		_ 01	
		1	Comment required if item answer is NO
	de of Park Boundaries:	Y (N	If yes, write details in Comments section below
Field journals comple		Y N	
Site sketch made on 1	1	N	
Check cover page	X-axis Bearing of plot recorded	N	20 20 00 000 0 00
	GPS coords. Recorded	N K	VI CONTRACTOR OF THE CONTRACTO
	North direction recorded	N	
	Photographs taken?	Y N	
	Relocated Pins Mapped	(Y) N	
lot No., Date agreen	nent on all pages?	(Y) N	
leader data complete	ed all pages?	(V) N	
Cover classes recorde	ed in all Intensive modules	(Y)N	
Browse Level By Spe	cies	YN	
Woody stem quality o	control check	AV N	Check every line and cross check with the Tree Cover Sheet
nvasive plant quality	control check	Y	9
Ash trees mapped		YN	N/A
Completed Forest Pes	t/Pathogen Datasheet	(Y) N	
Cover by Strata? (con	firm cover type)	(Y) N	=
	with matching plot #.	YN	NIA
Cross check 2010 info		(AY) N	Highlight any changes from 2010 information
	datasheet with initials and number	YN	None
ouchers labeled on		YN	None
Pink flags removed		GY N	10000
Data sheet QA before	leaving site?	CY N	
Common equipment		Y)N	
Data sheets scanned?			Enter date to left
inal data sheets scan		1	Enter date to left
Buffer Widths measu		YN	Enter tiale to reli
	rou?		
Web Soil Survey	In.c:	Y N	1,500
Voucher Location	Refrigerator	Y N	
# vouchers collected)	Press (#)		Enter number to left
MONE	Drier	YN	3202 1002
MONE	Identified	Y N	
1100	Mounted	Y N	
	Thrown away	Y N	
	tion: Is plot sampleable?		
Yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non		(fill in category below)
	□ Point falls in a water (i.e. river.		
1	Managed mowed area (i.e. gol	f course, picnic area,	ight-of-way)
	Paved area (i.e. parkinglot, road) Unsafe to sample (i.e. steep slop	w)	
	Other Other	~)	
dditional Commen			
	THE P. L.		

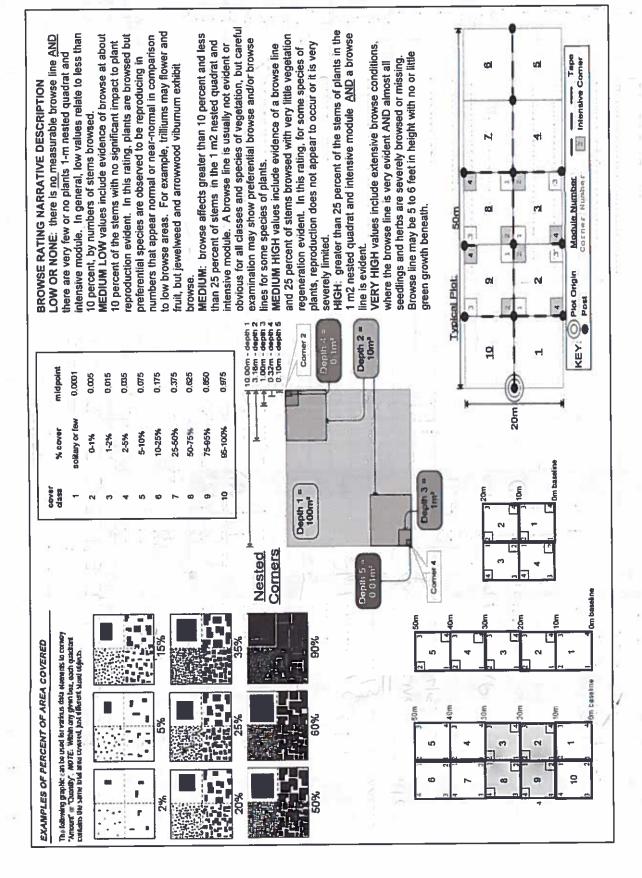
. .

SALINITY* o Saltwater Brackish c Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)

Most notable aspect of plot Is the encroachment by realby howeconners. Fine pits, large lawn debns piles, trash of all sorts throughout the plot. Fence live is approx. 30 m from baseline. as a result of continuous brawse pressure, Encroachment Photos: C3-

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet Total modules: Project Label: Project name: 0341C30/S Plot no.: Intensive modules: 4 Plot configuration: Plot area (ha): v 05

তেন	- 2	4				بعو	r U				پ		ر دو			9>	ಖ	U	Ŋ	<u>2</u>	S H (F)(A)	Strata - Cov. entire plot	Metroparks	4	3
	Chercus st.	6 Fagus grandifilia	Chambles francis			· .	5 1	. I	-	24	115	6 Prunis spoting	Ostavalajaigas	Carex so.1	Winus 300	Leers in U	^	Alliacia petiolata	9 Smilax rotundifolia	Moss so.	(A) Br Species	plot	escribe amount of browse per species over	Br = Browse Level. Use cover classes to	
									٠				of the same							e :	c Voucher#	%unveg. ground (bare soil) %unveg. litter (bare litter)	%unvegetated open water	intensive module:	Estimate for each
								1			ムココ	4.14	- C	ر اد	95	<u> </u>	322	32	رو	4l al a	depth cov depth c	- 1 - 1 - 1	- C	Dov depth	24 a
				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			7				2)		2 2 2			23	んり		222	=	cov depth cov i depth	1 06	<u>0</u> 0	depth cov depth	とよいと
<u> </u>	W)	111			21	- 1							となって	2)				22:	20:	- 2	cov depth car depth		- O	cov dep	コキャ
2 93	X	+ 2 4											<u>د</u>				22	なな	3 4 2		cov depth	دری	-	cov dept	2 5
		ນ				0															depth cav depth			cov depth cov depth	в У



SRE_CM PCAP TREE Species Cover Data sheet.xls last revised 6/10/2015 jim

% COVER Strata - Cov. entire plot T Br	Species Acer rubrum Avercus rubra	0	Prensence of tree species (X) Voucher #	× × × ×	XX X Mod
	Promus serotina		- 15	X	ζ X b
	phynics cerasus			XX	X
	Cocya ovata			×	×
	Fraxinus sp.			×	
	Vites aesthradis	7		X	
-	tagus grandsfalsa				X
	Ustrya utrajiniana				×
				10.00	
		_			
		1			
		t			
		#			
		+			

	0.:																					
	Plot no.:	« <u>R</u>																				
Shee		рош																				
Data		B		_				1	=													
over	=	Pol					<u>.</u>															
Ge C	إ	DE C			\Box	- 10		 Ů	1		 _		- 1		1	_	-	\dashv	_	 =		\dashv
ant Program Tr	Project name:	Prensence of tree mod species (X)	Voucher #			- 1								-			:					
SSMO	'n		ပ				i I			-												
CLEVELAND METROPARKS Plant Community Assessment Program Tree Cover Data Sheet	PCAP		Species				,		15													
EVELAND METROPA	Project Label:	% COVER	T Br																			

o

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet & Ostrya virginiana Smiles rotundifolio Prunus Sentina Standing dead Amiliax rotunditua Explain subsample (additional room on back) Standing dead Standing dead Acer rubrum Hamameus Virginiana arya ovata Vitis aestivalis Heer rubrum Acer rubrum raqus grandifolia Acer Youbrum Prumususeration Quercus rubra Ostria Virginiana Frunks Cerasus Jarya glarata Ostrya virginiani Wereus rubra Smilax roturdibilia Project Label: 西区 H 0-1.4m STREETS or super % sub Project Name: 02 VIC 2015 shrub size class (cm) woody stems > 1.4m 1-<2.5 2.5-<5 Plot No.: | 388 . 5410 10 - <15 15 - <20 ۰ 20 - <25 Page: 25 - <30 30 - <35 O Cleveland Metroparks 35 - <40

5

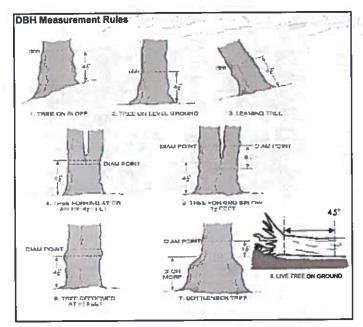
>40 (record each tree)

Standing dual

53,0







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.



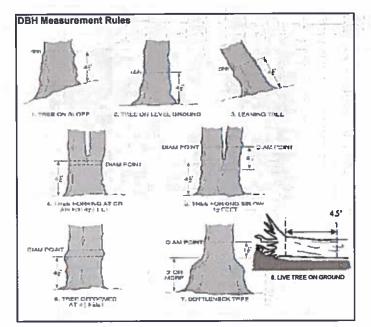
C

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.

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet 5/ Prunus serotina Cachya ovata Fagus grandificial Explain subsample (additional room on back) Standing dead Smilox roturnifolia traxinus pennsulvanica Acer relorum Smilax rotunditoua Krunus vitis aestivulis Ostrya virginiana Ostrya virginiana scroti m Project Label: voucher# K 四四四 0-1.4m # stems or super % sub Project Name: 02WC2D 15 shrub size class (cm) woody stems >1.4m 2 1-<2.5 2.5-<5 Plot No.: 1388 5~10 10 - <15 15 - <20 20 - <25 Page: 25 - <30 30 - <35 35 - <40 5 >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.
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- 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

С

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.

4aCM PCAP Ash_Tree Data Sheet Page 1_ver 2.xls fast revised 5/29/2012 ceh

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)

CLEVELAND METROPARKS Emerald Ash Borer - Fraxinus Sheet Project Label: PCAP Project Name: 02WC 2015 PIOT NO.: 1388 DAIS B 31 July 2015

Page: 1 of 2

ì																-		lw		TVG		_	e _i	1	Module
3	24	23	22	21	20	19	16	17	16	5	14	13	12	=	5	80	œ	7	ග	C)	4	ω	2	-	10. 10.
23.0				T																		Name of the last		Noa	
						- Ew				į												F		ash	Species
	_																		1002						Dead
							30							П											n
																	N N			E					Voucher#
			2011				ì	-		7										-		=		Ī	(cm)
			81	1																		-		W	DBH (
																									DBH condition condition
												ī										=			-
																									holes pre
		-								T													271		Sent.
													44)												holes

*** Change intensive module numbers when necessary

•

60

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

2

6

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



Tier 1: Early detection	Rapid response		Pre	sence		GPS	
		NE	SE	sw	NW		Presence
Microstegium vimineum	Japanese stiltgrass						X: yes
Ranunculus ficaria	Lesser Celandine				91.0		
	Black Swallow-wort						7
	Flowering Rush						
Heracleum mantegazzianum	Giant Hogweed				1		
Tier 2: Assess a			# of	Plants		comments	
		NE	SE	SW	NW		# of Plants
Acer platanoides	Norway Maple				1.	II was	1: 1-10
Ailanthus altissima	Tree of Heaven						2: 11-50.
Lonicera japonica (vine)	Japanese Honeysuckle						3: 51-100
	Purple Loosestrife	1		 			4: 101-1,00
The state of the s	Bishop's Goutweed	1					5: >1,000
Celastrus orbiculatus (vine)	Asian Bittersweet	+	1				
Torilis sp.	Hedgeparsley						
Conium maculatum	Poison Hemlock		1	\vdash			
Rhamnus cathartica	Common Buckthorn (shrub	1					
Berberis thunbergii	Japanese Barberry (shrub	_		\top		=	٦,
Alnus glutinosa	European Alder	1	\top	T		· · ·	┑
Dipsacus laciniatus	Cut-leaf Teasel	+	1				\dashv
Elaeagnus umbellata	Autumn Olive (shrub	1	+	†			
Lonicera maackii	Amur Honeysuckle (shrub		-	1			_
Euonymus fortunei	Wintercreeper	'\	+			 	
Tier 3: Presence i	The same of the sa		# of	Plants		comments	
THE D. Frederica I	of the last	NE	TSE	Sw	NW		# of Plants
Convallaria majalis (G-cover)	Lily of the Valley						1: 1-10
Coronilla varia (G-cover)							2: 11-50.
Eleutherococcus pentaphyllus	Five-leaf Aralia (shrub	1	1				3: 51-100
	Japanese Pachysandra	+					4: 101-1,00
Philadelphus coronarius	Mock Orange (shrub	3	\top	1			5: >1,000
	Lungwort	+	1	\top			
Rubus phoenicolasius	Wineberry						
Iris pseudacorus (wetland)		+				 .	
Ornithogalum umbellatum	Star of Bethlehem		_	-			-
Viburnum opulus var. opulus	European Cranberry (shrub		1	1			
Viburnum plicatum	Doublefile Viburnum (shrub						
Tier 4: Widespread			Pre	sence		comments	
		NE	SE	sw	NW	- Anna	# of Plants
Alliaria petiolata	Garlic Mustard		3	1	1		1: 1-10
Ligustrum vulgare	Common Privet (shrub	1	1	1	 		2: 11-50.
L. morrowii, L. tatarica	Bush Honeysuckles (shrub	_	1		 		3: 51-100
Phalaris arundinacea	Reed Canarygrass		1				4: 101-1,00
Phragmites australis (wetland)	Phragmites		1	1	 	<u>.</u>	5: >1,000
Polygonum cuspidatum	Japanese Knotweed		+		 		
Frangula alnus	Glossy Buckthorn (shrub)	1	1	1	11		- I
Rosa multiflora	Multiflora Rose (shrub)		- '	+ \	 		
Typha angustifolia, T. x.glauca	Cattails (wetland)	1	+		+ +		
Cirsium arvense	Canada thistle	+	+		+ +		⊣ i
Dipsacus fullonum	Common Teasel		+	+-	+ +	<u> </u>	
	Dame's Rocket	+	+	+	+	<u> </u>	-
Hesperis matronalis		-		+		·	-
Vinca minor (G-cover)	Periwinkle						

Note: For Ground-cover plants record "stem #" but in comment field describe # of colonies and patch size (5,M, L)

4bCM PCAP Invasive species datasheet.xls last revised 6/11/2012 ceh

Natural Resoures

CLEW		mod #	-1	N	ω	4	C)	o o	7	8	9	10	
CLEVELAND METROPARKS Plant Community Assessment Program Forest Pest and Pathogens Data Sheet Project Label: PCAP Project Name: 02WC20\5 Plot No.:		species	None										
Communit Pt		voucher#											
nity Assessmer PCAP	#	shrub clumps							1 1				
nt Program Projec	size class (cm) woody stems >1m	사 -											
Forest t Name:	m) woody	² 1-<2.5											
Pest an	stems >1	3 2.5≺5											
ogram Forest Pest and Patho Project Name: 02/WC20\5	3	4 5~10											
gens D		5 10 - <15									-		
ata She		6 15 - <20											
Plot No.: 1388		7 20 - <25											
Q		e 25 - <30											
Page: 1		9 30 - <35											
Clavel		10 35 - <40								7			
Cierreland Metroperks		5 6 7 8 9 10 11 10 - <15 15 - <20 20 - <25 25 - <30 30 - <35 35 - <40 >40 (record each tree)											
+			S/200				5		24				

* IF EVIDENCE OF PEST OR PATHOGEN RECORD TOTAL SPECIES POPULATION IN THE PLOT EVEN THE NOT INFECTED

Strata	infected (H,M, or	(H,M, or L)	* Write None Present if no evidence:	
Tree (size class 3 or above)			None Beech (Fungus)	Asian Longhorned Beetle
Shrub (size class 2 or below including shrub clumps)	8		Hemlock (HWA)	Other Pest or Pathogen

Walnut (Thousand Canker)

Severity
High = more than 50% of leaf/needle cover exhibiting symptoms
Medium = Less than 50% of leaf/needle cover exhibiting symptoms
Low = Only a few leaves or branches are exhibiting symptoms

00

Clavel and Mediapa Page: 1 of 1

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

			Module #
			C7
		H	Corner
1			Corner Corner

LASSIFICATION		
TI = excellent g Fit and Confidence		
Infrarecommercials class (WETLANDS ONLY):		
DEPRESSION	1	Conf.
IMPOUNDMENT o Beaver o Human	7	Conf-
RIVERINE o Headwater o Mainstein o Channel	File	Conf=
SLOPE (ground water by drology or on a physical slop)	Ē	Conf.
FRINGING o Reservoir o Natural Lake	3	Conf.
COASTAL (specify subclass)	# 	Conf=
BOG (strongly, moderately, weekly ombrotrophic)	Fit*	Conf=
this EPA VIBI Plant Community Class (WETLANDS ONLY):	CLIND	
FOREST a swamp forest a bog forest a forest seep	F I	Conf-
SHRUB o shrub swamp o tail sh. bog o tail sh. fen	Ŧ	Conf

		_
which for microhabitat features. Selections or select two and everage the score.NOTE: If mod tals on a stope automatically gets ranked based on steepness (1-3) to begin + any features present	IICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only	

Slope 2 = falls on slope -20*

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

feature is absent or functionally absent from the wedland

Slope 1 = slight elevational grade across module (hill)

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

Z	4%	26	X	Media.					
1)	J	/	сегрег					
0	00	þ	0	(count)	mixi	depth 3		tussocks	no of
0	0	0	0	(count)	3.16x3.16m	depth 2	uplands (Tip-Ups)	hummocks	na. of
_	_		0	(count)	19x10m	depth I		depressions	no, macro.
16	80	١٩	6	(count)	10x10m	depth I		(2-12 cm)	pras
4	٠	1000	0	(count)	10x10m	depth 1		(12-40cm)	cw.d
0	0	σ	0	(count)	104100	depth 1		×40 cm	cwd
-			_	(rank)	10x10m	depth 1		interspers.	microhub.
2	2	7	2	(rank)	10110m	SLOPE			microhah.

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

OL &	1 1	3	2	Module	contraction of the contraction of the second
0	O	0	i	2	CA coop 6
0	0	0	N	s	frample need
0	0	N	2	m	
0	0	0	N	*	

McNAB INDICES (degrees) + for up - for down

THLLED OUT USING OIS PROGRAM - DO NOT FILL OUT IN FIELD]

+315 degrees	+270 degrees	+225 degrees	+ 80 degrees	+135 degrees	+ 5/0 degrees	+45 degrees	Al aspect	
WW	W	SW	s	SE	ca .	NH.	z	
								LFI*
								TSI**
	away.	cyc of person	recorders eye to	TSI measure	angles formed by local slopes. For	horizon. TSI is	LFI is angle of	

** Terrain Shape Index (site interotopographic shape) .andform Index (position within landscape)

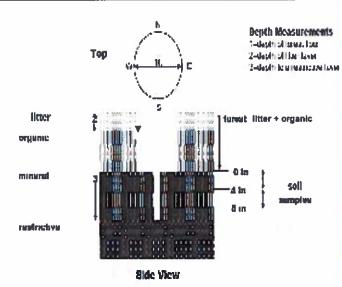
COVER BY STRATA

COVER DI SIRAIA	
STRATUM	GENERAL FORM
Tree (generally >5 m)	Tree (overstory), very tall shrubs*, liana, epiphyte)
Shrub (generally 0,5 to 5 m)	Tree (sapting), 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.</p>



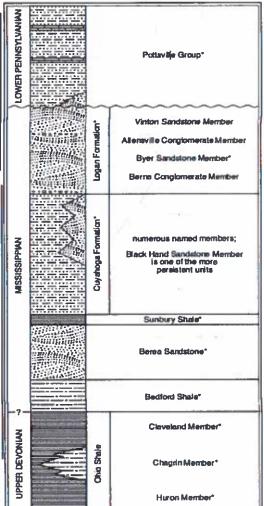


FIGURE 3-20.—Generalized section of Upper Devenian, Mississippian, and Lower Pennsylvanian formations in northeastern Ohio. Asteriaks inslicate units that are feasible toward the street. The section represents about 400 meters of rock exposed across the area. The section is not to earle, but the chicknesses indicated are proportional. The section wavesty is used in the older literature to refer to Mississippian rocks in Ohio. Some geologists use the European norm "Carbomiferous," 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 sandamae that is furify widespread but discontinuous. See Hyde (1953), Hoover (1960), and Collins (1979) for more information on Mississippian rocks in Ohio. See figure 3-18 for explanation of rock types.

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CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a Project tabel: PCAP Project Name: 02 WC 2017

(E) Citcretand Metroparks

Page: 1 of 1

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

Sall pit module # (one per entire piol)

						20 cm			77				5 cm
hydro. cond ***	redox features**	texture*	oxid roots	%mortle	mottle color	matrix color	hydr. cond ***	redox features**	lexiure*	axid roots	%monie	mottle color	matrix color
1 5	4		4			l	- s	~		~		l	
M	z		z				N	z	L	2			ľ

refer to texture classes on reverse tide

*** Circle one:
I-indurdated S-salurated M-moist D-dry
Notes: include evidence of earthworms (worms, ** e.g. hydrogen suifide odor, gleying, etc.

3-coistings, no worms 2-castings

5 - Castings, no worms

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

TRAIL INFORMATION:

ecord type and cover for each

%Cover

All Purpose

2,3,8,9 composited	>
Web Sell Servey Informations	
Soil Series/Type:	
Soil Series Source: Ohio Soil Survey	
Landform type:	
Depth to rest. Layer.	
Parent Moterial	
DRAINAGE*	
Excessively dr. Somewhat excessively	xcessively
o Well drained o Moderately well dr.	well dr.
O impermeable surface	

SOIL DEPTH 0.1 cm in cent record as >30	SOIL DEPTH MEASUREMENT: Measure to the nearest 0.1 cm in center of intensive modules. If >30.5 cm, record as >30	REMENT: I	Measure to tules. If >3	the nearest 0.5 cm,
fpout	l litter+ organic depth	2 litter depth (cm)	water depth	depth sat soil (cm)
2	2.9	2.9		
CO	나	11		
4	2.2	22		
S	1.1	1-1		
	-			

Gravel

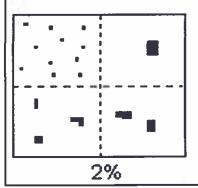
booking unsanctioned

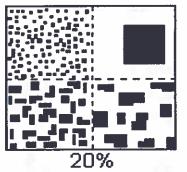
COVER BY STRATA	OVER BY STRATA itimate using midpoints of 5,ex:3, 8, 13	% ax:3, 8, 13
Strata	Height Range (m)	Total Cover (%)
Tree	S	8896
Shrub	5 5	13%
Herb	5:0	3%
(Floating)*		
(Aquatic)*		
rooted and for submersed,	* rooled and floating or slightly emersed ** submersed, most plant mass below surface	ed v surface
SEE BACK OF	SEE BACK OF PAGE FOR TYPICAL STRATA	L'STRATA

O 1-3 x piot size	3-10 x plot size	a 10-100 x plot size	a > 100 x plot size	a >600 x plot size	STAND SIZE	
	V/U/N			111		J



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



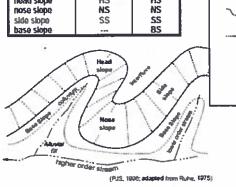


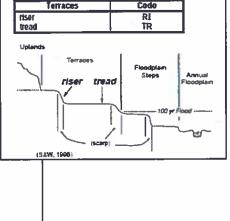
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but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

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

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

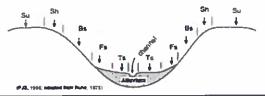
Hells Code
PDP NASIS
Interfluve IF IF
head slope HS HS
nose slope NS NS
slde slope SS SS





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

Position	Code
Summit	SU
shoulder	SH
backslope	BS
footslope	FS
toeslope	TS



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

UPLAND: Not a wetland, Very rarely flooded.

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

PERMANENTLY/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.

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•					RM B-1:	BUFF	ER	SAI	MPL	E P	LO	Marile .	500			wed by (100		•
Site ID: _/389	6	VC	Βf	0		100							E 0.7						<u>S</u>	
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Buffer Canopy Type:) (A	bser	it (Buffer	Canop	у Тур	e: (0	0) A	bsen	it: O	Buffer	Сапору	у Тур	e: 💿	•	Al	bsen	t O
Plot 1 Leaf Type:		0		Flag	Plot 2	Lea	f Тур	e: () (5	21-21	Flag	Plot 3	Lea	f Type	s: (E)	$\overline{\odot}$			Flag
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Road - four lane	0	0	0		Water Leve		l Stru	cture	-	0	0		Row Crops			-	öl	0	0	-
Parking Lot/Pavement	O	0	0		Excavation	Allegan Land	Mary Sales		0	0	0		Fallow Field	d (RECENT-	RESTI		ö	0	0	
Golf Course	ō	0	ō		Fill/Spoil Ba	Aller States And		200	0	0	0		Fallow Field	d (OLD - GR	ASS,		0	0	0	
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Urban/Multifamily	0	0	0		Wall/Riprap				0	0	0		Orchard				o	0	0	
Landfill	0	0	0		Inlets, Outle	ets		NA.	0	0	O		Confined A	nimal Fee	ding	1000	o	ō	O	
Dumping	0	0	0		Point Source		VATER		0	0	0		Rural Resid	iential			Ō	0	0	
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Gas Wells	0	0	0		Forest Selec	March 1994			0	0	0		Mowing/Shr			Charles and	o	ō	0	·
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Mine (underground)	0	0	0		Tree Canopy		гу	1100	0	0	0		Soil Compa			August Lab	8	0	0	
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FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back)
Revlewed by (initial):

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		da.	12		1		FO	RM B-1:	BUFF	ER	SAI	NPL	ΕP	LO.	TS (F	ront)	Talkip	Revie	wed by	(Initial):		•
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7									Buffer											1 7			
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C. Designation	dential								Hydrolo			100					Agricultu		100000				
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Road - two		-		0	0	0		Dike/Dam/	Road/RR		- 1	0	0	0		Range	y			0	0	0	
Road - fou				0	0	0		Water Lev	Company of the last of the las	l Stru	cture	0	0	0		Row Crops				0	0	0	
Parking Lo		ent		0	0	0	1	Excavation		-01		0	0	0		Fallow Field	d (RECENT-I	RESTI	NG	0	0	0	
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Suburban	Residen	tial		0	0	0		Soil Loss/F		sure		0	0	0		Dairy	Tai 118	Ole Tan		0	0	ō	-
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Landfill				0	0	0		Inlets, Out	ets	HILL		0	0	0		Confined A	nimal Fee	ding		O	0	O	
Dumping	- v	161110		0	0	0		Point Sour		VATER		0	0	0		Rural Resid	lential			ō	0	ō	
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Other:				0	0	0		Other:				0	0	0		Irrigation	4			0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:				0	0	0	
Indus	strial Do	evelo	pme	ent S	tres	SOL	3		Harry.	- 15	TRA	1	labit	at/V	egeta	tion Stress	OLS	10000					
Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if preser	nt- P	lot	1	2	3	Flag	Fiii bubbi	e if prese	int - I	Plot	1	2	3	Flag
Oil Drilling	البينا			0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shr	ub Cutting			0	0	0	
Mine (surfa	ace)			0	0	0		Tree Plantai	ion	- 11		0	0	0		Trails	HE			0	0	0	
Mine (unde	erground)		0	0	0		Tree Canop	y Herbivo	ry	0000	0	0	0		Soil Compa	ction		IDE	0	0	0	
Military				0	0	0		Shrub Layer (WILD OR DOM		1		0	0	0		Offroad veh	Pull sand	ge		o	0	0	
Other:	No.	, , ,	7500	0	0	O		Highly Graz	ed Grass	es		0	0	0		Soil erosion	(FROM WIN	100	TER,	0	0	0	
Other:				0	0	0		Recently Bu		est		0	0	0		OR OVERUSE) Other:				o	o	0	
Other:				0	0	0		Canopy Recently Bu	med Gra	sslan	4	0	0	0	\vdash	Other:	**********			0	0	0	
	ng codes:	K = N	o mea			-		(BLACKENED) uspect measu	rement.	F1,F2	etc.	The same	Shape of the			each field cr	BW.						100
	uffer San		-	L. Philips		Expl	ain all fi	ags in comm	ent sectio	n on t	ne ba	ck of t	his fo	m			Maring		2428	168	04ع		

FO	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TE) ALI	EN SPECIES (Back) Reviewed by	/ (Initla	l):		
Site ID:	13	86	5 h	KB	PN	DAT	E: _	0.7	7_1_	31170.15				
Confirm	a fille	ed da	ıta bı	ubble i	ndicates presence and an unf	illed	bubb	le ind	dicates	absence by filling in this bub	bie	10-5		
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	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	and the same of th
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0	1	Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	Š
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	0	
Poison Hemlock	0	0	0		Chealgrass	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	
	B		m	102.3	PLOT COOR	DINA	TES	3	B, Ti		(di			327
Location of coordinat O AA CENTER O N		choo O S		one): O E3	O W3 Nearest pra	ctica	ble k	ocati	on (fla	g and comment below)		Γ	fi:	±9
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Latitude	Nort	h	1./		38.026.				Vest	081.7019	. 3			
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Flag Comments								riin,						
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	_							_		Charles Chin				
	STE							100	10		11.19			
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Eurasian Watermilfoll	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	!
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	ļ.
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	
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Fill in bubbles for all that apply: C Strata Section: Fill in appropriate	cover	class	pupple	for eac	is, E = Evergn h strata type f	en. Leat i or each plo	ype: i ot. 0 =	Abser	oadlea it; 1 =	f; N = Spars	Needle e(<109	e Leaf. A 4): 2=Mo	Absent: No tre oderate(10-40	e canopy. %); 3 = Hea	avy (40	-75%);	; 4 = \	/ery F	leavy	(>75
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Woody Shrubs, Saplings (<0.5m HIGH)	0	Ō	Ō		Woody Shrub		ŏ	ŏ	ŏ	ŏ	ŏ		Woody Shri	ubs, Saplings <0.5m HIGH)	1	ŏ	ŏ	$\frac{1}{2}$	ŏ	
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Road - gravel Road - two lane	0	0			Ditches, C	William BROWN and Brown			0	0			Pasture/Ha	ay		_	0	0	0	
Road - four lane	0	0	0		(IMPEDE FLO	W)		oti i-a	0	0			Range			-	0	0	0	_
Parking Lot/Pavement	0	0	0		Excavation		1000	Clare	0	0	0	-	Row Crops Fallow Fiel	-	RESTI	IG	0	0	0	_
Golf Course	0	0	0		Fill/Spoil B		y		0	0	0		Fallow Field	D)		-	0	0	0	_
Lawn/Park	0	0	0		Freshly De	posited S	edin	ent	0	0	0		SHRUBS, TRE Nursery	ES)	mino	+	0		0	
Suburban Residential	0	0	0	1	Soil Loss/F		sure	State !	0	0	0		Dairy		-	+	0	0		
Urban/Multifamily	0	0	ŏ		Wall/Ripra			-	0	0	0		Orchard	2		-	0	0	0	_
Landfill	0	0	ö		Inlets, Out		100		0	0	0		Confined A	nimal Fee	dina	+	0	0	0	¥
Dumping	ō	0	ð		Point Sour	ce/Pipe			0	0	0		Rural Resid		unig	+	0	0	0	
Trash	0	O	ō		Impervious (SHEETFLOW	surface	input		0	0	ō		Gravel Pit				0	0	0	
Other:	o	0	ō		Other:			-	o	0	o		Irrigation				0	0	0	
Other:	ō	0	o		Other:				ō	0	ō		Other:				ŏ	ŏ	O	
Industrial Developme	ent S	-								10000	CONTRACTOR OF THE PARTY OF THE	ecetaf	ion Stress	ions						-
Fill bubble if present - Plot	1	2			Fill bubble	if proces	4 D	llet	1	2	3	Flag	to the total of the last	No.	- 1 7	Na.	a T	. 1		
Oil Drilling	0	0	0		SQUARE CONT.	logs III	IL - I	IOL		100	1000000			le if prese	ent - P		1	2	100	Flag
Gas Wells	1000000	10000	100		Forest Clea				0	0	0		Herbicide U			_	0	0	0	
Mine (surface)	0	0	0		Forest Selec			12	0	0	0	1	Mowing/Shr	ub Cutting			9	0	0	
	0	0	0		Tree Plantal Tree Canop		ITV	- 37	0	0	0		Trails Soil Compa	ction			이	0	0	
Mine (underground)	0	0	9		(INSECT) Shrub Layer	- Control of the Cont	Held		0	0	0		(ANIMAL OR H			-	이	0	0	
Military	0	0	의	1	WILD OR DOM	ESTIC)			0	0	0		Offroad veh	Challenger Charles Assessed			0	0	0	
Other.	0	0	0	(Highly Graz	#GH)			0	0	0		Soil erosion OR OVERUSE)		U, WAT	EFC.	0	0	0	
Other:	0	0	0		Recently Bu Canopy		MIS.		0	0	0	¢	Other:				0	0	0	
Other	0	0	0		Recently Bu	med Gra	sslan	d	0	0	0	į,	Other:				o	0	0	

• F	ORM	B-1	1: E	sUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC	ALI	EN SPECIES (Back) Reviewed by	/ (initia	l):		
Site ID	13	38	8 (NCE	Bes	DAT	E:).] /_	3.1.1.20.15		ey?		
@ Confi	m a fill	ed da	ita bi	ubble i	ndicates presence and an unf	illed	bubbl	le inc	licates	absence by filling in this bub	ble			
Fill bubble if present - Pl	ot 1	2	3	Flag	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 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	0	
Poison Hemlock	0	0	0		Chealgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	Î
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	
	PI I	IIII		-77.1					4	Other:	0	0	0	
Kaling) Indian			No.		PLOT COOR	DINA	TES	3	10,11					
Location of coordin	nates (d	choo O S		ne): O E3	O W3					g and comment below)			F	ag (
Latitud	le Norl	h L	1.]	ن ل	38.0.1.7. Use Decimal Deg				Vest	0.8.1.7.0.1.8	4.4			
Flag Comme	ste.					- 33/15								
The state of the s			_	11	2 .1 12 1					PS pt taken a	+ /		0	
1 All 3	Plot	ی	7	11	in residential		4V	1	. 6	or pri talcori	4 4	eu	X	100
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	75-									V.25		_		15.
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						(0.85								-
					X		172							
											-		Star	
						100								
Buffer Samp	le Point	s - Ta	rgete	ed Alier	n Species 05/27/2011					79	6662	2354	18	

	Lecy -		m	JE.	28	KU-	FO	RM B-1:	BUFF	ER	SAI	NPL	ΕP	LO	TS (F	ront)	Tank	Reviews	ed by (initia	i):		•
Site	ID:	13	88	We	B	P	hl								DAT	E: 07	13	1	20	1	5	
Locat	ion:								Fill	in b	ubb	le(s) if p	lot(s) co	uld not be				\rightarrow	É	
OAA	Center	C	N	0	S	0	E 6	PW .	24408	lot			Plot			Plot 3			T. Walter			-
D4870						1			Buffer						_					_	_	
Fill in bubbl Strata Sect	les for all ti ion: Fill In	hat app approp	ply: Ca priate d	nopy	Type:	pappl D = 0	Deciduou e for eac	is; E = Evergri th strata type f	en, Leaf T or each plo	ype: E t. 0 =	i = Bro Absen	padlea it; 1 =	f; N = Spars	Need e(<10	le Leaf %); 2=M	Absent: No tre loderate(10-40	e canopy %); 3 = Hea	avy (40-	75%); 4 =	Very H	leavy	(>75%
Buffer	Canop	у Тур	e: 🕝	() A	bsen	t: O	Buffer	Canop	у Тур	e: 🕝) () AI	bsen	t: O	Buffer	Canopy	у Туре	: D () A	bsen	t: C
Plot 1	Lea	f Typ	e: 🕒) (Flag	Plot 2	Lea	f Typ	e: 🕒) (Flag	Plot 3	Lea	f Type:	0 0		. 16	Flag
Big Trees (>0.3m DBH)	0	0	0	0	<u> </u>		Big Trees (-0.3m DBH)	0	0	2	<u>0</u>	0		Big Trees	(>0.3m DBH		0 0	0	0	
Small Trees (<0.3m DBH	0	0	0	0	0		Small Trees (<0.3m DBH	0	0	2	0	0		Small Trees	(<0.3m DBH		00	0	O	
Woody Shrub (0.5π	s, Saplings n-5m HIGH)		0	0	0	0		Woody Shrub (0.5n	s, Saplings +5m HIGH)	0	0	(3)	0	0			ubs, Saplings 5m-5m HIGH)		00	0	0	moñ
Woody Shrub (<	s, Saplings 0.5m HIGH)	0	0	0	0	0		Woody Shrub (<0	s, Saplings).5m HIGH)	0	0	0	0	0			bs, Saplings <0.5m HIGH)	0	00	0	0	
Herbs, I	Forbs and Grasses	0	0	0	0	O		Herbs,	Forbs and Grasses	0	0	0	0	0		Herbs	, Forbs and Grasses		00	0	Ō	
Bare	ground	0	0	0	0	O	100	Bare	ground	0	0	0	0	0	1	Ba	re ground	1 = 1	ŌŌ	0	Ō	
Li	tter, duff	0	0	0	0	O		Li	lter, duff	0	0	0	Ō	0		, II	itter, duff	+=+	<u>ōlō</u>	Ō	Ō	
	Rock	0	0	①	0	0			Rock	0	0	0	0	0			Rock	0	00	Ō	Ō	
	Water	0	Ō	0	0	Ō			Water	0	Ö	0	Ö	Ō		91 1	Water	lāl	00	Ö	ŏ	
	ubmerged /egetation	0	Ō	0	0	Ō			bmerged	0	ŏ	~	_	ŏ			Submerged	<u></u>	00	0	$\overline{0}$	
					드	_	rm that	a filled data	egetation bubble is	_			_		unfilled	l I bubble indi	Vegetation cates abs			_		(B)
	idential	M. C. C. C. C.	Autorit	W 10 (10 ft)	D 7		· ·		Hydrolo	0004				Mil III	ms -	40 17	Agricult			1000		
Fill bubble	e if prese	ent - i	lot	1	2	3	Flag	Fill bubble				1	2	3	Flag		PL REPUBLICA			2	3	Flag
Road - gr	avel			0	0	0		Ditches, C				0	0	o		Pasture/Ha			0	0	0	Li lait
Road - tw	o lane	Tito		o	0	0	*	Dike/Dam/	Road/RR	A. Shake S.		0	0	ō		Range			0	0	0	
Road - for	ur lane			o	o	0		Water Lev	of the second	Stru	cture	O	0	o		Row Crops			o	0	0	
Parking L	ot/Paven	ent		0	0	0		Excavation	, Dredgir	ng .		0	0	o		Fallow Fiel	d (RECENT-	RESTING		o	0	
Golf Cour	se			0	0	O		Fill/Spoil B	anks			O	0	ō		Fallow Fiel SHRUBS, TRE	d (OLD - GR	ASS,	o	o	o	,
Lawn/Parl	k		NET	0	0	0	_	Freshly De		edim	ent	0	0	0		Nursery	E-5)		0	0	ō	
Suburban	Residen	tial		0	0	0		Soil Loss/F		sure	901	0	0	0		Dairy	-		0	0	0	
Urban/Mu	ltifamily	T a		0	0	0		Wall/Ripra	P			0	0	0		Orchard			0	O	0	
Landfill				0	0	0		Inlets, Out	ets			0	0	0		Confined A	nimal Fee	eding	0	0	0	
Dumping				0	0	0		Point Sour (EFFLUENT C	R STORM	VATER		0	0	O		Rural Resid	dential		0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW		input		0	0	0		Gravel Pit			0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation			0	0	0	
Other:		J=14.		0	0	0		Other:				0	0	0		Other:			0	0	0	
Indu	strial De	evelo	pme	ent S	itres	son						ŀ	labit	at/V	egetal	tion Stress	ors					
Fill bubble	e if prese	ent - F	Plot	1	2	3	Flag	Fiil bubble	if preser	ıt- P	lot	1	2	3	Flag	Fill bubb	le if prese	ent - Pi	ot 1	2	3	Flag
Oil Drilling			10 300	0	0	0		Forest Clea	Cut	Ty.		0	0	0		Herbicide U	se		0	0	0	
Gas Wells			1113	0	0	0		Forest Selec	ctive Cut		1	0	0	0		Mowing/Shi	ub Cutting	9	0	0	0	
Mine (surf	ace)			0	0	0		Tree Plantai	ion	Tit		0	0	0		Trails			0	0	0	
Mine (und	erground)		0	0	0		Tree Canop	y Herbivo	ry		0	0	0		Soil Compa	ction		0	0	0	
Military				0	0	0		Shrub Layer		i	1	0	0	0		Offroad veh	(No. of the last o	oe	0	0	0	
Other:				0	0	0		(WILD OR DOM Highly Graz	ed Grass	es		0	o	0		Soil erosion	(FROM WIN			0	0	
Other:				0	0	0		(OVERALL <> 1 Recently Bu		est	+	0	0	0	\vdash	OR OVERUSE Other:				0	0	
Other:	range and the second second second			0	0	0		Canopy Recently Bu	med Gra	sslan	d	0	0	0	\vdash	Other:						
	aci codes.	K = N	o mer	-				(BLACKENED) uspect measu	rement	F1 F2	etc :		1000	Property.	$\overline{}$	DOMESTICAL STREET		-	_ 0	0	0	100
	uffer Sam					Expl	ain all fi	ags in comm	ent sectio	n on t	he bac	k of t	his fo	(III)	.g	, amon natu G	may an	2	42816	3304		

FO	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC	ALI	EN SPECIES (Back) Reviewed by	/ (initlal):		
Site ID:	13	38	४।	NCK	3PW	DAT	E:	57		3.1.1.20.15				
9 Confirm	a fille	ed da	ta bı	ubble ii	ndicates presence and an unf	illed I	oubbl	e ind	licates	absence by filling in this bubl	ble			
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	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0	111	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	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	
						T		-		Other:	0	0	0	
			CV.		PLOT COOR	DINA	TES	5						
flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N	the conte	coordier of F choos	inate Plot 3 se o	s were as pos one): O E3	taken and why in the comment ssible or at the center of the las	section t acce	on bel ssible ble lo	ow T Buff ocatio	he coo fer Plot. on (flag	ill in the "nearest practicable loc rdinates of the nearest practical and comment below)	ole loc	Eation	Fla	be
Flag Comments				1111		-								
1 Plots 1	+5	3	C	ould	not be samp	المعرا	-	£	ell	of property				
1005										1				
										75 - 60 -				
				- 42.2				- 0						
	9				19-19-19-19-19-19-19-19-19-19-19-19-19-1				6.00					30 .
		8818	90		118VA - 3 02					72				
														30
	W. 1770													
Buffer Sample F	Points	; - Tai	rgete	ed Alien	Species 05/27/2011			W.		790	6662	354	8	•