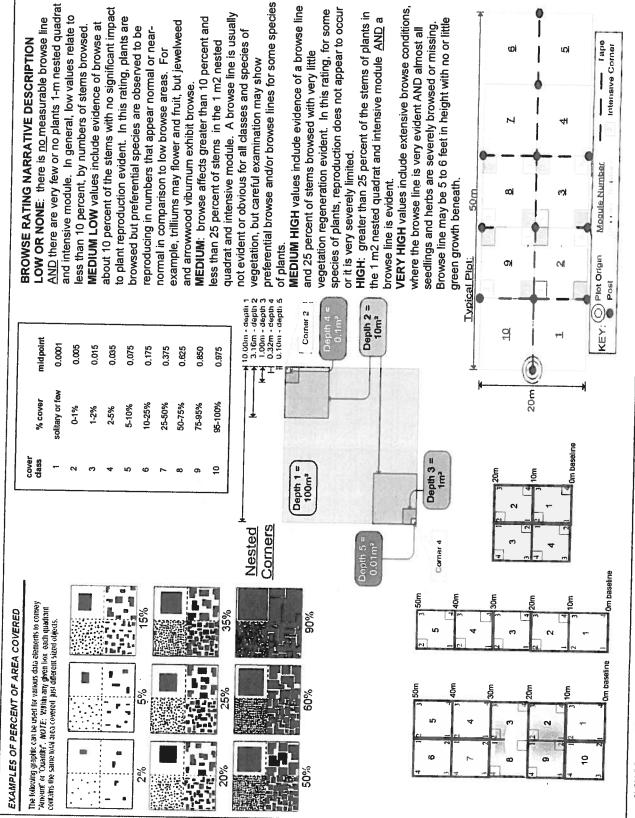
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Unsafe to sample (i.e. steep slope) Other				zht-of-way)
□ Other				
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. 3.21st 3. (1		Other		
Additional Comments:	Additional Comme	ıts:		



	OMIC STANDARD	y	bryo	n/a	not smpl	TAXONOMIC ACCURACY Dept	L	may still crovide good	gh how much effort put into	subjective evaluation of	G OUALITY*	□ Slope	PLOT NOT SAMPLED:	** Roles: Co-leader. Asst., Guide. Owner. Taxonomist, etc.	Datum:	A Schräufnagel Woody onthe	C. Devono Woody Lat	la assist	atella Plot leader	Role**) ³	■ Level 5 (nested corners sampled) Check one:	 Level 4 (no nested corners sampled) Data (Plot No.: 3457 Landowner.	Plot Name: 1+b Hum. Local Place	10: 01NC2013	Project Label: PCAP State:	GENERAL INFORMATION LOC	CLEVELAND METROPARKS Plant Community Assessment Program -
*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	Random Stratified Random Transect component Systematic (grid) Capture specific feature Other	tive	Photo Nos.: 2545		Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)	Depth: (1-5): 4	of plot: [333] °		9457A	uracy: om of (CC// +-	# 81.42545	41.58551	0 y = 0 (base of plot x=0, y=0)	GPS location in plot $x=0$ to 5, $y=-1,0,+1$):	■ NAD83/WGS84 □ NAD27	□ Other (specify) ■ m □ ft □	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	Coordinate system: Coord. Units do	□ MAP ■ GPS	If data not public why?		□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	one: SoPublic data Private Data	Data Confidentiality:	CNP	Fichic Area module		OH County: Lake	LOCATION	ty Assessment Program - Background Data Sheet
VS Field Guide	of Solomons Seals.	like Viburnum acenfolium and a vanet	nerbaceous species so	was mostly woody se	terb-deparperate, what was there	browsed smilax.	78		, an	veg char canopy - Ked oak, Sugar	1 10 1 10 1 10 1 1 1 1 1 1 1 1 1 1 1 1	Total Fort		woods Plot is on a plateau so do i	Area and walk about n wint the	ocation: Park at Whisperin	ayout: 2×5	dominants, strata, BROWSE). Additional notes in space on back.	NO LES: Include Layout (any unusual study accurate, Execution (description of community content), Rationale (why here), and Veg Characterization (description of community	Key: (0,0) point point with direction permanent post		<u>.</u>	#3	1 2 1	#10 "8	3 4 3	, by tree fall			ata Sheet
		fol	8	ec	5		2	2	7	Š	5			6	21)		୍ପିଷ	E S	with direction	₽ .		1	12		4				

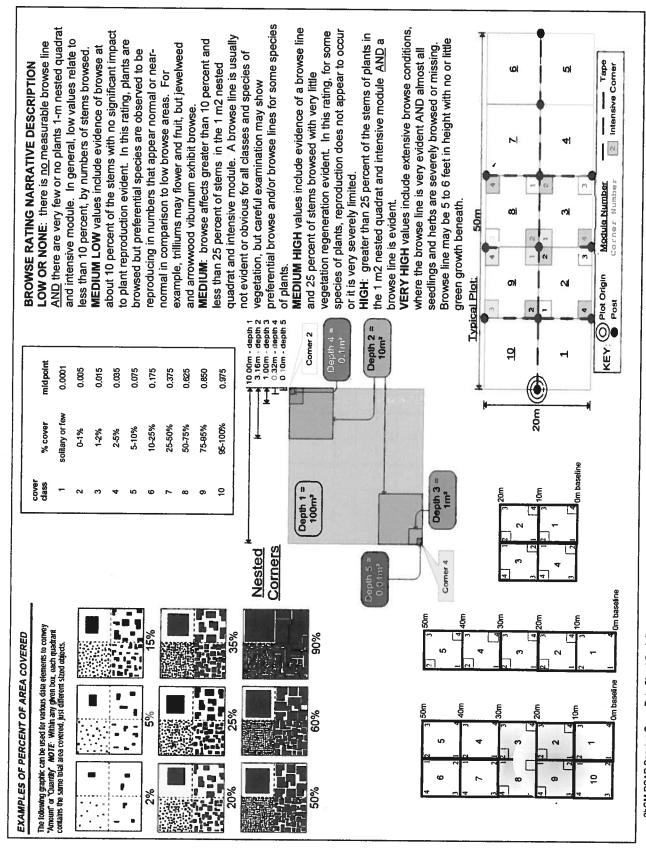
CLEVELAND METROPARKS Plant Community Assessment Program - Background Pois State	mmunity Assessment Program	Bockstone Date Class	
Project Label:	PCAP Pr	Project Name: 0/0// 20/3	Plot No. 2057
MODIFIED NATIFIED WEST OF 1991		Closenson	
OCCUPATION OF THE CLASS*		DISTURBANCES	Si
CODE (on separate form):	Fir Conf	type* severity**	v vrs ago % of plot description
T00		-	38 9-17-13
		Natural MC	1 8 bistree fall
COMMUNITY NAME:		Fire	
Beech-Nlapu: Beech-red Oak	ed Oak	Cut	
		Animal M.	0 100 deer lonowse
HOMOGENEITY		Other	
		**L=low, ML=med lo	**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high
- uniono	Compositional trend across the plot	Current Land Use: CMF	CMP
Conspications inclusions of iffegular/pattern mosaic	mosaic	Former Land Use: UNK	ンスス
	HYDROLOGIC REGIME*		
	Topland (seldom flooded)	□ Intermittently flooded	1
SALINITY*	 c Intermittently/scasonally saturated	Ceminermanently flooded	
□ Saltwater	(seldom flooded)	Permanently flooded	
□ Brackish	Permanently/Semipermanent saturated		
o Fresh	(dry <1/vr seldom flooded)		
CUpland (n/a)	□ Occasionally flooded (<1/vr)	Tidal/Seiche flooded irremiter	
	□ Temporarily flooded	(e.g. wind, storms)	
(by default unless plot is a wetland)		n Unknown	
Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.) Browse on Smilax was fesh and extension by and any had about 101 browsed out on	fest and extensional status, m fest and extensi for browsh on	maturity, etc.) 1 or but there was the control of	and extension but there was a lot of Beech available
dufficult to see on the	e ground and	into the dope	difficult to see on the ground and into the dopper canopy. A true it was
SIcalled Glabra be	at we couldn't to	downed debr	is A carya rooted out in
Wasn't shagging and	it was definitely	a bigtree.	me than Young thekonyouts
		\	

					too smart	skinny				,)		84																			
2	2	<i>S</i>	2	۲ <u>,</u>			2	2		2	2	2	5 2		, 2	4	32	2.2	2	2	2	4	9.5.2	_	T S H (F)(A) Br	Strata - Cov. entire plot		Cieveland	4	3	>	Total modules:	Project Label:
thes	Polystichum achrostichoides	2		8 Lindera benzoin	ROK PEND.	Carex sp. #1 (no repro)	Vitis sp. (seedling)	Viburnum acentolium	Viola Sp.	Quercusp. (sekelika)	7	Carya cordiformis	Podeno	כע	Polyagnatum biflorum	Acernibrum	Prunus serotica	\ I	ξ- ξ	(seed)		\	Ade Sa	Fagus ar	Br Species	ot	9 9 9	describe amount of browse per species over	Br = Browse Level. Use cover classes to			(0)	Project Label: PCAP Project Label: PCAP Project name: 0100000000000000000000000000000000000
	es										ol'a		DIA								Man GLS				c Voucher#	%unveg. litter (bare litter)	%unveg. ground (bare soil)	%unvegetated open water	%onen water	intensive module:		Intensive modules:	Project name:
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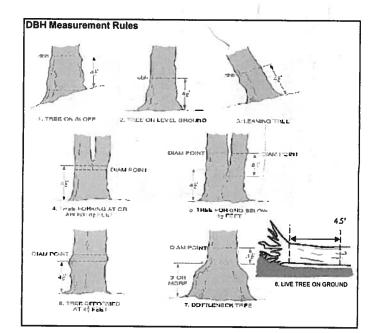
2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

CLEVELAND ME	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a	nent Program Spec	es Cover Data Sheet	- 1		Page 2 of	N
Project Label:	PCAP	Project name	Project name: 01NC2013	Plot no.: 345	Ιτ		
Total modules:		Intensive modules:	Plot configuration:	ration:	Plot ar	Plot area (ha):	
>			mod comer mod comer mod	corner mod corner	comer mod comer	d comer mod comer	mod come
3		Estimate for each intensive module:	depth cov depth	8 7	cov depth cov	8	depth cov
Cleveland	describe amount of browse per species over	%open water	1			-	
	1	%unveg. ground (bare soil)					
Strata - Cov. entire plot		%unveg. litter (bare litter)					
T S H (F)(A)Br	Br Species	c Voucher#	depth cav depth cav depth	oth cov depth cov depth	cov depth cov	depth cav depth cav	depth cov
2	Moss Sp-				2		
	Rosa maltifora	SKE 11-4-13					_
	Licat # Mowalthemen	34 CS-2546					-
2	Euronamous obovatus		_				_
	Hamanyelis virginiana	CS-2547			_		アー
	Cratacomsp						FI —
2	n pubescen	5					∇
2	anthomum racemos	XM			-		R 12
2	llum peltatum						P 2
2	conopholis american	D					R 2
	Foipactis hellbonne		Ę.				Ø
	SZ						R VA
(n.	nerican						R
2	Quercus alba	, i					A W
2	60						P 2
(5°	Carua alabra						N
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2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet 6 Standing Stinding Explain subsample (additional room on back) HCPC Salchurum Charle Chz Acer Lindera Her trajus grandito ragus asundi tolla Accr Siccherum x Jerous tagus grandifo prescus alba raguls grandifu milex cotundito % agus gard: Ho standingclear standing cheed in american Nec CUS TI Sacchacum lex landifishing Succhardo benzoin ~Jan **Sodu** opundifolic Project Label: dead آم PCAP voucher# * e • # stems browsed 0-1.4m of a or super sample | clumps % sub Project Name: OI NC 2013 Ř shrub # size class (cm) woody stems >1.4m - 0 • <u>م</u> . 1-<2.5 q • 00 6 2.5-<5 Plot No. 3457 . . 5 • . 5×10 • 10 - <15 ហ 15 - <20 6 20 - <25 Page: 25 - <30 30 - <35 앜 Sieveland Metroparks 35 - <40 5 4.52 5.6 779 >40 (record each tree) =



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















ASH CANOPY CONDITION

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



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С

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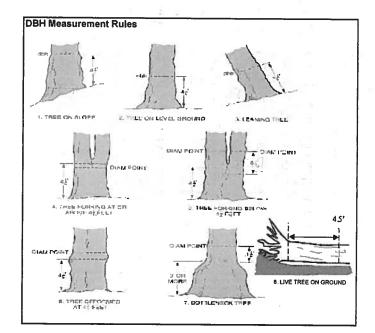
E

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).
- B: Over 50% of main branches have fine twigs.
- C: Less than 50% of main branches have fine twigs.
- D: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

CTT	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Project Label: PCAP Project Name: 0 N 2013 Plot No. 5	ommunity PCAP	Assessm	ent Project	gram No	atural M	nt Program Natural Woody Ste	tem Dat	ta Sheet Plot No345	348	7	Page:	N	9	Clevelo	Gleveland Metroparks
		k):														
						size class	size class (cm) woody stems >1.4m	y stems >	1.4m							
mod #	# species c	voucher#	0-1.4m browsed	or super sample	shrub clumps	<u> </u>	2 1-<2.5	3 2.5-<5	5-<10	5 10 - <15	6 15 - <20	7 20 - <25	8 25 - <30	9 30 - <35	10 35 - <40	11 >40 (record each tre
5	Smile		_													
6	8						•	•	đ	**	•					
4	SCHOOL							7	ŧ							
6	Strong and					• •	•									
1	Standing							•	•							
七十	Tanus arandifusa						* *		•		٠					
4	Acer Shoch								a.	6			Q			
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8	Fagus and; Foli	6					• 4	•	•							
00	Stunding doed						٠ د				•					
8	Annus scrot						,		•,							
2	Acer Sacharum						• 1	9 9			0	•				
0	Fagus grandi folic						7	n	10							
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Woody Stem Deer Browse

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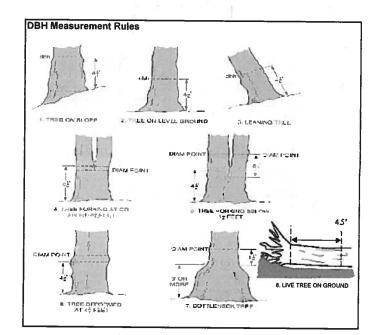
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ASH CANOPY BREAKUP CONDITION (for dead trees):

(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).
- B: Over 50% of main branches have fine twigs.
- C: Less than 50% of main branches have fine twigs.
- D: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

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						0	٠	口	000	•					ia	Fagus grandifolia		10
				2				.0 0								W.	Acri	10
>40 (record each tre	5 35 - <40	30 - <35	25 - <30	20	15 - <20	10 - <15	5-<10	2.5-<5	1-<2.5	<u>8</u> -	clumps	sample	browsed	voucher#	'n	species	**	mod #
:	;	,		7	b.	'n	>1.4m	dy stems	size class (cm) woody stems >1.4m	size clas		_	# stems					
														ick)	room on ba	Explain subsample (additional room on back)	Explain	
W	M	g	W	Page:	7	Plot No.: 3457	Plot No.:		Project Name: DINC 2013	DINC	ct Name	Proje	•	PCAP		Project Label:		. <u></u>
and Manhanana ship	3					ŭ.	ta Shee	Stem Da	Woody	Natural	rogram	ment P	Assess	ommunity	Plant C	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet	EVELAN	5



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















ASH CANOPY CONDITION

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



В

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).
- B: Over 50% of main branches have fine twigs.
- C: Less than 50% of main branches have fine twigs.
- D: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

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

														L					4.	_					Module
25	24	23	22	21	20	19	18	17	16	15	4	3	12	=	ô	6	8	7	6	5	4	ω	2	-	Tree ID.
																							VO ASA		Species
				L												L									Dead
		\vdash		L			\perp	-	igapha			L		-	-	\vdash		-	_	_		H	╄		n
																			120						Voucher#
																									(cm)
			Τ	Г				Г			Ŋ.			Γ		Γ						Γ			DBH @
																									DBH condition condition
																									*Dead condition
																									holes pre
					٠																				Epicormic
																									Woodpecker holes

*** Change intensive module numbers when necessary

9

00

Map all ash trees ≥10cm in each module using Tree ID number

N

ω

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey Cieveland Metroparks Tier 1: Early detection/Rapid response **Presence** GPS NE SW NW Presence Microstegium vimineum Japanese stiltgrass X: yes 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 SW NE SE NW # of Plants Acer platanoides Norway Maple 1-10 Ailanthus altissima Tree of Heaven 11-50. Lonicera japonica (vine) Japanese Honeysuckle 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) (Alnus glutinosa European Alder Dipsacus laciniatus Cut-leaf Teasel Elaeagnus umbellata Autumn Olive (shrub) Lonicera maackii Amur Honeysuckle (shrub) Euonymus fortunei Wintercreeper 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 11-50. Eleutherococcus pentaphyllus Five-leaf Aralia (shrub) 51-100 Pachysandra terminalis (G-cover) | Japanese Pachysandra 4: 101-1,000 Philadelphus coronarius **Mock Orange** (shrub) >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 SW SE NW # of Plants Alliaria petiolata Garlic Mustard 1-10 Ligustrum vulgare **Common Privet** (shrub) 11-50. L. morrowii, L. tatarica **Bush Honeysuckles** (shrub) 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) Rosa multiflora Multiflora Rose (shrub) Typha angustifolia, T. x.glauca Cattails (wetland) Cirsium arvense Canada thistle Dipsacus fullonum Common Teasel

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

(G-cover)

Dame's Rocket

Periwinkle

Hesperis matronalis

Vinca minor

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface
Project Label: PCAP Project Name: 0 N C 2015

Plot No.: 3457

- 85
- 60

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

At aspect

z

LFI is angle of plot to the horizon TSI is angles formed by local slopes For TSI measure angle from recorders eye to o, e of person

away. standing -10 m McNAB INDICES (degrees) + for up - for down

I ANDIANG BIOTRASS (required for energeth wettands); coincided in 0.1m clip plots (32x32 cm) from contest 1 and 3 in each intensive module. Required for VIBI-E score calculation, C'i=check when	quired for emerge) from corners 1 an E score calculation	d 3 in each	when	ä
collected				CLASSIFICATION
Module #	C?	Corner Corner	Corner	(FII excellent g Fit and Confidence
				Hydrosecomorphic class (WETLANDS ONLY):
				D DEPRESSION
		T		□ IMPOUNDMENT □ Beaver □ Human
				□ RIVERINE □ Headwater □ Mainstem □ Channel
				G SLOPE (ground water hydrology or on a physical slop)

CLASSIFICATION			
(FIT excellent, g Fit and Confidence			
Hydrogeomorphic class (WETLANDS ONLY):			
DEPRESSION	Fig	Confe	
□ IMPOUNDMENT □ Beaver □ Human	FRE	Conf-	
RIVERINE - Headwater - Mainstem - Channel		Conf	
O SLOPE (ground water hydrology or on a physical slop)	File	Conf-	
n FRINGING in Reservoir in Natural Lake	Fig	Conf=	
□ COASTAL (specify subclass)	Fig	Conf=	
BOG (strongly, moderately, weekly ombrotrophic)	Υ	Conf=	
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	Ä		
□ FOREST □ swamp forest □ bog forest □ forest seep	FILE	Conf=	
D EMERGENT D marsh D wet meadow D open bog	7	Conf	
SHRUB a shrub swamp a tall sh. bog a tall sh. fen	H	Conf=	

	MICKO TOLOGRAPHIC LEW LOVE COOKING - Intensive intouties only	MICROTOROGRAPHIC CEATURE COUNTY Internation and the control	

feature is absent or functionally absent from the wetland

Stope 1 = sight elevational grade across module (hill)

Stope 2 = falls on slope ~20°

- feature is present in the wetland in very small amounts or if more common, of low quality
- feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality

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

			2	œ	7	7	mod#	905 P					
							corner						
			Ø	\$	6	Ø	(count)	lx lm	depth 3		tussocks	no. of	
			0		0	6	(count)	3.16x3.16m	depth 2	uplands (Tip-Ups)	hummocks	no of	
			3	7	4	2	(count)	10x10m	depth 1		depressions	no macro.	
			4	-	0	3	(count)	10x10m	depth 1		(2-12 cm)	c.w.d	c.w.d cour
			2	6		_	(count)	10x10m	depth 1		(12-40cm)	cw.d	c.w.d count for pieces with minimum 1m length
	1 1	199		-	0	6	(count)	10×10m	depth 1		>40 cm	cwd	ninimum 1m length
			3	4	W	8	(rank)	10x10m	depth 1		interspers.	microhab,	
			Q	0	8	0	(rank)	10x10m	SLOPE			microhab.	

Ranks for microhabitat features. Selections or select two and average the score.NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) to begin + any features present Stope 1 = maximum steepness that can be safely sampled ~45° ** Terrain Shape Index (site microtopographic shape) Landform Index (position within landscape) +315 degrees +270 degrees +225 degrees +180 degrees +135 degrees +45 degrees +90 degree ¥ WS Z. SE s

CROWN COV readings per m corresonding s	CROWN COVER (DENSIOMETER) Ma readings per module facing, N. S. E. W. Plac corresonding space (4 dots per gnd square) Module N. S. M. S. M. Place corresponding space (4 dots per gnd square)		ETER) Ma E.W. Plac gnd square	CROWN COVER (DENSIOMETER) Make 4 readings per module facing, N. S. E. W. Place dot count in corresonding space (4 dots per gnd square) Module N. S. E.
Module	2	y.		(4)
2	9	3		4
3	10	6		(0)
8	2	7	•	-
9	6.	7		8

NOTE: tussock and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.

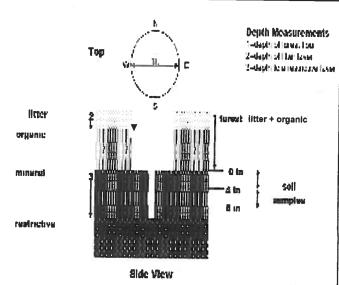
COVER BY STRATA

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

*Very tall shrubs are sometimes included in the tree stratum

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

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



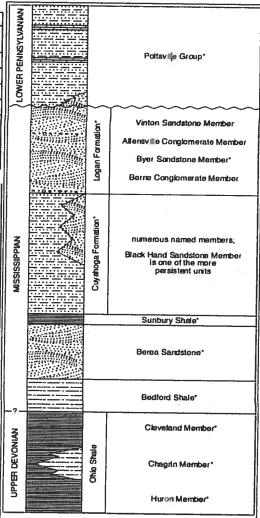


FIGURE 3-20.—Generalized section of Upper Devoman, Mississippian, and Lower Pennsylvanian formations in northeastern Ohio. Asteriaks indicate units that are fossilifecous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the thicknesses indicated are proportional. The term 'Wavety' is used in the clder literature to refer to Mississippian rocks in Ohio. Some geologists use the European term 'Carbomferous, 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 1s a spectacular massive sandstone that is fairly undespread but discontinuous See Hyde (1953), Hoover (1960), and Colins (1979) for more information on Mississippian rocks in Ohio. See figure 3-18 for explanation of rock types.

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a
Project label: PCAP Project Name: 01 NC 2013
Plot No.: 345 7

(Cilcreland Retroparks

Page: 1 of 1

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

Soil pit module # ____ (one per entire plot) 20 cm matrix color 3 5 7 4 5 cm matrix color 2.5 hydr. cond *** texture* 2 redox features** edox features** xid roots nottle color none nottle color MONG nottle IS (M) D رړ د 3 2

refer to texture classes on reverse side

ydro cond.***

I S II

*** Circle one:
1-indundated S-saturated M-moist D-dry
Notes: include evidence of earthworms (worms. e.g. hydrogen sulfide odor, gleying, etc.

castings, middens)

castings present One work seen,

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

\$ = D	DR	Pare	Dep	Lanc	Soil	Soil	Wet	2,3,8	Soil
Excessively dr Well drained Comewhat poo	DRAINAGE*	Parent Material	h to re	Landform type:	Series	Series/	Soils	9 com	Collect
ely dr ned at poorl	E.	erial	Depth to rest, Layer	ype:	Source	Soil Series/Type: M	Web Soil Survey Inform	2,3,8,9 composited	ion M
y dr.		1	H	E	Опо	25	nform	ľ	duldH
☐ Excessively dr. ☐ Somewhat excessively ☐ Well drained ☐ Moderately well dr. ☐ Somewhat poorly dr. ☐ Very poorly dr.			O	ill glams	Soil Series Source Ohio Soil Survey	N	ation:		Soil Collection Moduld Horizon (A. B. C)
at exce tely we ry poor			>	20	vey	Mahoning		H	A. B. C
ssively all dr rly dr			_			Dine		A	٢
		-		_	1_	100	- I	_	_
		ı	3			sill lain			

u Impermeable surface 3/9 86

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

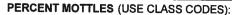
0	00	w	ಖ	mod#
9	る。み	6	0.6	l litter+ organic depth (cm)
35	83	.6	a.0	2 litter depth (cm)
0.0	0.0	0.0	0,0	water depth (cm)
7.30	730	730	730	depth sat soil (cm)

EARTH SURFACE & GROUND COVER	CE & GROU	IND COVER	-
Underlying Earth Surface*	Surface*	Ground Cover	
Sum = 100%)	percent	(Finh = 100%)	percent
Histosol	8	Coarse Woody Debris***	
Mineral Soil	99	Fine Woody Debris****	S
Gravel-Cobble*	-	Litter	35
Boulder**	8	Duff (Ferm. + Humus)	
Bedrock	Ø	Bryophyte- Lichen	,
Gravel-Cobble = 1/16-10	1/16-10"	Water	2
**Boulder = > 10 in	in	Bare Soil	2
*** >5 cm in diameter	neter	Road/Trail	2
		Other	9

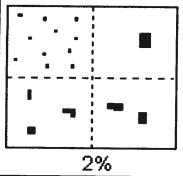
COVER BY STRATA estimate using midpoir	COVER BY STRATA sestimate using midpoints of 5,ex:3, 8, 13	% ex:3, 8, 13
Strata	Height Range (m)	Total Cover (%)
Tree	Š.	23
Shrub	5.8	63
Herb	05	w
(Floating)*	•	0
(Aquatic)*	•	O
rooted and fi	rooted and floating or slightly emersed	sed
** submersed,	submersed, most plant mass below surface	w surface
SEE BACK O	SEE BACK OF PAGE FOR "TYPICAL"STRATA	SEE BACK OF PAGE FOR "TYPICAL"STRATA

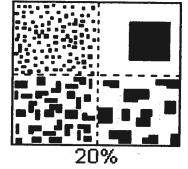
□ Deer	ं Gravel	□ Bootleg unsanctioned	Hiking sanctioned	Bridle NO	o All Purpose	Туре	record type and cover for each	TRAIL INFORMATION:	
				KKIC	2	%Cover	each	•	

proj siza	A plot are	□ 1-3 x plot size	3-10 x plot size	10-100 x plot size	a > 100 x plot size	□ >600 x plot size	STANDSIZE
	_			60.	14		-



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





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

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

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

Code

PDP

ΪĒ

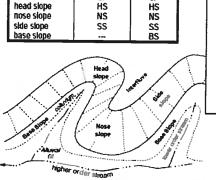
NASIS

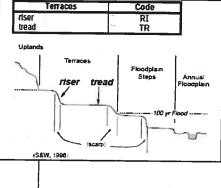
16

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

Hillis

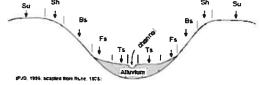
Interfluve





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

POSRIDII	Code
summit	SU
shoulder	SH
backslope	BS
footslope	FS
toeslope	TS
Su Sh	
Bs	



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

UPLAND: Not a wetland. Very rarely flooded.

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

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.

Site	D: <i>F</i>	> 1	I IP	1/		1/4		RM B-1:	BUFF	ER	SAI	//PL	E Pl				Review	wed by (- (•
		CA	0 /	V		-7	<i>3 '</i>		E 101	in h	uhh	lo/e)	if n				sampled a				,	
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			-			_			Buffer	Nati	ıral	Cov	er St	rata	1							100
Fill in bubble Strata Section	s for all th on: Fill in a	nat app approp	ply: Ca priate d	nopy cover o	Type: I lass b	D = D oubble	eciduou for eacl	s; E = Evergre n strata type fo	en. Leaf T or each plo	ype: E ot. 0 = .	B = Bro Absen	t; 1 = \$; N = N Sparse	leedle (<10%	e Leaf. A 6); 2=Mo	bsent: No tree derate(10-40	e canopy. %); 3 = Heavy (40	0-75%);		ery He	avy (>75%)
Buffer Plot 1	Canopy	y Typ f Typ) (·		sent	: O Flag	Buffer Plot 2	Canop	y Typ	->	$\stackrel{\leftarrow}{\sim}$	- 	sent	Flag	Buffer Plot 3	Canopy Typ Leaf Typ	$\overset{-}{ imes}$	\odot	Abs	sent:	Flag
Big Trees (>			0	<u></u>		0	riug	Big Trees ($\overline{\sim}$	<u></u>	<u></u>		0		Big Trees	(>0.3m DBH)	0	0	ा	0	
mall Trees (<			0	0	0	0		Small Trees (0	0	$\exists +$	ŏ		Small Trees	(<0.3m DBH)	Ō	Ō	Ō	Ō	
Woody Shrubs	, Saplings	0	0		0	0		Woody Shrub	s, Saplings	0	0	0	0	ŏ			ibs, Saplings im-5m HIGH)	0	0	Ŏ	Ŏ	
Noody Shrubs		0	0	0	$\overline{\odot}$	$\frac{0}{0}$		Woody Shrub		-		0	 +	ŏ		Woody Shru	bs, Saplings	Ŏ	ŏ	ŏl	ŏ	
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V	egetation	•	0	0	0	0	L.,	١	egetation/	<u>10</u>	0	0	0	0	5 00 - 4		Vegetation 0	0	0			
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Resi	dential	and	Urb	an S	tress	sors			Hydrolo	ogy S	itres	sors					Agricultural					
FIII bubble	If pres	ent - I	Plot	1	2	3	Flag	FIII bubbl	e If pres	ent -	Plot	1	2	3	Flag	Fili bubble	if present - F	lot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C			V	0	0	0	-	Pasture/Ha	зу		0	의	의	
Road - two	o lane		100	0	0	0		Dike/Dam (IMPEDE FLO	OW)	100		0	0	0		Range			0	0	0	
Road - fou	ur lane			0	0	0		Water Lev	rei Contro	ol Str	ucture	+ -	0	0		Row Crops		1110	0	0	의	
Parking Lo	ot/Paven	nent		0	0	0		Excavatio	n, Dredgi	ing		0	0	0		ROW CROP FIE		ING	0	0	이	
Golf Cour	se			0	0	0		Fill/Spoil 6		Cadin		0	0	0		SHRUBS, TRI	ld (OLD - GRASS, EES)	-	9	의	의	
Lawn/Parl	k			0	0	0		Freshly Do	TED)			0	0	0		Nursery			0	0	9	
Suburban	Resider	ntial		0	0	0		Soil Loss/	Root Exp	osure	9	0	0	0		Dairy		-	9	의	의	
Urban/Mu	Itifamily			0	0	0		Wall/Ripra				0	0	0		Orchard			0	의	0	
Landfill				0	0	0		Inlets, Ou				10	0	0			Animal Feeding		0	의	0	
Dumping				0	0	0		(EFFLUENT	OR STORM	WATE	R)	0	0	0		Rural Resi	dentiai		0	9	0	
Trash	Lane.			0	0	0		(SHEETFLO)		: iripu		0	0	0		Gravel Pit			0	0	0	
Other:		_		0	0	0		Other:	-	4711		10	0	0		Irrigation	16 15	-	9		9	
Other:				10	0	0		Other:			-	0	0	0	L	Other:			0	0	0	
Indu	striai D	evei	opm	ent	Stres	son	S						Habit	at/V	egeta	tion Stres	sors			,		
Fill bubble	e If pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	ent -	Plot	1	2	3	Flag	FIII bubb	ole if present -	Plot	1	2	3	Flag
Oil Drilling	1			0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide (Jse		0	0	0	
Gas Wells	5			0	0	0		Forest Sele	ective Cu	t		0	0	0		Mowing/Sh	rub Cutting		0	0	0	
Mine (surf	face)			0	0	0		Tree Planta	ation		4	0	0	0		Trails			0	0	0	
Mine (und	erground	d)		0	0	0		Tree Cano	py Herbiv	ory	NO AN	0	0	0		Soil Compa	action		0	0	0	
Military			100	0	0	0		Shrub Laye		ed		•	0	0			hicle damage	h I	0	0	0	
		-		1	0	0		Highly Gra	zed Gras	ses		0	0	0		Soil erosion	n (FROM WIND, W	ATER,	0	Ö	0	
Other:			_	10		-		Recently B	umed Fo	rest			0	0		OR OVERUSE Other:	1		0	0	0	
Other:		-	_	0	0	0		Canopy Recently B			nd	0				Other:			$\frac{3}{6}$	_		
Other:		. 14	**	0	0	0		BLACKENED)			0	0	0	ionad h		row		U	0	0	
	lag codes luffer Sa					Exp	iain ail	Suspect meas flags in comr	nent secti	on on	the b	ack of	this fo	.m	-Auso o	y sautt tield C		242	8168	3304		

● FC	RM	B-	1: [BUFF	ER SAMPLE PLOTS -	TAI	RGE	TEI	D ALI	EN SPECIES (Back) Reviewed b	ry (initla	l):		•
Site ID:	PC	CA	PA	VC:	345.7	DAT	re: _	0	71	3012013				
Confirm	a fili	ed da	ita bi	ubbie i	ndicates presence and an uni	illed	bubb	le Inc	dicates	absence by filling in this bub	bie			
Fill bubble if present - Piot		2	3		Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Glant Salvinla	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
										Other:	0	0	0	
					PLOT COORE	DINA	TES				701			
● AA CENTER O N3 Latitude N	3 (O S	3	O E3		Lon	gituc	le W	-	and comment below)	0		Fla	
Flag Comments														
Buffer Sample Poi	nts -	Targe	eted	Alien S	pecies 05/27/2011					7966	5623	548		

	n-		Alloresa	i lei	FOF	RM B-1:	BUFF	ER	SAN	/PL	E PL	OT.	S (Fr	ont)	Reviewed by	(initial)		_ (
Site ID: PCAT	PN	103	34	57	<u></u>		8.57						DATE	0.7	13.0.1.2	0	1.3	3	
Location:							Fill	in b	ubb	le(s)	if pl	ot(s) cou	ld not be	sampled and f	ag -	→		
O AA Center @	N	0	S	OE	0	W	P	lot 1	1	01	Plot	2	@ P	lot 3	Workers of			2	- [
		_					Buffer							haant: No tree					
Fill in bubbles for all that app Strata Section: Fill in approp	ply: Ca priate d	nopy over c	i ype: lass b	ubble	for each	s; E = Evergre n strata type fo	or each plo	ype: 6 t. 0 = 7	Absen	t; 1 = 5	; N = N Sparse	(<10%	6); 2=Mo	derate(10-409	3 сапору. %); 3 = Heavy (40-75%)	; 4 = V	ery He	avy (>75%)
Buffer Canopy Typ	e: 🀠) () At	sen	ï O	Buffer	Canop	у Тур	e: 🍘	() Ab	sent	: O	Buffer	Canopy Type: 🕞	1	Ab	sent	: O
Plot 1 Leaf Typ	e: 🕡) (Flag	Plot 2	Lea	f Typ	e: 🍕) (C			Flag	Plot 3	Leaf Type: 0	<u> </u>			Flag
Big Trees (>0.3m DBH)	0	0	0	(Big Trees (>	>0.3m DBH)	0	0	0		0		Big Trees	(>0.3m DBH)	0	0	0	
Small Trees (<0.3m DBH)	0	0	0	(1)		Small Trees (<0.3m DBH	0	0		0	\odot		Small Trees	(<0.3m DBH) ① ①	0	0	0	
Woody Shrubs, Saplings (0.5m-5m HIGH)	0	(0	0		Woody Shrub	s, Saplings 1-5m HIGH)	0	0	0	_	0			ibs, Saplings	0	0	<u> </u>	
Woody Shrubs, Saplings (<0.5m HIGH)	0	0	0	0		Woody Shrub	<u> </u>	0	0		0	Ŏ		Woody Shru		0	<u> </u>	0	
Herbs, Forbs and	0	0	$\overset{\circ}{\odot}$	$\overline{\odot}$			Forbs and	_	0	0	_	ŏ			Forbs and	0	0	Ŏ	
Bare ground ()	0	Ö	0	ŏ		Bare	Grasses ground	0	<u>(a)</u>	0	=	ŏ		Bar	re ground ① ①	0	0	ŏ	
Litter, duff ①		0	$\overline{0}$				tter, duff	0	0	0	_	<u></u>			itter, duff ① ①	0	<u></u>	Ö	
	0			-		Li		-	_	-	- -	-				-	$\stackrel{\smile}{\hookrightarrow}$		
Rock @	0	0	<u>0</u>	0			Rock	(2)	0	0	-	의			Rock ① ①	0	Θ	의	
Water 6	0	0	<u> </u>	0	ļ		Water	0	<u></u>	0	0	의			Water 0 0	0	9	9	
Vegetation 🐷	0		0	\odot		١	egetation/	@	\odot	0	0	Θ			Vegetation 0	0	O	0	
Stressor Presence	e/Ab	senc	e = (Confi	rm that	a filled data	bubble i	ndica	tes p	resen	e and	d an i	unfilled	bubble indi	cates absence by fill	ng thi	s bub	ble.	0
Residential and	Submerged						Hydrolo	gy S	tres	sors					Agricultural & Ru	ral S	Т		1
Fill bubble If present -	Piot	1	2	3	Flag	Fill bubble	e if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if present - Plot	1	2	3	Fiag
Road - gravel		0	Q	0		Ditches, C				0	0	0		Pasture/Ha	ау	0	0	이	
Road - two lane		0	0	0		Dike/Dam/		≀ Bed	0.8.	0	0	0		Range		0	0	의	
Road - four lane		0	0	0		Water Lev	el Contro	l Stru	cture	0	0	0		Row Crops		0	0	0	
Parking Lot/Pavement		0	0	0		Excavation	n, Dredgii	ng	Je	0	0	0		Fallow Fiel ROW CROP FIEL	d (recent-resting	0	0	0	
Golf Course		0	0	0		FIII/Spoil B	Banks			0	0	0	,	Fallow Fiel SHRUBS, TRE	d (OLD - GRASS, ES)	0	0	0	
Lawn/Park	10	0	0	0		Freshly De		Sedin	nent	0	0	0		Nursery		0	0	0	
Suburban Residential	IIII	0	0	0		Soil Loss/		osure		0	②	0	1	Dairy		0	0	0	
Urban/Multifamily		0	0	0		Wall/Ripra	ip			0	0	0		Orchard		0	0	0	
Landfill		0	0	0		Inlets, Out				0	0	0		Confined A	Animal Feeding	0	0	0	
Dumping		0	0	0		Point Sour (EFFLUENT C Impervious	rce/Pipe or storm	NATER	3)	0	0	0		Rural Resi	dential	0	0	0	
Trash		0	0	0		Impervious (SHEETFLOV		input		0	0	0		Gravel Pit		0	0	0	
Other:		0	0	0		Other:				0	0	0		Irrigation		0	0	0	
Other:		0	0	0		Other:				0	0	0		Other:		0	0	O	
Industrial Devel	opm	ent S	Stres	son	S		HIL	gi V	0.00		labit	at/V	egetal	ion Stress	sors				
Fill bubble if present -	Piot	1	2	3	Fiag	Fili bubble	If prese	nt - I	Piot	1	2	3	Flag	Fiii bubb	le if present - Plot	1	2	3	Flag
Oil Drilling		0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide L	Jse	0	0	0	
Gas Wells	1	0	0	0		Forest Sele	ective Cul			0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (surface)		0	0	0		Tree Planta	ation			0	0	0		Trails		0	0	0	
Mine (underground)		0	0	0		Tree Canor	oy Herbiv	ory	116	0	0	0		Soil Compa		0	0	0	
Military		0	0	0		Shrub Laye		d		•	0	0			nicle damage	0	0	0	
Other:		0	0	0		Highly Graz	zed Grass	ses		0	0	0			(FROM WIND, WATER,	0	0	0	
Other:	_	0	0	0		Recently B		rest		0	0	0		OR OVERUSE Other:		0	0	0	
		0	0	0		Canopy Recently B		assia	nd	0	Š	0		Other:		0	0	0	
Other: Flag codes: K =	No ma				n 1 = 0	(BLACKENED)		F1 F	2. atc		c. flan	_			rew.	-			P
Buffer Sample				Exp	lain all 1	lags in comn	nent section	on on	the b	ack of	this fo	LIU	3		242	AT 65	304		

FO	RM	B-1	1: E	BUFF	ER SAMPLE PLOT	S - '	TAF	RGE	TE) ALI	EN SPECIES (Back) Reviewed b	y (initia	il):		
Site ID:	PCI	991	VC	345	57		DAT	E: <u>(</u>) =	7_1_	3.0 1 2.0.1.3				
O Confirm	a fiile	ed da	ıta bı	ubble ir	ndicates presence and an	unfi	iied I	oubbl	ie Inc	dicates	absence by filling in this bub	ble		ly II.	
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - P	lot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife		0	0	0		Johnson Grass	0	0	o	
Water hyacinth	0	0	0		Knotweed		0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	Yê.	0	0	0		Multiflora Rose	0	0	o	
Giant SalvInla	0	0	0		Perennial Pepperweed		0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed		0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass		0	0	0		Tamarisk	0	0	0	7357
Mile-A-Minute Weed	0	0	0		Reed Canary Grass		0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0	,	Common Reed		0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge		0	0	0		Other:	0	0	0	-1.42
											Other:	0	0	o	
			F	III.	PLOT COC	ORD	INA	TES		-					
Location of coordinate O AA CENTER O No	3 (O 83	3	O E3	8.6.H.O.		Lon	gitud	le W		and comment below)	6.		Fla	
					Use Decimal D	egre	es;	NAD	83				20110		
Flag Comments						NEW Y					**			1 kg	
1 Ravine cu	rre	nt	-ly	dri	, on the war	. .	lian	120	+	D (4)	cully slope loc	0:		ch	4
stream.			1	/	-) 	<i></i>	<u> </u>		0 00	July, Supe and	047	9	120	0
2 Took wood	2+	at	F 3	tee	a door into	. /	מוד	in	0 /	Chas	Sically the ha	10	01		Lot
2). That			_	the	fax side	n!	+1	10	ct	CPAL	sically the ba	20	<u> </u>	1	OF
traverse		<u> </u>		- Car	Our Si cui	0	10	Ck .	- 1	(0	m was 1000	EK,		U	
7:															
						-									
		-2-1					400		-					0.00	
Buffer Sample Po	ints -	Targ	eted	Alien S	pecies 05/27/2011						796	6623	3548		D

•							FOF	RM B-1:	BUFF	ER	SAN	IPLI	E PL	.OT	S (Fr	ont)	Reviewed by	(initial):	100	_ (
Site I	D: 🤌	CAI	ON	IC	31	15	7								DATE	07	13012	0	1.3	_	
Locati									Fill	in b	ubb	le(s)	if pl	ot(s) cou	ld not be	sampled and f	ag -	→		
OAAC	Center	0	N	0	S	0 E	0	W .	OP	lot	1	OF	lot 2	2	OP	lot 3					
Fill in bubble Strata Section	es for all th on: Fill in a	nat app approp	oly: Ca criate d	nopy over o	Type: I	D = D oubble	eciduous	F = Evenne	Buffer en. Leaf T or each plo	vne: B	l = Bro	adleaf	N = N	eedle	Leaf. A	bsent: No tree derate(10-40°	e canopy. %); 3 = Heavy (40-75%)	; 4 = V	ery He	avy (:	>75%)
Buffer	Canop			_		seni	_	Buffer	Canopy				_	sent		Buffer	Canopy Type:	_	T	ent:	$\overline{}$
Plot 1	_	f Typ	$\overline{}$) (4		Flag	Plot 2		f Typ		<u>O</u>	-		Flag	Plot 3	Leaf Type: @	<u> </u>			Flag
Big Trees (>	0.3m DBH)	0	0	0	0			Big Trees (0.3m DBH)	0	0	0	0	<u>a</u>		Big Trees	(>0.3m DBH) ①	0	0	0	
Small Trees (<	<0.3m DBH	0	0		0	0		Small Trees (<0.3m DBH)	0	0	0	(4)	0		Small Trees	(<0.3m DBH) ① ①		0	0	
Woody Shrubs	s, Saplings -5m HIGH)	0	0	(0	0		Woody Shrub	s, Saplings n-5m HIGH)	0	0	0	a	<u>o</u> l			ubs, Saplings im-5m HIGH)	0	(2)	0	
Woody Shrubs	s, Saplings	0	0	0	0	0		Woody Shrub	<u>-</u>	Ō	0	0	٥l	Ō		Woody Shru	bs, Saplings <0.5m HIGH)	0	0	0	
	orbs and		0	0	0	0			Forbs and	0	6	0	- -	Ŏ			Forbs and Grasses O	0	<u></u>	0	
Bare	Grasses ground	0		0	0	0		Bare	Grasses ground		0	0	_	ŏ		Baı	re ground ① ①	0	Ŏ	Ŏ	
	ter, duff	0	0	0	0	0			tter, duff	0	0	0		<u></u>			itter, duff ① ①	0		Ŏ	
	Rock		0	0		0			Rock	9	0	0		Ō			Rock ① ⑩	0	<u></u>	ŏ	
	Water	1	0	0	_	-			Water	0	0	0	0	<u></u>			Water 🙆 🕦	0	ă	<u>Ö</u>	
Sı		(-	~	0	0	-	s	ubmerged	+=	=		$\overline{\sim}$	$\stackrel{\sim}{\sim}$			Submerged (0	허	<u></u>	
V	egetation/				_	\sim	41 -4		/egetation		0	0	0	\odot	unfilled	hubble indi	vegetation	\subseteq	$\underline{\smile}_{1}$		
		-					m that			-	-		e and	ı anı	uninea		Agricultural & Ru				
	Submerged Vegetation O O O O Sor Presence/Absence - Confirm Sidential and Urban Stressors le if present - Plot 1 2 3 I					Hydrolo	-					E1	10		1	2	3	Flag			
Fili bubbic	e if pres	ent -	Plot	1			Flag	Fili bubbi	e if prese	ent -	Plot	1	2	3	Fiag		e if present - Piot				riay
Road - gr	avel			0	0	0		Ditches, C Dike/Dam				0	0	0		Pasture/Ha	ay	0	읫	의	
Road - tw	o lane			0	0	0	-	(IMPEDE FLO	OW)			0	0	0		Range		0	의	의	
Road - fo	ur lane			0	0	0		Water Lev		-	ucture	1	0	0		Row Crops	Id (RECENT-RESTING	0	의	0	
Parking L	.ot/Paver	nent		0	0	0		Excavatio		ng		0	0	0		ROW CROP FIE		0	의	0	
Golf Cour	rse			0	0	0		Fill/Spoil E Freshly De		Sedin	nent	Ö	0	0		SHRUBS, TRI		0	읮	의	
Lawn/Par				0	0	0		(UNVEGETA	TED)	-		10	0	0	,	Nursery		0	의	00	
Suburban		ntial		0	0	0		Soil Loss/	•	osure	•	0	0	0)	Dairy		0	읝	0	
Urban/Mu	ultifamily			0	0	0		Wall/Ripra				0	0	0		Orchard	Animal Fooding	0			
Landfill			1245	0	0	0		Inlets, Ou Point Sou				16	0	0	-	Rural Resi	Animal Feeding	0	0	이	
Dumping				0	0	0		(EFFLUENT Imperviou	OR STÖRM	WATE	R) .	0	0	00		Gravel Pit		0	ö	히	
Trash	-			0	0	0		(SHEETFLO)	N)		_	0	0	$\overline{}$		Imigation		0	0	히	
Other:		_		0	0	0		Other:				10	0	0		Other:		0	0	히	
Other:		-		0	0	0		Other:	2 11 100			10	0	0				0	0	9	
Indu	ıstrial C)evel	opm	ent	Stres	ssor	8					_ '	labit	at/V		tion Stres				_	
Fili bubbi	e if pres	ent -	Piot	1	2	3	Fiag	Fili bubbi	e if prese	nt -	Piot	1	2	3	Flag	Fill bubt	oie if present - Plot	1	2	3	Flag
Oil Drilling	g			0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide (Jse	0	0	0	
Gas Well	s			0	0	0		Forest Sele	ective Cu	t		0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (sur	face)			0	0	0		Tree Planta	ation			0	0	0		Trails		0	0	0	
Mine (und	dergroun	d)		0	0	0		Tree Cano (INSECT)		W.		0	0	0		Soil Compa (ANIMAL OR I	action (UMAN)	0	0	0	
Military			2012	0	0	0		Shrub Laye	er Browse	ed		0	0	(3)		Offroad ve	hicle damage	0	0	0	
Other:				0	0	0		Highly Gra	zed Gras	ses		0	0	0		Soil erosion	n (FROM WIND, WATER,	0	0	0	
Other:				0	0	0		Recently B	urned Fo	rest		0	0	0		Other:		0	0	0	
Other:			1/42	0	0	0		Canopy Recently B		assla	ind	0	0	o		Other:		O	0	0	
_	lag code	s: K =	No m				e. U = 9	(BLACKENED		F1.F	2, etc				Igned b	y each field o	rew. 242	8168		_	
	Buffer Sa					Exc	lain all	flags in com	ment secti	on on	the b	ack of	this fo	m	nsig	Court Inc	242	0.100	, 504	1	
												14111									-

NE: barberry

Museum & W. W. Wall					ER SAMPLE PLOTS -					Reviewed t	y (initia	al):		•
Oite iD	<u> </u>	AI		163	3457	DAT	E:	0 7	/	3.0. 2.0.1.3.				
O Confir	m a fiil	ed da	ata b	ubble i	ndicates presence and an uni	filled	bubb	ie Ind	dicates	absence by filling in this bub	ble			aura.
Fill bubble if present - Pl	ot 1	2	3	Flag	FIII bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Glant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	o	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	_
	all									Other:	0	0	ö	_
					PLOT COORE	DINA	TES				l Blass			
Latitude	North	4	. 1	.5		Lon	gitud	le W		and comment below)	0.			
Flag Comment	s				PERSONAL FROM THE						Maga Ula			
1 Another	rav	in	0 0	207	histope lead	h	d	Du	n	to agully. Cur	ren	atl	7	ly
Buffer Sample P	oints -	Targe	eted /	Alien Sr	pecies 05/27/2011					7966	623	548		

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•	riju:			W.				RM B-1:	BUFF	ER	SAN	/PL	E PL				Reviewed by	initial):		- (
Site I	D: _	CA	PA	VC	34	59	7										13012	0	1.		
Locati	on:		361									le(s)	If pl	ot(s			sampled and fl	ag -	→	- /	- 11
OAAC	Center	0	N	•	S	OE	0			lot 1			Plot 2			lot 3					4
Fill In bubble Strata Section	es for all th on: Fill in a	at app	oly: Ca riate d	nopy T	Type: lass b	D = D ubble	eciduous for each	· F = Evering	Buffer en. Leaf T or each plo	vne: 8	= Bm	adleat	. N = N	leedle	Leaf. A	bsent: No tree derate(10-40	e canopy. %); 3 = Heavy (40-75%)	, 4 = V	ery He	avy (>75%)
Buffer	Canopy	/ Тур	e: Ø	9 () At	sent	: O	Buffer	Canopy	у Тур	e: 🌘) () Ab	sent	: 0	Buffer	Canopy Type: 🕞	<u>0</u>	Abs	ent:	0
Plot 1	Lea	f Тур	e: 🏮) (E			Flag	Plot 2	Lea	f Typ	e: 🌘) (Flag	Plot 3	Leaf Type: 0	<u> </u>	<u> </u>	_	Flag
Big Trees (>	0.3m DBH)	0	0	(0	0		Big Trees (•0.3m DBH)	0	0		0	0		Big Trees	(>0.3m DBH)	0	<u> </u>	<u> </u>	
Small Trees (<	(0.3m DBH)	0	0	0	0			Small Trees (<0.3m DBH)	0	0	0	0			Small Trees	(<0.3m DBH)	0	0	0	
Woody Shrubs	s, Saplings -5m HIGH)	0	0	0	0	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)	0	0	0		0			ibs, Saplings m-5m HIGH)	0	0	0	
Woody Shrubs		0	9	0	0	0		Woody Shrub		0	0	3	0	0		Woody Shru	bs, Saplings 0.5m HIGH)	0	0	0	
	orbs and Grasses	0		0	0	0			Forbs and Grasses	0	0		0	0		Herbs,	Forbs and Grasses O	0	0	0	
Bare	ground	0	<u> </u>	0	0	0		Bare	ground	0	6	0	0	0		Bar	e ground ① ①	0	0	0	
Lit	ter, duff	0	0	0	0	•		Li	tter, duff	0	0	0	0			L	itter, duff 💿 🕦	0	0	0	
	Rock		0	0	0	0			Rock		0	0		ŏ			Rock ① ①	0	0	0	
	Water	ð	0	0	0	$\overline{\odot}$	j		Water	(4)	0	0	<u></u>	ŏ			Water ① ①	0	ŏ	ð	
Sı	ubmerged		0	0		0			ubmerged	0	0	0	$\stackrel{\smile}{-}$	ŏ			Submerged (0	<u></u>	<u></u>	
	egetation	-	_	_	\sim	\succeq	m that		egetation	ndica	\sim				ınfilled		vegetation C C C C C C C C C C C C C C C C C C C	- 1	s bub	ble.	9
		-	-		-					781		440	30 0110	2000			Agricultural & Ru				
	idential		-	an S	Γ				Hydrolo		_	T	2	3	Fiag	Maria II.	of present - Piot	1	2	3	Flag
Fili bubbi		ent - I	Plot	1	2	3	Flag	Fiii bubbi			Plot	1	2		riay			0	_	0	
Road - gr				0	0	0		Ditches, C		alatan .		10	0	0		Pasture/Ha Range	ау	0	9	0	
Road - tw		South		10	0	0	-	(IMPEDE FLO	OW)			10	0	00		Row Crops		0	0	0	
Road - for	-			10	0	0		-			iciuie	-	_	0			d (RECENT-RESTING	0	0	5	
Parking L		nent	_	0	0	0		Excavatio Fill/Spoil 6		iiy		0	0	0	-	ROW CROP FIE		0	0	ö	
Golf Cour		4		10	0	0		Freshly D	eposited	Sedin	nent	8	0	0		SHRUBS, TRI Nursery	EES)	0	0	0	
Lawn/Par		tial	-	10	9	0		Soil Loss/		osure		6	0	0		Dairy		ŏ	0	ŏ	
Suburban		Itiai	-	0	00	0		Wall/Ripra				6	0	0		Orchard		ŏ	ŏ	0	
Urban/Mu Landfill	umaniny			6	0	0		Inlets, Ou		100	100	ŏ	0	0			Animal Feeding	ŏ	ō	0	
				6	0	0		Point Sou	rce/Pipe			0	0	0		Rural Resi		0	0	Ö	
Dumping Trash			,	0	0	0		(EFFLUENT Imperviou	s surface	inpu	t	0	ō	0		Gravel Pit		0	0	Ö	
Other:			1	0	0	0		Other:				0	0	0		Irrigation		0	0	0	
Other:		_		0	0	0	_	Other:			all states	0	ō	0		Other:		0	0	0	
_	strial D	evel	opm		100		s	2.37							egeta	tion Stres					
Fili bubbi	e if pres	ent -	Plot	1	2	3	Fiag	Fili bubbi	e if prese	nt -	Plot	1	2	3	Flag	Fill bubt	pie if present - Piot	1	2	3	Flag
Oil Drilline				0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide (Jse	0	0	0	
Gas Well	s			0	ō	0		Forest Sele		,		0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (sur				0	0	0		Tree Plant				0	0	0		Trails		0	0	0	
Mine (und		4)	-	6	+	0		Tree Cano		ory		0	0	0		Soil Compa	action	0	0	0	
	Jerground	u)		+	0			(INSECT) Shrub Laye	er Browse	ed						(ANIMAL OR I	iuman) hicle damage	0	0	0	
Military				0	0	0		(WILD OR DO	MESTIC)			0	4	0			n (FROM WIND, WATER,	_	-	_	
Other:				0	0	0		(OVERALL <3 Recently B	" HIGH)			0	0	0		OR OVERUSE)	0	0	0	
Other:			U III	0	0	0		Canopy			nd	0	0	0		Other:		0	0	0	
Other:				0	0	0		Recently B (BLACKENED)			0	0	0		Other:		0	0	0	
● F	lag codes	: K =	No m	easur	ement	mad	e, U = S	iuspect mea: flags in comi	surement.,	F1,F	2, etc	. = mis	c. flag this fo	s ass	igned b	y each field o	242	816	3304		
	Buffer Sa	mple	Plots	09	5/27/					J											

Site ID:	Po	AV	NIN	23	454	DAT	Œ: (0.9	71	3012013			
Confirm	a fili	ed da	ita bi	ubbie i	ndicates presence and an unf	illed	bubb	le Ind	licates	absence by filling in this bub	ble		
iii bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Fiag	Fill bubble if present - Plot	1	2	3
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0
Vater hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0
ellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0		0
Biant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	X	0
Sarlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0
oison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0
file-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0
irdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0
anada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0
										Other:	0	0	9
					PLOT COORD	INA	TEQ					9	91
g box, and describe where her placed as close to the Location of coordinate O AA CENTER O N	cesse fer Trathe contenter center es (ch	d, tak ansec ordir of Pl	e or	were to as possible):		ection of ection acces	of the holosible	trans w. Th Buffe	ect. Fil ne coor er Plot.	in the "nearest practicable loca dinates of the nearest practicab and comment below)	ation" le loca		
Buffer Plot 3 can not be according are centered on the Buffer gloox, and describe where their placed as close to the Cocation of coordinate O AA CENTER O No.	cesse fer Trathe contenter center es (ch	d, tak ansec ordir of Pl	e or	were to as possible):	aken and why in the comment sible or at the center of the last	ection of ection	or the holdsible	cation	ect. Fil ne coor er Plot.	in the "nearest practicable loca dinates of the nearest practicab	ation" le loca		e, fill can b
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Buffer Plot 3 can not be accosts are centered on the Buffer Buffer Box, and describe where her placed as close to the Cocation of coordinate O AA CENTER O N. Latitude N. Flag Comments	cessee fifer Tr. the cocenter es (ch 33 (d, tak ansecoordir of Phoos S3	e on	were tras possible): D E3	O W3 Nearest prac	ection dection	of the beloesible	cation	ect. Fill ne coor er Plot. n (flag	in the "nearest practicable loca dinates of the nearest practicab and comment below)	ation" le loca		e, fill can b
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						AH,	FOF	RM B-1:	BUFF	ER	SAN	IPL	E PL	OT	S (Fr	ont)	Reviewed by	initial):		_ (
Site I	D: P	CA	PI	IC.	34	15	7										3012			3	
Location									Fill	in b	ubb	le(s)	if pl	ot(s) cou	ld not be	sampled and fl	ag -	→		8
OAAC	Center	0	N	0	S	OE	0	W	1	Plot			Plot 2	1201011		lot 3					
Fill in bubble Strata Section	es for all th on: Fill in a	nat app approp	ply: Ca priate d	nopy 1	Type: I lass b	D = D ubble	eciduou for each	s F = Everare	Buffer een, Leaf T or each plo	voe: E	3 = Bro	adleaf	: N = N	leedle	Leaf. A	bsent: No tree derate(10-40)	e canopy. %); 3 = Heavy (40-75%)	; 4 = V	ery He	avy (>75%)
Buffer Plot 1	Canop	y Typ f Typ	-	$\overline{}$		sent	: O	Buffer Plot 2	Canop		e: 🎉	\sim		sent	: O	Buffer Plot 3	Canopy Type: 6	$\stackrel{\smile}{=}$	Ab	sent	: O
Big Trees (>			0	0	$\overline{0}$	0	riag	Big Trees (\overline{a}	0	0		0	Tiug	Big Trees	(>0.3m DBH)	0	ा		
mall Trees (<		$\overline{\sim}$	0	0	$\tilde{\odot}$	$\overline{0}$		Small Trees (ŏ	0		0		Small Trees	(<0.3m DBH) ① ①	Ŏ	ॅ	<u></u>	
Noody Shrubs	s, Saptings	0	0	0	0)		Woody Shrub	s, Saplings	6	0	<u></u>	- +	ŏ			bs, Saplings	-	<u></u>	ŏ	
(0.5m- Woody Shrubs	-5m HIGH) s, Saplings	0	0	0	0	0		Woody Shrub	s, Saplings	0	0	0	- -	ŏ		Woody Shru	bs, Saplings	0	Ö	ŏ	
	.5m HIGH) orbs and		(a)	0	0	$\frac{0}{0}$).5m HIGH) Forbs and		0	($\frac{6}{6}$			Forbs and Grasses		<u></u>	ŏ	
	Grasses	<u> </u>		-				Don	Grasses	1		-	 +	$\frac{0}{0}$		Por	e ground 0 0	0	<u></u>	히	-
	ground	0	0	0	$\overline{0}$	0			ground	0	0	0	읫						= +		
Lit	ter, duff	0	0	0	0	<u>•</u>		Li	tter, duff	0	0	0					itter, duff 0 0	의	의	-	
	Rock	<u></u>	0	0	0	0			Rock	0	<u></u>	0	9	<u> </u>			Rock 🕝 🔾	9	의	의	
	Water	bmerged agetation O O O O					Water	(0	0	0	<u> </u>			Water (i)	0	의	9			
V	bbmerged				١	ubmerged /egetation		0	0	0	<u> </u>			Vegetation	0	0	<u> </u>				
Stress	Submerged O O O O O Sor Presence/Absence - Confirm Sidential and Urban Stressors			rm that	a filled data	bubble i	ndica	tes p	resen	ce and	d an i	unfilled	bubble indi	cates absence by filli	ng thi:	s bub	ble.	6			
Resi	ssor Presence/Absence - Confirm esidential and Urban Stressors					Hydrolo	gy S	Stres	sors					Agricultural & Ru	ral S	tres	sors				
Fili bubbie	ssor Presence/Absence - Confirm		Flag	Flii bubbi	e If pres	ent -	Piot	1	2	3	Flag	Fili bubble	if present - Plot	1	2	3	Flag				
Road - gra	avel		Auth	0	0	0		Ditches, C	hanneliz	ation	SIF	0	0	0		Pasture/Ha	ч	0	0	0	
Road - two	o lane			0	0	0		Dike/Dam		₹ Bed	71	0	0	0		Range		0	0	0	
Road - fou	ur lane	in.		0	0	0		Water Lev		ol Stru	ucture	0	0	0		Row Crops		0	0	0	
Parking Lo	ot/Paven	nent		0	0	0		Excavation	n, Dredgi	ng		0	0	0	,	Fallow Fiel	d (RECENT-RESTING	0	0	0	
Golf Coun	se		nd in	0	0	0		Fill/Spoil E	Banks			0	0	0			d (OLD - GRASS,	0	0	0	
Lawn/Pari	k			0	0	0		Freshly D		Sedir	nent	0	0	0		Nursery		0	0	0	
Suburban	Resider	ntial	74	0	0	0		Soil Loss/		osur	9	0	0	0		Dairy	New Julie L	0	0	0	
Urban/Mu	Itifamily			0	0	O		Wall/Ripra	ар			0	0	0		Orchard		0	0	0	
Landfill				0	0	0		Inlets, Ou	tlets	No.		0	0	0		Confined A	Animal Feeding	0	0	0	
Dumping				0	0	0		Point Sou		WATE	R)	0	0	0		Rural Resi	dential	0	0	0	
Trash				0	0	0		(SHEETFLO)	s surface			0	0	0		Gravel Plt		0	0	0	
Other:			-	0	0	0		Other:				0	0	0		Irrigation		0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:		0	0	0	
Indu	strial D	evel	opm				8	4.3					Habit	at/V	egeta	tion Stres	sors	ii ii			
Fiii bubble	e if pres	ent -	Plot	1	2	3	Fiag	Fill bubble	if prese	ent -	Piot	1	2	3	Flag	Fill bubt	ole if present - Plot	1	2	3	Flag
Oil Drilling	9			0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide (Jse	0	0	0	
Gas Wells	s	119	1	0	0	0		Forest Sele	ective Cu	t		0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (surf	face)	No. of		0	0	0		Tree Planta	ation	11 18	49	0	0	0		Trails		0	0	0	
Mine (und	derground	d)		0	0	0		Tree Cano	py Herbiv	ory		0	0	0		Soil Compa		0	0	0	
Military				0	0	0		Shrub Laye	er Browse	ed		0	0	0			nicle damage	0	0	0	
			Tic-	0	0	0		(WILD OR DO Highly Gra	zed Gras	ses		0	0	0		Soil erosion	n (FROM WIND, WATER,	0	0	0	
Other:			-	_	1			Recently B	urned Fo	rest		-	0	0		OR OVERUSE Other:	1	0	0	0	
Other:	0.000		-	0	0	0		Canopy Recently B			nd	0								0	-
Other:		5		0	0	0		(BLACKENED)			0	0	0	laned t	Other:		0	0		
	lag codes Buffer Sa					Exp	lain ali	iuspect meas flags in com	ment secti	on on	the b	= mis	this fo	s ass	ignea b	y each field o	242	8168	3304	1	

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Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0	_	Johnson Grass	0	0	0	ria
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	-
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	-	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0		의	-
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:		00		_
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0		의	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0		
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