeastern Ohio. Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the thicknesses indicated are proportional. The term "Wavy" 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 (1953), Hoover (1960), and Collins (1979) for more information on Mississippian rocks in Ohio. See figure 3-15 for explanation of rock types.

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

Soil pit module # 10YR 3/2 (one per entire plot)

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

| | |
|------------------|--------------------------------|
| 5 cm | matrix color: <u>10YR 3/2</u> |
| middle color: | <u>none</u> |
| %smolite: | <u>0</u> |
| oxid roots: | <u>Y</u> (<u>N</u>) |
| texture* | <u>1</u> |
| redox features** | <u>Y</u> (<u>N</u>) |
| hydr cond *** | <u>1 S M</u> (<u>C</u>) |
| 20 cm | matrix color: <u>2.5YR 4/3</u> |
| middle color: | <u>none</u> |
| %smolite: | <u>0</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 S M</u> (<u>D</u>) |

MSS JP 8/9/12

*refer to texture classes on reverse side
0.1 cm in center of intensive modules. If >30.5 cm, record as >30

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

*** Circle one:

Indundated Saturated M=moist D=dry

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

Castings present
No worms in pit

- Well drained
- Somewhat excessively dr.
- Moderately well dr.
- Excessively dr.
- Very poorly dr.
- Impenetrable surface

40/50 mm sandstone.

| EARTH SURFACE & GROUND COVER | |
|---|---------------------|
| Underlying Earth Surface* | Ground Cover |
| (Sum = 100%) | percent |
| Histosol | <u>0</u> |
| Mineral Soil | <u>100</u> |
| Gravel-Cobble* | <u>0</u> |
| Boulder** | <u>0</u> |
| Bedrock | <u>0</u> |
| *Gravel-Cobble = 1/16-10" | Water |
| **Boulder => 10 in | Bare Soil |
| ***>5 cm in diameter | Road/Tire |
| ****<5 cm in diameter | Other |

| TRAIL INFORMATION: | |
|--------------------------------|----------|
| record type and cover for each | |
| Type | %Cover |
| All Purpose | |
| Bridle | |
| Hiking sanctioned | |
| Boatleg unsanctioned | |
| Gravel | |
| Deer | <u>3</u> |

COVER BY STRATA
estimate using midpoints of 5, ex: 3, 8, 13 %

| Strata | Height Range (m) | Total Cover (%) |
|--------|-----------------------|-----------------|
| Tree | <u>5</u> - | <u>93</u> |
| Shrub | <u>0.5</u> - <u>5</u> | <u>28</u> |
| Herb | <u>0</u> - <u>0.5</u> | <u>8</u> |

| |
|---|
| STAND SIZE |
| <input type="checkbox"/> >600 x plot size |
| <input type="checkbox"/> >100 x plot size |
| <input type="checkbox"/> 10-100 x plot size |
| <input type="checkbox"/> 3-10 x plot size |
| <input type="checkbox"/> 1-3 x plot size |
| <input type="checkbox"/> < plot size |

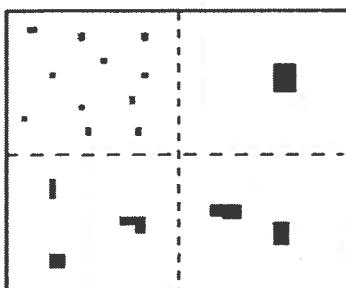
| STAND SIZE | |
|-------------------|-----------------------|
| Strata | |
| Tree | <u>5</u> - |
| Shrub | <u>0.5</u> - <u>5</u> |
| Herb | <u>0</u> - <u>0.5</u> |
| (Floating)* | - |
| (Aquatic)* | - |

*rooted and floating or slightly emersed
** submerged, most plant mass below surface

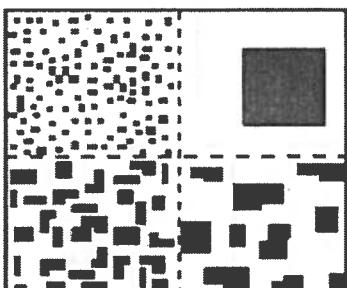
SEE BACK OF PAGE FOR "TYPICAL" STRATA
DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.

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 |



2%



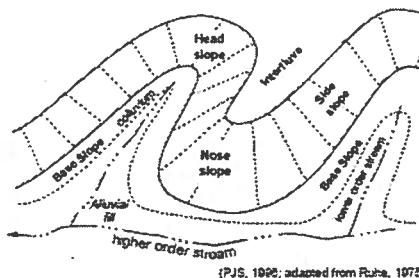
20%

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.

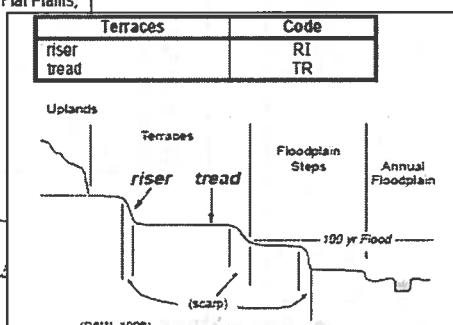
- 0= Organic
- 1= Loamy
- 2= Clayey
- 3= Sandy
- 4= Coarse Sand
- 9= Not measured - make plot note

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 |

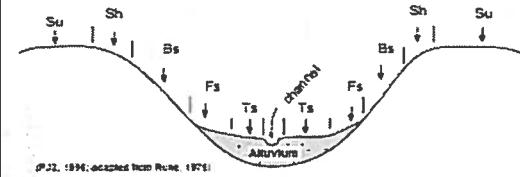


(PJS, 1998; adapted from Rusk, 1975)



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 |



(PJS, 1998; adapted from Rusk, 1975)

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

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

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

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

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

PERMANENTLY 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.

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (Initial): _____

Site ID: PLAP GP 1292

DATE: 08 / 08 / 10 / 12

Location: AA Center N OS OE OW

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

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="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Ditches, Channelization | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Pasture/Hay | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Road - two lane | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Dike/Dam/Road/RR Bed (IMPEDE FLOW) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Range | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Road - four lane | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Water Level Control Structure | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Row Crops | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Parking Lot/Pavement | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Excavation, Dredging | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Fallow Field (RECENT-RESTING ROW CROP FIELD) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Golf Course | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Fill/Spoil Banks | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Fallow Field (OLD - GRASS, SHRUBS, TREES) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Lawn/Park | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Freshly Deposited Sediment (UNVEGETATED) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Nursery | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Suburban Residential | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Soil Loss/Root Exposure | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Dairy | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Urban/Multifamily | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Wall/Riprap | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Orchard | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Landfill | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Inlets, Outlets | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Confined Animal Feeding | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Dumping | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Point Source/Pipe (EFFLUENT OR STORMWATER) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Rural Residential | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Trash | <input checked="" type="radio"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Impervious surface input (SHEETFLOW) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Gravel Pit | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Other: | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Other: _____ | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Irrigation | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Other: | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Other: _____ | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Other: _____ | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |

| 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="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Forest Clear Cut | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Herbicide Use | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Gas Wells | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Forest Selective Cut | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Mowing/Shrub Cutting | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Mine (surface) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Tree Plantation | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Trails | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Mine (underground) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Tree Canopy Herbivory (INSECT) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Soil Compaction (ANIMAL OR HUMAN) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input checked="" type="radio"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | |
| Military | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Shrub Layer Browsed (WILD OR DOMESTIC) | <input checked="" type="radio"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Offroad vehicle damage | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Other: _____ | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Highly Grazed Grasses (OVERALL <1" HIGH) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Soil erosion (FROM WIND, WATER, OR OVERUSE) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Other: _____ | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Recently Burned Forest Canopy | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Other: _____ | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |
| Other: _____ | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Recently Burned Grassland (BLACKENED) | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | Other: _____ | <input type="checkbox"/> 0 <input checked="" type="radio"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 | | | <input type="checkbox"/> | |

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) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Site ID: PCP 6P 1292 DATE: 68/68/12</p> <p>Reviewed by (initials): _____</p> <p>● Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="3">Fill bubble if present - Plot</th> </tr> <tr> <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><th>2</th><th>3</th><th>Flag</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Purple Loosetooth</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Johnson Grass</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Water Hyacinth</td> </tr> <tr> <td><input type="checkbox"/></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><input type="checkbox"/></td><td>Kudzu</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Yellow Floating Heart</td> </tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Japanesse Knotweed</td><td><input type="checkbox"/></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><input type="checkbox"/></td><td>Giant Salvinia</td> </tr> <tr> <td><input type="checkbox"/></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><input type="checkbox"/></td><td>Common Buckthorn</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Garlic Mustard</td> </tr> <tr> <td><input type="checkbox"/></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><input type="checkbox"/></td><td>Himalayan Blackberry</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Poison Hemlock</td> </tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Cheatgrass</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Tamarsk</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Mille-A-Minute Weed</td> </tr> <tr> <td><input type="checkbox"/></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><input type="checkbox"/></td><td>Other:</td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Birdsfoot Trefoil</td> </tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Common Reed</td><td><input type="checkbox"/></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><input type="checkbox"/></td><td>Canada Thistle</td> </tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td>Leafy Spurge</td><td><input type="checkbox"/></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><input type="checkbox"/></td><td>AA CENTER</td> </tr> <tr> <td colspan="12"> <p>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.</p> <p>If Buffer Plot 3 can not be accessed, take the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the Buffer Transects and the coordinates were taken and why in the comment section below. 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.</p> <p>Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the Buffer Transects and the coordinates were taken and why in the comment section below. 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| Fill bubble if present - Plot | | | Fill bubble if present - Plot | | | Fill bubble if present - Plot | | | Fill bubble if present - Plot | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 2 | 3 | Flag | 1 | 2 | 3 | Flag | 1 | 2 | 3 | Flag | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Purple Loosetooth | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Johnson Grass | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Water Hyacinth | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Knotweed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Kudzu | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Yellow Floating Heart | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Japanesse Knotweed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Multiflora Rose | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Giant Salvinia | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Perennial Pepperweed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Common Buckthorn | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Garlic Mustard | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Giant Reed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Himalayan Blackberry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Poison Hemlock | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Cheatgrass | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Tamarsk | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Mille-A-Minute Weed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Reed Canary Grass | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Birdsfoot Trefoil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Common Reed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Canada Thistle | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Leafy Spurge | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | AA CENTER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>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.</p> <p>If Buffer Plot 3 can not be accessed, take the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the Buffer Transects and the coordinates were taken and why in the comment section below. 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.</p> <p>Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the Buffer Transects and the coordinates were taken and why in the comment section below. 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.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Latitude North 41 42 43.4 Use Decimal Degrees; NAD83</p> <p>Longitude West 081 082</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Location of coordinates (choose one):</p> <p><input checked="" type="radio"/> AA CENTER <input type="radio"/> N3 <input type="radio"/> S3 <input type="radio"/> W3 <input type="radio"/> E3 <input type="radio"/> Nearest Practicable Location (flag and comment below)</p> <p>Flag</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>Comments</p> <p>Flag</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (initial): _____

Site ID: 1 PCAP GP 1292

DATE: 08/08/2012

| | |
|--|--|
| 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"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Big Trees (>0.3m DBH) | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Big Trees (>0.3m DBH) | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| Small Trees (<0.3m DBH) | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Small Trees (<0.3m DBH) | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Small Trees (<0.3m DBH) | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| 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 checked="" type="radio"/> 4 | | <input type="radio"/> | 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 checked="" type="radio"/> 4 | | <input type="radio"/> | Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Woody Shrubs, Saplings (<0.5m HIGH) | <input checked="" type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Herbs, Forbs and Grasses | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| Herbs, Forbs and Grasses | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Herbs, Forbs and Grasses | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Bare ground | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| Bare ground | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Bare ground | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Bare ground | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| Litter, duff | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Litter, duff | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Litter, duff | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| Rock | <input checked="" type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Rock | <input checked="" type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Rock | <input checked="" type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| Water | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Water | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Water | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> |
| Submerged Vegetation | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Submerged Vegetation | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <input type="radio"/> | Submerged Vegetation | <input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | <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"/> | | 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"/> | | Fill/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 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/Root 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) Impervious surface input (SHEETFLOW) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Rural Residential | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | |
| Trash | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | | Other: _____ | <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 checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | | Mowing/Shrub Cutting | <input checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | | 1,2 |
| 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 checked="" type="radio"/> | <input checked="" type="radio"/> | | 1,2 |
| 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 checked="" type="radio"/> | <input checked="" type="radio"/> | <input checked="" 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 checked="" type="radio"/> | <input checked="" 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.
Explain all flags in comment section on the back of this form

2428168304

FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back)

Reviewed by (Initial): _____

Site ID: PCAP AP 1292

DATE: 08/08/2012

● Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble

| 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 |
|-------------------------------|-----------------------|-----------------------|-----------------------|------|-------------------------------|-----------------------|-----------------------|-----------------------|------|-------------------------------|-----------------------|-----------------------|----------------------------------|------|
| Eurasian Watermilfoil | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Purple Loosestrife | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Johnson Grass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Water hyacinth | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Knotweed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Kudzu | <input type="radio"/> | <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"/> | | Multiflora Rose | <input type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | |
| Giant Salvinia | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Perennial Pepperweed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Common Buckthorn | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Garlic Mustard | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Giant Reed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Himalayan Blackberry | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Poison Hemlock | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Cheatgrass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Tamarisk | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Mile-A-Minute Weed | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Reed Canary Grass | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Other: _____ | <input type="radio"/> | <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"/> | | Other: _____ | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | |
| Canada Thistle | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | | Leafy Spurge | <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"/> | |

PLOT COORDINATES

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

If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. 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.

Location of coordinates (choose one):

AA CENTER N3 S3 E3 W3 Nearest practicable location (flag and comment below)

Flag

Latitude North 41.47570 Longitude West 81.60085

Use Decimal Degrees; NAD83

| Flag | Comments |
|------|----------------------------|
| 1 | Part of N1 falls on APT |
| 2 | Part of N2 falls on APT |
| 3 | =40% of N3 falls in stream |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

7966623548

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (Initial): _____

Site ID: YCAP GP 1292

DATE: 08 / 08 / 2012

Location:

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

AA Center N S E W

Plot 1 Plot 2 Plot 3

1

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 type="radio"/> D <input checked="" type="radio"/> E | | Absent: <input type="radio"/> | Buffer Plot 2 | Canopy Type: <input type="radio"/> D <input checked="" type="radio"/> E | | Absent: <input type="radio"/> | Buffer Plot 3 | Canopy Type: <input type="radio"/> D <input checked="" type="radio"/> E | | Absent: <input type="radio"/> |
|---------------------------------------|--|------|---|---------------------------------------|--|------|---|---------------------------------------|--|------|-------------------------------|
| | Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N | Flag | Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N | | Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N | Flag | Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N | | Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N | Flag | |
| Big Trees (>0.3m DBH) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Big Trees (>0.3m DBH) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Big Trees (>0.3m DBH) | <input type="radio"/> 0 <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | |
| Herbs, Forbs and Grasses | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Herbs, Forbs and Grasses | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Herbs, Forbs and Grasses | <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 checked="" 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 checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | |
| Litter, duff | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Litter, duff | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Litter, duff | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | |
| Rock | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Rock | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Rock | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | |
| Water | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Water | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Water | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | |
| Submerged Vegetation | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Submerged Vegetation | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Submerged Vegetation | <input type="radio"/> 0 <input checked="" 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"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Ditches, Channelization | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Pasture/Hay | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Road - two lane | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Dike/Dam/Road/RR Bed (IMPEDES FLOW) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Range | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Road - four lane | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Water Level Control Structure | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Row Crops | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Parking Lot/Pavement | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Excavation, Dredging | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Fallow Field (RECENT-RESTING ROW CROP FIELD) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Golf Course | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Fill/Spoil Banks | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Fallow Field (OLD - GRASS, SHRUBS, TREES) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Lawn/Park | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Freshly Deposited Sediment (UNVEGETATED) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Nursery | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Suburban Residential | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Soil Loss/Root Exposure | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Dairy | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Urban/Multifamily | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Wall/Riprap | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Orchard | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Landfill | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Inlets, Outlets | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Confined Animal Feeding | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Dumping | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Point Source/Pipe (EFFLUENT OR STORMWATER) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Rural Residential | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Trash | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Impervious surface input (SHEETFLOW) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Gravel Pit | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Irrigation | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |

| 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"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Forest Clear Cut | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Herbicide Use | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Gas Wells | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Forest Selective Cut | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Mowing/Shrub Cutting | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Mine (surface) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Tree Plantation | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Trails | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Mine (underground) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Tree Canopy Herbivory (INSECT) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Soil Compaction (ANIMAL OR HUMAN) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Military | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Shrub Layer Browsed (WILD OR DOMESTIC) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Offroad vehicle damage | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Highly Grazed Grasses (OVERALL <3" HIGH) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Soil erosion (FROM WIND, WATER OR OVERUSE) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Recently Burned Forest Canopy | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |
| Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Recently Burned Grassland (BLACKENED) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | Other: _____ | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | | |

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 | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|-----------------|-----------|-----------|--------------|-----------------------------------|-----------|-----------------|--------------|----------|------------------|----------|--------------|-----------------|-----------|-----------|--------------|-----------------------------------|-----------|-----------------|--------------|----------|------------------|
| Flag | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | | | | |
| Plots are centred on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the centre of Plot 3 as possible or at the centre of the last accessible Buffer Plot. | | | | | | | | | | | | | | | | | | | | | | | |
| If Buffer Plot 3 can not be accessed, take the coordinates of the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer plots are centred on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the centre of Plot 3 as possible or at the centre of the last accessible Buffer Plot. | | | | | | | | | | | | | | | | | | | | | | | |
| Location of coordinates (choose one): | | | | | | | | | | | | | | | | | | | | | | | |
| Flag | | | | | | | | | | | | | | | | | | | | | | | |
| AA CENTER <input type="radio"/> N3 <input type="radio"/> S3 <input type="radio"/> E3 <input checked="" type="radio"/> W3 Nearest practicable location (flag and comment below) | | | | | | | | | | | | | | | | | | | | | | | |
| Latitude North 41 Longitude West 081.6055 Use Decimal Degrees; NAD83 | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>1</td> <td>42443</td> <td>081.6055</td> <td>41</td> <td>W3</td> <td>NAD83</td> <td>Use Decimal Degrees; NAD83</td> <td>41</td> <td>081.6055</td> <td>42443</td> <td>1</td> <td>AA CENTER</td> </tr> </table> | | | | | | | | | | | | 1 | 42443 | 081.6055 | 41 | W3 | NAD83 | Use Decimal Degrees; NAD83 | 41 | 081.6055 | 42443 | 1 | AA CENTER |
| 1 | 42443 | 081.6055 | 41 | W3 | NAD83 | Use Decimal Degrees; NAD83 | 41 | 081.6055 | 42443 | 1 | AA CENTER | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | | | | | | | | | | | |
| Flag | | | | | | | | | | | | | | | | | | | | | | | |
| The east buffer could not be sampled since the CM property lies full approach 85m from the center plot | | | | | | | | | | | | | | | | | | | | | | | |

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (Initial): _____

Site ID: PCAP 6P 1292

DATE: 08 / 08 / 2012

| | | | | | | | | | | |
|-------------------------------------|--|--|--|--|--|--|--|--|--|--|
| Location: | Fill in bubble(s) if plot(s) could not be sampled and flag → | | | | | | | | | |
| ○ AA Center ○ N ○ S ○ E ○ W | <input type="radio"/> Plot 1 <input type="radio"/> Plot 2 <input type="radio"/> 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 checked="" 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 type="radio"/> B <input checked="" type="radio"/> N | Flag: <input type="radio"/> | | | Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N | Flag: <input type="radio"/> | | | Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N | Flag: <input type="radio"/> | |
| Big Trees (>0.3m DBH) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input 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 checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Big 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 checked="" 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 checked="" 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 checked="" type="radio"/> 3 <input type="radio"/> 4 | | |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | <input type="radio"/> 0 <input type="radio"/> 1 <input checked="" 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 checked="" 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 HIGH) | <input type="radio"/> 0 <input checked="" 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 checked="" 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 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 checked="" 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 checked="" 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 | | |
| Litter, duff | <input type="radio"/> 0 <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Litter, duff | <input type="radio"/> 0 <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Litter, duff | <input type="radio"/> 0 <input checked="" 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 checked="" 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 | | |
| Water | <input type="radio"/> 0 <input checked="" 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 checked="" 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 checked="" 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 | | |

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"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Ditches, Channelization | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Pasture/Hay | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Road - two lane | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Dike/Dam/Road/RR Bed (IMPEDE FLOW) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Range | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Road - four lane | <input type="radio"/> 0 <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 | | | | Water Level Control Structure | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Row Crops | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Parking Lot/Pavement | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4 | | | | Excavation, Dredging | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Fallow Field (RECENT-RESTING ROW CROP FIELD) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Golf Course | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Fill/Spoil Banks | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Fallow Field (OLD - GRASS, SHRUBS, TREES) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Lawn/Park | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Freshly Deposited Sediment (UNVEGETATED) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Nursery | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Suburban Residential | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Soil Loss/Root Exposure | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Dairy | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Urban/Multifamily | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Wall/Riprap | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Orchard | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Landfill | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Inlets, Outlets | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Confined Animal Feeding | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Dumping | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Point Source/Pipe (EFFLUENT OR STORMWATER) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Rural Residential | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Trash | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Impervious surface input (SHEETFLOW) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Gravel Pit | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Irrigation | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |

| 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"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Forest Clear Cut | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Herbicide Use | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Gas Wells | <input type="radio"/> 0 <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 | | | | Forest Selective Cut | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Mowing/Shrub Cutting | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 | | | | |
| Mine (surface) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 | | | | Tree Plantation | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Trails | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Mine (underground) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Tree Canopy Herbivory (INSECT) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Soil Compaction (ANIMAL OR HUMAN) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Military | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Shrub Layer Browsed (WILD OR DOMESTIC) | <input type="radio"/> 0 <input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 | | | | Offroad vehicle damage | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Highly Grazed Grasses (OVERALL <1" HIGH) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Soil erosion (FROM WIND, WATER, OR OVERUSE) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Recently Burned Forest Canopy | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |
| Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Recently Burned Grassland (BLACKENED) | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | Other: _____ | <input type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 | | | | |

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

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| PLOT COORDINATES | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| Flag | | | | | | | | | |
| <input checked="" type="checkbox"/> Fill bubble if present - Plot 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 Flag Fill bubble if present - Plot 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 Flag Fill bubble if present - Plot 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 Flag | | | | | | | | | |
| <input checked="" type="checkbox"/> Confirms a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble | | | | | | | | | |
| Site ID: FCAP GP 192 DATE: 08/06/2012 | | | | | | | | | |
| Retrieved by (initials): RJ | | | | | | | | | |
| Provide GPS coordinates at the center of the Buffer Plot (#3) at the end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of plot coordinates at the center of the Buffer Plot where 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 TRANSECT. This is important because all Buffer plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the bag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the last accessible Buffer Plot. | | | | | | | | | |
| O AA CENTER <input type="checkbox"/> N3 <input type="checkbox"/> S3 <input type="checkbox"/> E3 <input type="checkbox"/> W3 O Nearest practicable location (flag and comment below) | | | | | | | | | |
| Location of coordinates (choose one): 41.42325.66046. Latitude North Longitude West Use Decimal Degrees; NAD83 | | | | | | | | | |
| Flag | | | | | | | | | |
| Comments | | | | | | | | | |
| Latitude North 41.42325. Longitude West 081.66046. Use Decimal Degrees; NAD83 | | | | | | | | | |

June 2004

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (initial): _____

Site ID: PCAP GP 1292

DATE: 08/08/2012

| | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Location: | Fill in bubble(s) if plot(s) could not be sampled and flag → | | | | | | | | | | | |
| ○ AA Center ○ N ○ S ○ E ○ W | <input type="radio"/> Plot 1 <input type="radio"/> Plot 2 <input type="radio"/> 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 type="radio"/> D <input checked="" type="radio"/> E | | Absent: <input type="radio"/> |
|---------------------------------------|---|-----------------------------|-------------------------------|---------------------------------------|---|-----------------------------|-------------------------------|---------------------------------------|---|-----------------------------|-------------------------------|
| | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | Flag: <input type="radio"/> | | | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | Flag: <input type="radio"/> | | | Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N | Flag: <input type="radio"/> | |
| Big Trees (>0.3m DBH) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Big Trees (>0.3m DBH) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | | Big 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 checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 | | | Small Trees (<0.3m DBH) | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" 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 | | |
| Woody Shrubs, Saplings (0.5m-5m HIGH) | <input type="radio"/> 0 <input checked="" 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 checked="" 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 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 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 checked="" 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 checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Herbs, Forbs and Grasses | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Herbs, Forbs and Grasses | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" 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 checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Bare ground | <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 checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4 | | | Litter, duff | <input type="radio"/> 0 <input checked="" 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 | | |
| Rock | <input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 | | | Rock | <input type="radio"/> 0 <input checked="" 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 | | |
| Water | <input type="radio"/> 0 <input checked="" 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 checked="" 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 checked="" 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 | | |

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"/> | | Fill/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 type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | 3 | 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/Root 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 checked="" type="radio"/> | <input checked="" type="radio"/> | <input 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 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 type="radio"/> | <input checked="" type="radio"/> | <input checked="" type="radio"/> | 23 | |
| 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 checked="" type="radio"/> | <input type="radio"/> | 12 | |
| 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 checked="" type="radio"/> | <input checked="" 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.
Explain all flags in comment section on the back of this form

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| | |
|----------------------------|--------------------------|
| Flag | Comments |
| 1 | deer trail in W1 |
| 2 | APT 8a/15 in W2 |
| 3 | W3 8a/15 on the west end |
| Use Decimal Degrees; NAD83 | |
| | Latitude North 41.42432 |
| | Longitude West -81.60238 |

Location of coordinates (choose one):

AA CENTER O3 O3 W3 Nearest practicable location (flag and comment below)

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 centred on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the centre of Plot 3 as possible or at the last accessible Buffer Plot.

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.

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 |
|-------------------------------|--------------------------|--------------------------|--------------------------|----------------------|-------------------------------|--------------------------|--------------------------|--------------------------|----------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|--------|
| Eurasian Watermilfoil | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Purple Loosestrife | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Johnson Grass | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Water Hyacinth | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Knotweed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Kudzu | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Yellow Floating Heart | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Japanese Knotweed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Multiflora Rose | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Giant Salvinia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Perennial Pepperweed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Common Buckthorn | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Garlic Mustard | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Giant Reed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Himalayan Blackberry | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Poison Hemlock | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Chenopodium | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Tamarsk | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Mile-A-Minute Weed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Reed Canary Grass | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Birdfoot Trefoil | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Common Reed | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |
| Canada Thistle | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Leafy Spurge | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Other: |

Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble

Site ID: PAF 4/292 Date: 08/08/2012

Reviewed by (initials): _____

FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (BACK)