CLEVELAND METI	ROPARKS Plant Community Assess	ment Pro	gram:	Quality Control Form
Project Label:	PCAP	P	ot No:	1217 Date Sampled: 6/12/12 Lead: 19. 15,04
	**			
				Comment required if item answer is NO
Parking/Access outside	e of Park Boundaries:		N)	If yes, write details in Comments section below
Field journals complet	ed	P	N	
Site sketch made on 1:	3000 map?	6	N	
Check cover page	X-axis Bearing of plot recorded	€	N	
,	GPS coords. Recorded	(B)	N	
	North direction recorded	(D)	N	
	Photographs taken?	(D)	N	
Plot No., Date agreeme	ent on all pages?	Q .	N	
Header data completed	l all pages?	(()	N	
Cover classes recorded	in all Intensive modules	(1)	N	40.00
Browse Level By Spec	ries	(9)	N	
Woody stem quality co	ontrol check	0	N	
Invasive plant quality	control check	(Q)	N	
Ash trees mapped		(1)	N	H-Ash
Cover by Strata? (conf	irm cover type)	6	N	
Soil samples collected	with matching plot #.	Ø	N	
Vouchers labeled on da	atasheet with initials and number	(3)	N	
Vouchers labeled on co	ollection bag	(8)	N	
Pink flags removed		(Y)	N	
Data sheet QA before	leaving site?	(3)	N	
Common equipment re	eturned to tub.	Ø	N	
Data sheets scanned?		6/18	112	Enter date to left NZ
Final data sheets scann	ed?			Enter date to left
Buffer Widths measure	ed?	(2)	N	JTP 6-22-12
Web Soil Survey		(0)	N	JTP 6-8-2012
Voucher Location	Refrigerator	Y	N	
(# vouchers collected)	Press (#)			Enter number to left
	Drier	Y	N	
	Identified	Y	N	
	Mounted	Y	N	
	Thrown away	Y	N	
GRTS point verificat	ion: Is plot sampleable?			
Yes	Original GRTS point is sampleable			
□ No	Original GRTS point lands in a non-s	amnieahle	area (f	ill in category helow)
	Point falls in a water (i.e. river, la		arca (1	in in category below)
	☐ Managed mowed area (i.e. golf o		area, righ	nt-of-way)
	☐ Paved area (i.e. parkinglot, road)			
	Unsafe to sample (i.e. steep slope)	1		
	□ Other			
Additional Comment	s:			
				, a
				4

CLEVELAND METROPARKS Plant Co	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	Data Sheet Page 1 of 2 Page 1 of 2
GENERAL INFORMATION	LOCATION	
Project Label: PCAP	State: OH County Country	A Z
Project Name: 01 AMSK 12/1	angle: Base	7 (-
Plot Name: Chicken Nuggets	the auto on	2-10
Plot No.: / 2)/	Landowner: Clereland Matisast P	plot: #10 #9 #8 #7 #6
Level 4 (no nested corners sampled)	Data Confidentiality:	2 1 2 1
Level 5 (nested corners sampled)	Check one: Dublic data Private Data	
Date (mm/dd/yyyy): ♥ /) 2/ 12	□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	#1 #2 #3 #4 #5
End date (if > 1 day): / /	Reason:	1 3 4 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A
Party Role**	ot public why?	Key: (0,0) point point point with direction permanent posts
M. Brath Plot leader	□MAP ■GPS	NOTES: Include Layout (any unusual shape details), Location (directions and landscape content) Retinate (why here) and Ver Characterization (description of community
B. Ruber B+ Asst.	Coord. Units	dominants, strata, BROWSE). Additional notes in space on back.
K. Lewis Field Tech	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	コメリスと
J. Peth + Field Tech	□ Other (specify) ■ m □ ft □	Layent and mass
N. Zi mmermun Freld Tech	Datum: ■ NAD83/WGS84 □ NAD27	41
** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.	GPS location in plot $x=0$ to 5, $y=-1,0,+1$):	Leaver - Le lock Inne o
PLOT NOT SAMPLED: DOther	x = O $y = O$ (base of plot $x = 0$, $y = 0$)	Mill Stream Kun Use Chalot porking
□ Perm. water □ Paved □ Slope □ Safety	Latitude: 41,32306°	lot (see map of good slace to pask)
SAMPLING QUALITY*	Longitude WOSI. B1908°	
	CY: X	retionale : 6KIS
Very thorough how much effort put into sampling. Hurried plots	GPS File Name: (2/1)	Non Charter Totion:
Ō	Plotsize for cover data: O, (hectares)	The work of the Master with
u Hurried data	X-axis Bearing of plot: 216°	Townson and the second
TAXONOMIC ACCURACY	Depth: (1-5): +	The way with the cure
high modera. low not smpl	Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)	IMPERSPENSON. Those are also some
vascul. N/a	Camera No.: 3	Known sp + Xno Tulio from in the
bryo	Photo Nos.: 0793	Surrounding Stands.
lichen	Plot placement: CERTS - Representative	
TAXONOMIC STANDARD	□ Random □ Stratified Random □ Transect component	THE WAR TO SEE THE WAY TO COUNTY
Authority: B&C Pub Date: 1998	□ Systematic (grid) □ Capture specific feature □ Other	
Minimum required fields in Bold and Underlined	*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	VS Field Guide OVER

	to the South whose it is shoply shopes uphill.	s to the	hunge	the les	the state of	he communi	to the west u	11 111	to 4 the co	to the
	class proximity	orgo of the	of he	of the pa	strein don	short comment	sh com	nession desses	pressio	7%
	with and in a	SEN LEY	brich	The contract	K box	r to the 1	rese	ma messil	dyma	2.
	community does not change	nix d	nemu	8 the co	lest on	of the k	ME	老林	eviton to	19
	130 States	These 15	frees 7	Men Free	En the	anda	SMINAS	not for	of Court	ple
	tending dead in the	Standin	Server	also	here 13	park !	depu	wise quite	hereix	0
>	ah but 18	Sprache	and	Maples	super.	smalles -	hes:	under stery	io unde	7
			\ \ \	rity etc.)	al status, matur	Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)	eness of plot to	(Representative	Additional notes & diagrams: (R	Additional not
		105	ns)	(e.g. wind, storms)	2	□ Temporarily flooded	□ Tempo			
		irc	ded irregular	Tidal/Seiche flooded irregular		□ Occasionally flooded (<1/yr)	🗆 Occasi	5 /		Upland (n/a)
		2	ded monthly	□ Tidal/Seiche flooded monthly		(dry <1/yr, seldom flooded)	(dry <	4		o Fresh
			ded daily	Tidal/Seiche flooded daily	saturated o	□ Permanently/Semipermanent, saturated	□ Permar			o Brackish
			ded	Permanently flooded		(seldom flooded)	(seldor			□ Saltwater
			/ flooded	□ Semipermanently flooded		mintermittently/seasonally saturated	mintermi		*	SALINITY*
			oded	□ Intermittently flooded	D	Upland (seldom flooded)	Upland			
í					Œ*	HYDROLOGIC REGIME*	HYDR			
R	m	unkneum		Former Land Use:			ern mosaic	☐ Irregular/pattern mosaic	inclusions	Conspicuous inclusions
qc		BCX.	and Use:	Current Land Use:		s the plot	nal trend acros	☐ Compositional trend across the plot	S	Homogeneous
allow	h, VH=very high	, M=med, MH=	ML=med low	**L=low,					VEITY	HOMOGENEITY
769V	Drop days Colland	X.		Other		Dlund	Red maple woodline		Successional -	Hypracl
	63	108/22	2	Cut		4	tore	Maple	Labor	
	3-1-1			Fire		,	7		NAME:	COMMUNITY NAME
		-	1	Natural		e)	<u>.</u>	(((
	7	20% Jun	Jeck 7	Human		2	5	3	N	<u> </u>
	plot description	yrs ago % of plot	severity**	type*		E Conf= H	Fit=		rate form):	CODE (on separate form):
	9	107	DISTURBANCES	DISTU				E CLASS*	MODIFIED NATURESERVE CLASS*	MODIFIED N
	Plot No.: 1211 Page 2 of 2	Plot	Sheet XX	- Background Data Sheet	yram - Back Project	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet. Project Label: PCAP Project Name: 01 MSK	ommunity el:	RKS Plant Con Project Label:	D METROPA	CLEVELAN

\(\frac{\sqrt{\chi_{\chi\tinmed\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi\tinmed\chi_{\chi\tinmed\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi}\}\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi}\}\chi\tinmed\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi_{\chi}\}\chi\tinmed\chi\tinmed\chi\tinmed\chi\chi_{\chi_{\chi_{\chi_{\chi}\chi\tinmed\chi\tinmed\chi\tinmed\chi\chi\tinmed\chi\tinmed\chi\tinmed\chi\tinmed\chi\tinmed\chi\chi\tinmed\chi\tii\tinmed\chi\tinmed\chii\tinmed\chii\tinmed\chii\tinmed\chi\tinmed\chi\tinmed\chi\tii\t	Spenstern 2	<u></u>	Strata - Cov. entire plot 7 5 H (F)(A) B 2 7 5	CLEVELAND Project Label: Total modules:
Parthonolists quanticaline 10 Fagus science, folion Cantitana posc plasse multiple Cantagod 18.	Ciscae Luthana Ciscae Luthana Ciscae Luthana Ciscae Luthana Ciscae Luthana Ciscae Luthana	Propos secolings Acer secolings Arisarna Liphyllum Linealcra Densoin Corva Continents Conti	Br: desci	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Project Label: PCAP Project name: ○I M ≤ 2012 Total modules: IO Intensive modules: ☐ Plot configuration
W (11711)	X MF300)		Estimate for each intensive module: %open water %unvegetated open water %unveg. ground (bare soil) %unveg. litter (bare litter) C Voucher #	ment Program Species Cover Dat Project name:ロ(から2の)と Intensive modules: 너 Pla
		700000	mod corner mod mod corner mod	es Cover Data S CIMSZO12 H Plot co
	4-4-1-4-4-	2 N N -	cov depth cov depth cov depth cov depth cov depth cov depth	
2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		- L N W W - L	cov depth 1 1 1 1 W	Plot no.: 1211
7 2 2 7	7 7 7		mer mod corner 8 2 depth cov	Plot ar
		, e ~ n	mod comer mod co	Page 1 c
C 15			cov depth cov	of Z
Species Species				

Natural Resource Management FORM NR/2010-02a

ļ(J)

(0)

_					
	Van				
				L	
_				Rubuc marter alleghanionsis	2
			X Micxing X	Davis TA SD	
	ange.		X MFB003	Great to the Garax to bulloudes	\ <u>\</u>
			MEDUOZ I	Carcx 30, #1 Swanin	2
			C3-0803	St food or ready	OATROY!
			C3-0802	Astract Oak dicat 250 0-12	
			4-1,263-5800/0801	Totale Color of the total constant	
				without pethation	L
				Vitis Sp	2
				Alliacia petalata	2
					× ×
	1 4			Fraxious pensituanies	~1
	2 1		C3-0797	raxinos se	×
	2 -		10-4-163 5788/6799	MAPPING DIOT HE AMPLOACHIST SP. 238 F	4
			714	Violu 50 # 2	
			7.4.4.C3:07:9.7	12 to 23 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
		702		+	_
	1 2			V. bernen dentation	
depth cov	depth cov depth cov d	depth cov depth cov depth cov c	c Voucher# depth cov	Species	T S H (F) (A) Br
	1	1	%unveg. litter (bare litter) 1		Strata - Cov. entire plot
H			- -	entire plot	Metroparks
lepth cov	depth cov depth cov depth	depth cov depth cov depth cov c	intensive module: depth cov	Br = Browse Level. Use cover classes to describe amount of browse per species over	Cieveland
mod comer	mod corner mod corner mod	mod corner mod corner mod corner mod corner 2 2 3 4 3 2 8 4	mod corner		₹
_ O	Plot area (ha): 6	Plot configuration: 2×5	Intensive modules: 4/	10	Total modules:
		2 Plot no.: 1211	Project name: O\ms2612	PCAP	Project Label:
	1				



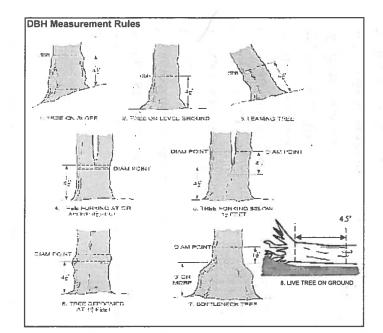


Tape

(C)

10

Project Label:		PCAP	·	Projec	Project Name: OIMS 2013	SWIC	2018		Plot No.: 12 11	11011		Page:	-	9	2	
Explain subsample (additional room on back):	on back):															:
			# stems 0-1.4m	% sub	shrub s	ize class	(cm) wood	size class (cm) woody stems >1.4m	1.4m	5	6	7	2 B	9	10	>40 (record each
Prunais	\neg															6.85
<u>ې</u>							**									
							•	••								
Acev rubrum														•		12.5, 49.
4			7													
2 Acer Saccharum							٠	•	1:							
2 Standing Dead									NO.							
2 Acer rubrum										•		•				49.8
2 Lindera benzoin			• •													
3 Acer rubrum									•							58.4,52.
											•					62.5
4 Hitze Vitis sp.			•													
4 Standing dead					,						٠					
5																
4 Lindera benzoin			•													
9		6							•							
5 crataegus sp.								•								
5 Vitis sp.																
5 Prunus serotina													•			
5 Acer rubrum											•					1.65
5 Lindera benzoin			•				,									
6 Acer rubrum																1.53



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.
- 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

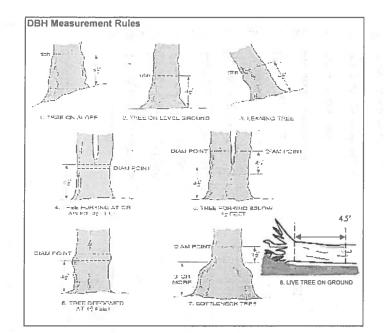
Е

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.

CLEV	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Project Label: PCAP Project Name: 01 M.S 2012. Plot No.:	l ant	<i>PCAP</i>	Assessn	nent Pro o	nt Program Natural Wood Project Name: 01 N S 2012	tural W	oody Si	tem Data	ta Sheet Plot No.: 1211	211		Page:	2	o.	Ociercia 2	Ocieveland Metroparks
127567-1	Explain subsample (additional room on back):	on ba	īck):														
mod #	species	0	oucher#	# stems 0-1.4m browsed	% sub or super	# siz	ze class (c	cm) woody	size class (cm) woody stems >1.4m	- ,	10 - <15	6	7 20 - <25	8 25 - <30	30 - <35	10	11 >40 (record each tre
	Prunus scrotina																40.4
9	8								•								
6	5							•									
0	\sim			7.7													
7	2																
1	Lindera benzoin			NA.	•••												
7	Rosa multiflora			•													
00	Lindera benzoin	Harris		×													
∞	Acer rubrum																42.7,62.0,48
œ	Fagus grandifolia																
00	Acer saccharum																
	Acer rubrum													0			46.5
٩	Lindera benzoin			ىن	24	: :											
9	Acer saccharum						•		• •						in i		40.2
ھـ	Standing dead							•									
و.		Va	nica														
ھے	م								•								
10	Lindera benzain			128	••												
6	Acer rubrum															•••	40.9, 34.8
ō	13						••		5.								
0	Fagus grandifolia																
6	comus florida						DV 192										
10	frunus scrotina																
										7							



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

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.

Page: 1 of 1

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

(one per entire piot)

Soil pit module # 3 20 cm 5 cm matrix color texture* hydro. cond.*** exture* natrix color edox features** oxid roots edox features** ydr. cond.*** xid roots mottle ottle color E/ 1 4 LO 0124/2 N/ A 0 I S M D Z/A 0 € હ \odot \odot S 3) Ø z

** e.g. hydrogen sulfide odor, gleying, etc. refer to texture classes on reverse side

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

present in There ove cashings 300 b

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

 Well drained Soil Series/Type: EuA, Euclid Silt Impermeable surface Somewhat poorly dr. Excessively dr. Depth to rest. Layer: >80" Soil Collection Module Horizon (A, B, C) Soil Series Source: Ohio Soil Survey Parent Material: Loamy slacioladustrine andform type: ,3,8,9 composited Stream terrac Somewhat excessively Moderately well dr. Very poorly dr S HOO! volbno disogab

WSS: 3TP 6/8/12

9	B	w	2	пюd#			SOIL DEPTH 0.1 cm in cent record as >30
4.0	80.	رن ره	2.4	(cm)	organic depth		SOIL DEPTH MEASUREMENT: Measure to the neares 0.1 cm in center of Intensive modules. If >30.5 cm, record as >30
1.1	0.8	1.0	0.3	depth (cm)	2 litter		JREMENT: lensive mod
0	0	0	0	(cm)	water depth		Measure to tules. If >3
730	>3 a	>30	>30	soil (cm)	depth sat		the nearest 0.5 cm,
	ani.	481	l Vcn		126	16	199

EARTH SURFACE & GROUND COVER	E & GROUP	ID COVER	
Underlying Earth Surface*	Surface*	Ground Cover	
(Sum = 100%)	percent	(Each ≤ 100%)	percent
Histosol	0	Coarse Woody Debris***	30
Mineral Soil	100	Fine Woody Debris***	5
Gravel-Cobble*	0	Litter	85
Boulder**	θ	Duff (Ferm.+ Hunus)	0
Bedrock	0	Bryophyte- Lichen	1
* Gravel-Cobble = 1/16-10"	1/16-10"	Water	0
**Boulder => 10 in	n	Bare Soil	1
*** >5 cm in diameter	eter	RoadTrail	0.
**** <5 cm in diameter	neter	Other	0
		20. Store 5.	

	21
COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	Acceptable Surrender Surre
%	ı

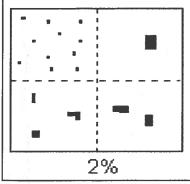
Strata	Height Range (m)	Total Cover (%)
Tree	>-5	888
Shrub	0.5-5	23%
Herb	< -05	00.7
(Floating)*	1	
(Aquatic)*	8	
* rooted and fi	rooted and floating or slightly emersed	rşed
** submersed,	** submersed, most plant mass below surface	w surface
SEE BACK OF	DESCRIPTIONS. STRATA CAN VARY BY CO	SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS, STRATA CAN VARY BY COVER TYPE

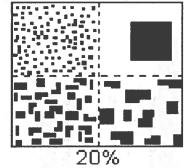
		200000				70		57200	-	
no trai	□ Deer	🗅 Gravel	Bootleg unsanctioned	Hiking sanctioned	□ Bridle	□ All Pupose	Туре	record type and cover for each	TRAIL INFORMATION:	
1							%Cover	ach		

STAND SIZE 1-3 x plot size > 100 x plot size 3-10 x plot size < plot size 10-100 x plot size >600 x plot size

PERCENT MOTTLES (USE CLASS CODES):

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

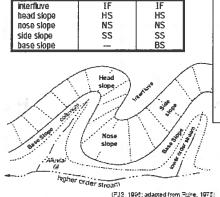
Geomorphic Component - Three-dimensional descriptors of parts of landforms or microfeatures that are best applied to areas. Unique descriptors are available for Hills, Terraces, Mountains, and Flat Plains;

Code

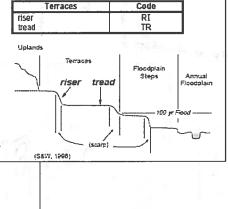
NASIS

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

Hills

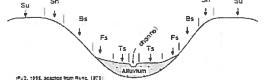


PDP



Hillslope - Profile Position (Hillslope Position in PDP) - Twodimensional descriptors of parts of line segments (i.e., skope position) along a transect that runs up and down the skope; 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 .

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

Project Label: PCAP Project Name: ** CLERCETT OLIVS 2013-PLOP SWTO

Plot No.: 1211

(C) (Discosed with all Meeting poserfices Page: 1 of 1

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

McNAB INDICES (degrees) + for up - for down

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	Corner Corner	Corner

CLASSIFICATION			
(FIT = excellent, g Fit and Confidence			l
Hydrogeomorphic class (WETLANDS ONLY):			
DEPRESSION	Fire	Conf=	
□ IMPOUNDMENT □ Beaver □ Human	1	Conf=	
DRIVERINE DHeadwater DMainstem DChannel	1	Conf=	
☐ SLOPE (ground water hydrology or on a physical slop)	F	Conf=	
□ FRINGING □ Reservoir □ Natural Lake	Fit=	Conf=	
COASTAL (specify subclass)	File	Conf=	
□ BOG (strongly, moderately, weekly ombrotrophic)	FIF	Conf-	ı
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	EX.		
□ FOREST □ swamp forest □ bog forest □ forest seep	F	Conf=	
□ EMERGENT □ marsh □ wet meadow □ open bog	File	Conf	

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen

F

Conf=

** Terrain Shape Index (site microtopographic shape)

Landform Index (position within landscape)

¥

+270 degrees +315 degrees

٤

+225 degrees +180 degrees +135 degrees +90 degrees +45 degrees At aspect

SW

eve of person standing - 10 m away

recorders eye to angle from

SE

angles formed by local slopes. For TSI measure

LFI is angle of plot to the horizon TSI is

S

Æ

z

Slope 1 = slight elevational grade across module (hill) tanks for microhabital features. Selections or select two and average the score, NOTE: If mod fals on a slope automatically gets ranked based on steepness (1-3) to begin + any features present Slope 2 = falls on slope ~20 " Slope 3 = maximum steepness that can be safely sampled ~45"

- feature is absent or functionally absent from the wetland
- feature is present in the wetland in very small amounts or if more common, of low quality
- feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality
- 10 feature is present in moderate or greater amounts and of highest quality

			9	A	W	2	mod#					
							corner					
			0	0	0	0	(count)	lxlm	depth 3		tussocks	no. of
			0	0	0	0	(count)	3.16x3.16m	depth 2	uplands (Tip-Ups)	hummocks	no, of
V			0	-	1	0	(count)	10x10m	depth 1		depressions	no, macro,
			20	10	21	43	(count)	10x10m	depth 1		(2-12 cm)	c,w d
			5	_س	-	=	(count)	10x10m	depth 1		(12-40cm)	c.w.d
		The state of the s	0	0	0	0	(count)	10x10m	depth 1		>40 cm	c.w.d
			2	ω	w	ບ	(rank)	10x10m	depth I		interspers.	microhab.
			0	O	0	0	(rank)	10x10m	SLOPE			microhab

						1
)	9	8	3	2	Module	corresonant space
H	W	7	h	5	Z	
),	ທ	9	W	Ç	s	(+ uots per griu square)
C	رو	8	Z	5	e	
J	v	8	2	3	w	L

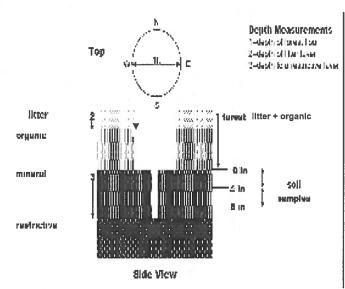
9	e q	ما	4)	9	8
w W	6	u m	VI CH	W	7
かて	9	47	04 00	υ	9
(n -	00 00	<i>5</i> -	6 =	رو	တ
~ ~	60 T	1111	-cω	w	00

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

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



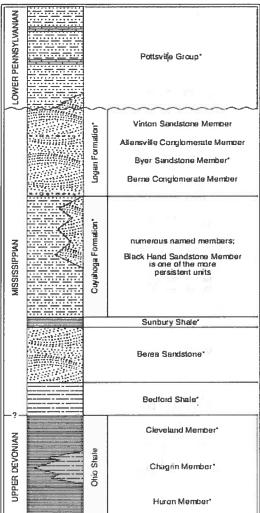


FIGURE 3-20.—Generalized section of Upper Devonian Missistipian, and Lower Pennsylvanian formations in northeastern Onco Asterisks indicate units that are fossiliferous. This composite section regressents about 400 meters of rock exposed across the area. The section is not to scale, but the chicknesses indicated are proportional. The term "Wavetty is used in the older literature to refer to Mississippian rocks in Okio. Some geologists use the European term "Carboniferous," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Formation, but most units are local and cannot be tritted over great distances. The Black Hand Member is a speciarilar massive sanistone that is fairly widespread but discontinuous. See Hyde (1933), Hoover (1960), and Collins (1979) for more information on Mississippian rocks in Ohio. See figure 3-18 for explanation of rock types.

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

25	24	23	22	21	20	19	18	17	16	15	14	13	12	1	10	9	œ	7	o	C/I	4	ω	2	<u>م</u>	Tree Module ID.
	-	۳	2	F	5	_	3	7	3			<u> </u>	.~	Ē				\vdash						7	ā
																								raxinus	
																								SNV	Species
																				7 8			-	061	Ses
																								Denas.	
												Ė												V/V9-7	Dead
																		\vdash						7	0
																								۶	Voucher#
				_		_				-		_		_						H				3.6	
		_				L				-		_								L				3	(cm) H
								_						-		_				\vdash			35	/a 1	Ht @ Ash DBH condition
							ik.			_															ition co
																								0	*Dead condition
																					nion et le		ASSESSED	0	#Exit Epic
																	TA C							0	Epicormic present
	8					_				_															_
																								0	Woodpecker holes
_		L				L		L.		hpt-d	[selin											7		9
				Ma												_		Ī					1	\ =	
				p all as														Chang					8	07	- -
				h trees				_	2					Q.	7			e inten					5	1	5.
				≥10cm				-									7	sive m		1	X		J. Sound	3	E
				in each				4.5										odule n			(7)(N,	7
				Map all ash trees ≥10cm in each module using Tree ID number								_		-	-	-		*** Change Intensive module numbers when necessary					1	33	(2)0m) St 12
				using	£													s when						10	2
				Tree II				٥	3					6	0		/III	neces						Ç	74
) numl														sary							T

CLEVELAND METRO	PARKS Plan	nt Community Assessn	nent Pro	gram	: Inva	sive S	pecies	Survey	(P) Cleve	Land Metroparks
Tier 1: Earl	detection/	Rapid response	St. State	100 mg	Pres	ence	To the		GPS	
	第四型 35%			NE	SE	SW	NW	PAGE BAR	Maria de la companya della companya	Presence
Microstegium vimineum		Japanese stiltgrass					5	10×10mpg	tch -	X: yes
Ranunculus ficaria		Lesser Celandine								OLZILMIVI
Cynanchum louiseae	(vine)	Black Swallow-wort								41.32328
Butomus umbellatus		Flowering Rush		-	1					81.820
Heracleum mantegazzianu		Giant Hogweed			†				-	1211MIV12
	2: Assess a			10000	# of	Plants		CO.	nments	41.32269,81
DE.			17 18 85	NE	SE	sw	NW		in the state of th	# of Plants
Acer platanoides		Norway Maple							14	1: 1-10
Ailanthus altissima		Tree of Heaven			 		<u> </u>		•	2: 11-50.
Lonicera japonica	(vine)	Japanese Honeysuckle			 					3: 51-100
Lythrum salicaria		Purple Loosestrife		 	-		-			4: 101-1,000
Aegopodium podagraria		Bishop's Goutweed		 	 	\vdash	-			5: >1,000
Celastrus orbiculatus		Asian Bittersweet		 	 		\vdash			5. 71,000
	(vine)			 	\vdash					\dashv
Torilis sp. Conium maculatum		Hedgeparsley Poison Hemlock		-	+					-
			(shrub)		-		-			\dashv
Rhamnus cathartica		Common Buckthorn		11	+	L	<u> </u>			—
Berberis thunbergii		Japanese Barberry	(shrub)	1	-	-	-			—
Alnus glutinosa		European Alder		-	<u> </u>	-				\dashv
Dipsacus laciniatus		Cut-leaf Teasel		 	 		-			
Elaeagnus umbellata		Autumn Olive	(shrub)	_	ļ	-				
Lonicera maackii		Amur Honeysuckle	(shrub)	<u> </u>			_			
Euonymus fortunei		Wintercreeper		-					Control of the last	
Tier 3:	Presence is	of Interest				Plants	-	CO	nments	
				NE	SE	SW	NW			# of Plants
Convallaria majalis		Lily of the Valley								1: 1-10
Coronilla varia	(/	Crown Vetch			_					2: 11-50.
Eleutherococcus pentaphy		Five-leaf Aralia	(shrub)							3: 51-100
Pachysandra terminalis	(G-cover)	Japanese Pachysandra				3				4: 101-1,000
Philadelphus coronarius		Mock Orange	(shrub)			<u> </u>				5: >1,000
Pulmonaria officinalis	(G-cover)	Lungwort								
Rubus phoenicolasius		Wineberry								
Iris pseudacorus	(wetland)	Yellow Flag Iris								
Ornithogalum umbellatum)	Star of Bethlehem								
Viburnum opulus var. opu	lus	European Cranberry	(shrub)							
Viburnum plicatum		Doublefile Viburnum	(shrub)							
Tier 4: V	Videspread :	and abundant			Pres	ence		co	mments	
			EET VA	NE	SE	SW	NW			Presence
Alliaria petiolata	-21	Garlic Mustard		5	4	4	4			X: yes
Ligustrum vulgare		Common Privet	(shrub)							
L. morrowii, L. tatarica		Bush Honeysuckles	(shrub)						- 11	
Phalaris arundinacea		Reed Canarygrass	/	5	4.		†			
Phragmites australis	(wetland)	Phragmites		Ť	1					
Polygonum cuspidatum	, /	Japanese Knotweed								
Frangula alnus			(shrub)	 	†	 	1			
Rosa multiflora			(shrub)	2	2	3	T.			
Typha angustifolia, T. x.gla	ura	Cattails (wetland)	(Jin GD)	 -	 	_	Η,			\dashv
Typna angustifolia, 1. x.gia Cirsium arvense	uca	Canada thistle		+	+	+	+	,		_
				+-	+	+	 	 		
Dipsacus fullonum		Common Teasel		-	+-	 				
Hesperis matronalis	<i>IC</i> 1	Dame's Rocket		-	+	<u> </u>				—
Vinca minor	(G-cover)	Periwinkle	. 6: 1	1 - 1	.: h	-f !			- (C NA 1)	

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

•					4.5		FOF	RM B-1:	BUFF	ER	SAI	MPL	E PI					viewed by			_ (•
Site I	ID:	PCA	AP.	MS	11	21	1									DG					2	
Location	on:		Ne.						1 1 2 2 2							ıld not be	sample	and f	lag -	→		
OAAC	Center	С	N	0	S	O E	E 0	W	TO SERVICE AND ADDRESS OF THE PARTY OF THE P	lot '			Plot	-		lot 3						
								s; E = Evergre		ype: E	= Bn	oadlea	f; N = 1	Needle	e Leaf. A	Absent: No tree oderate(10-409		(40-75%); 4 = V	ery H	eavy (>75%)
Buffer	Canop					osen	t: ()	Buffer	Canop	у Тур	e: 🕡) () At	sent	: O	Buffer	Canopy 1	ype: 🕒	=	Ab	sent	: 🙆
Plot 1	Lea	f Typ	e: 🐠				Flag	Plot 2	Lea	f Typ				_	Flag	Plot 3		ype: 🕞			4	Flag
Big Trees (>	0.3m DBH	1	0	0	(3)	0		Big Trees (>	-0.3m DBH)		(0	0	<u> </u>					0	9	9	
Small Trees (<	1	1	0	<u>(1)</u>	0	(Small Trees (1	0	0	9	<u>O</u>			(<0.3m DBH)		0	0	<u> </u>	
	-5m HIGH)	0		0	0	0			-5m HIGH)		0	0	9	0	*				0	0	<u> </u>	
	.5m HIGH) orbs and		9	0	0	0).5m HIGH)	(0	0	9	<u>O</u>		(<	0.5m HIGH)		0	0	0	
neros, r	Grasses		O	0	0	0		Herbs, i	Forbs and Grasses	0	0	0	0	0		neius,	Forbs and Grasses	<u> </u>	0	<u></u>	0	
Bare	ground	0	(3)	0	0	0		Bare	ground	0	<u></u>	0	0	0		Bar			0	0	0	
Litt	ter, duff	0	0	0	0	0		Lit	tter, duff		0	0	0	<u>O</u>		L	itter, duff		0	0	0	
	Rock	1	0	①	0	0			Rock	0	0	0	0	<u>O</u>			Rock (00	0	(9)	0	5
	Water		0	0	0	0			Water	(0	0	0	0				0	0	0	0	
	ubmerged egetation		0	②	0	0			ubmerged egetation	(0	0	0	<u> </u>			Submerged Vegetation		0	0	<u> </u>	
Stress	or Pres	senc	e/Ab	senc	e - (Confi	rm that	a filled data	bubble i	ndica	tes p	resen	ce an	d an i	unfilled	bubble indic	ates absen	ce by fil	ing thi	s bub	ble.	•
Resi	dential	and	Urba	an Si	tress	sors	iš. (1)		Hydrolo	gy S	tres	sors			mSL.		Agricultui	al & R	ıral S	tres	sors	
Fill bubble	if pres	ent - l	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if present	- Plot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C			D) III	0	0	0	3	Pasture/Ha	y		0	0	0	
Road - two	o lane		4700	0		0	1	Dike/Dam/ (IMPEDE FLO		R Bed		0	0	0		Range			0	0	0	
Road - fou	ır lane			0	0	0		Water Lev	el Contro	l Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	ot/Paven	nent		0	0	0		Excavation	n, Dredgii	ng		0	0	0		ROW CROP FIEL			0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil B				0	0	0		Fallow Field SHRUBS, TRE	d (OLD - GRAS (ES)	SS,	0	0	0	
Lawn/Park	C			0	0	0	2	Freshly De (UNVEGETAT		Sedin	nent	0	0	0		Nursery			0	0	0	
Suburban	Resider	ntial		0	0	0		Soil Loss/F		osure		0	0	0		Dairy			0	0	0	
Urban/Mul	ltifamily	Mu		0	0	0		Wall/Ripra	p			0	0	0		Orchard			0	0	0	,
Landfill				0	0	0		Inlets, Out				0	0	0			nimal Feed	ing	0	0	0	
Dumping				0	0	0	LA.	(EFFLUENT C	OR STORM			0	0	0		Rural Resid	dential		0	0	0	3
Trash				0	0	0		Impervious (SHEETFLOW		Iripui		0	0	0		Gravel Pit			0	0	0	
Other:		Jone 2 100		0	0	0		Other:				0	0	0		Imigation			0	0	0	-
Other:		1170	WI SULLOW	0	0	0	,	Other:				0	0	0		Other:		37.00	0	0	0	5.91.01
Indu	strial D	evel	opm	ent S	Stres	sor	5		70%		11		labit	tat/V	egeta	tion Stress	sors	(A)				
Fill bubble	e if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if preser	it - Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut		- 12	0	0	0		Herbicide U	se		0	•	0	
Gas Wells			M	0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	rub Cutting		0	•	0	
Mine (surf	ace)	10-		0	0	0	:	Tree Planta	tion			0	0	0		Trails			0	0	0	
Mine (und	erground	d)	iii	0	0	0		Tree Canop	y Herbiv	огу		0	0	0		Soil Compa		437	0	0	0	
Military		V,		0	0	0	-	Shrub Laye		d		0	0	0			icle damag	e	0	0	0	*
Other:			i de la	0	0	0		Highly Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WIND		0	0	0	
Other:				0	0	0		Recently Bu		rest		0	0	0		OR OVERUSE Other:			0	0	0	- 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	7		=	930	0	0		Canopy Recently Bu	ımed Gr	asslaı	nd	0	0	0		Other:			0	0	0	
Other:	ag codes	: K = I	No me	O			. U = S	(BLACKENED)	urement	F1.F	2. etc				laned h	y each field c	rew.					
	uffer Sa				/27/2	Exp		lags in comm									10 P 11 P	242	8168	304	L	

Site ID:						77.54	ijλ		· V	1,2,1,2,0,1,2			201	W-7- 1
© Confirm	a fille	ed da	ta bu	bble inc	dicates presence and an	nfilled	bubb	le inc	licates	absence by filling in this bub	ole			
Fill bubble if present - Plot	1	2	3	Flag F	Fill bubble if present - Pl	ot 1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0	F	Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0	ŀ	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	F	Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0	C	Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0	C	Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0	F	Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0	C	Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0	L	Leafy Spurge	0	0	0		Other:	0	0	0	
	4					100				Other:	0	0	0	
					PLOT COC	RDIN	ATES	3	A.S.II.					
location of the plot coordinate If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where	cesse ffer Ti the c	filling ed, tal ranse coordi er of F	ke thects a	e approp e coordin and the c s were ta as poss	priate bubble. nates at the nearest practic coordinates will indicate the aken and why in the common	able loc location	ation and of the	ALON tran	IG THE sect. Fi he coo	or the Buffer Plot at the AA CEN TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical	becau	se al	l Buff le, fil	fer Il in the be
location of the plot coordinate If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N	cesses fer Ti the c cente	filling ed, tal ranse coordi er of F	in the ke the cts a nate: Plot 3	e coording the cost were taged as possible.	priate bubble. nates at the nearest practic coordinates will indicate the aken and why in the commo- sible or at the center of the	able location nt sections ast accordinate according to the control of the control	ation and of the on below the same of the	ALONe tran ow. To Buff ocatio	IG THE sect. Fi he coo er Plot. on (flag	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical	becau ation" ble loc	se al	l Buff le, fil can	fer Il in the be
location of the plot coordinate If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N	cesses fer Ti the c cente	filling ed, tal ranse coordi er of F	in the ke the cts a nate: Plot 3	e coording the cost were taged as possible.	priate bubble. In the search practice coordinates will indicate the aken and why in the communible or at the center of the O W3 O Nearest 2 3 1 3	able location nt sections ast accordinate according to the control of the control	ation and of the on below the same of the	ALONe tran ow. To Buff ocatio	IG THE sect. Fi he coo er Plot. on (flag	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical grand comment below)	becau ation" ble loc	se al	l Buff le, fil can	fer Il in the be
location of the plot coordinate If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments	cesses by cesses ffer Ti the content of the content	filling ed, tal ranse coordinate of F	in the ke the cts a nate: anate: Plot 3	e coording the coording the coording the coording the coording the coording the coordinate the c	priate bubble. In the search practic coordinates will indicate the aken and why in the communities or at the center of the O W3 O Nearest Use Decimal D	able location ocation nt section ast accordical practical Lo	ation and the on below the state of the one	ALON transcription to the street of the stre	IG THE sect. Fi the coo er Plot. on (flag	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical grand comment below)	becau ation" ble loc	se al	l Buff le, fil can	fer Il in the be
location of the plot coordinate If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments	cesses by cesses ffer Ti the content of the content	filling ed, tal ranse coordinate of F	in the ke the cts a nate: anate: Plot 3	e coording the coording the coording the coording the coording the coording the coordinate the c	priate bubble. In the search practice coordinates will indicate the aken and why in the communible or at the center of the O W3 O Nearest 2 3 1 3	able location ocation nt section ast accordical practical Lo	ation and the on below the state of the one	ALON transcription to the street of the stre	IG THE sect. Fi the coo er Plot. on (flag	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical grand comment below)	becau ation" ble loc	se al	l Buff le, fil can	fer Il in the be
location of the plot coordinate If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments	cesses by cesses ffer Ti the center to center	filling ed, tal ranses oordi er of F	in the ke the cts a nate: Plot 3	e approprie e coordinate de co	priate bubble. In the search practic coordinates will indicate the aken and why in the communities or at the center of the O W3 O Nearest Use Decimal D	able location of the section of the	ation of the or	ALON e tran ow. T e Buffl ocatio	IG THE sect. Fi the coo er Plot. on (flag	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical grand comment below)	becau ation" ble loc	se al	l Buff le, fil can	fer Il in the be
Is Buffer Plot 3 can not be ac Plots are centered on the Buflag box, and describe where either placed as close to the Location of coordinate O AA CENTER O Note Latitude Flag Comments 1 Crossed O Location of Coordinate Comments 1 Crossed O Location O	cesses by cesses fifer Ti the c center center to center the content to content the content to center the cente	filling ed, tal ranse coordi er of F	ke the cts a nates of the cts as nates of the cts as nates of the cts as	e coordinate e coo	priate bubble. Inates at the nearest practic coordinates will indicate the aken and why in the communishe or at the center of the O W3 O Nearest Use Decimal D	able location of section of secti	ation of the on bell o	ALON a transow. T a Buffl ocation ocat	on (flag	From road	becau ation" ble loc	se al	l Buff le, fil can	fer Il in the be
location of the plot coordinate If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments 1 Crossed O 1 Crossed O	cesses by cesses fifter Tit the cocenter to th	filling dd, tal	in the ke the cts a nate: nate: of the cts a nate: of the cts a nate: of the cts and the c	e coording of the coordinate	priate bubble. Inates at the nearest practic coordinates will indicate the sken and why in the commodible or at the center of the O W3 O Nearest Use Decimal D To reach place of the center of the	able location of section ast accordical contractical cont	ation of the on bell of the on bell of the on bell of the on bell of the one	ALON ALON ALON ALON ALON ALON ALON ALON	on (flag	From road	becau ation" ble loc	se al	l Buff le, fil can	fer Il in the be
If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments 1 Crossed Q Plot fac 3 Crossed d Plot fac	cesses by cesses fifer Ti the c center center center some content of the content	filling ed, tall ranse coordinate of F	in the keeth cots a nates and cots a nates and cots a nates and cots and co	e approprie e coordinate de co	priate bubble. Inates at the nearest practic coordinates will indicate the aken and why in the communishe or at the center of the O W3 O Nearest Use Decimal D to reach plate area nextended plate area nextended plate plate and volley bal	able location of the section of the	ation of the of	ALON e transow. T e Buffl de V	Form	From road	becau ation" le loc	se al bubb ation	I Buffile, fil	fer Il in the be
If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments 1 Crossed Q Plot fac 3 Crossed d Plot fac	cesses by cesses fifer Ti the c center center center some content of the content	filling ed, tall ranse coordinate of F	in the keeth cots a nates and cots a nates and cots a nates and cots and co	e approprie e coordinate de co	priate bubble. Inates at the nearest practic coordinates will indicate the aken and why in the communishe or at the center of the O W3 O Nearest Use Decimal D to reach plate area nextended plate area nextended plate plate and volley bal	able location of the section of the	ation of the of	ALON e transow. T e Buffl de V	Form	From road	becau ation" le loc	se al bubb ation	I Buffile, fil	fer Il in the be
If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments 1 Crossed Q Plot fac 3 Crossed d Plot fac	cesses by cesses fifer Ti the c center center center some content of the content	filling ed, tall ranse coordinate of F	in the keeth cots a nates and cots a nates and cots a nates and cots and co	e approprie e coordinate de co	priate bubble. Inates at the nearest practic coordinates will indicate the aken and why in the communishe or at the center of the O W3 O Nearest Use Decimal D to reach plate area nextended plate area nextended plate plate and volley bal	able location of the section of the	ation of the of	ALON e transow. T e Buffl de V	Form	From road	becau ation" le loc	se al bubb ation	I Buffile, fil	fer Il in the be
If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments 1 Crossed Q Plot fac 3 Crossed d Plot fac	cesses by cesses fifer Ti the c center center center some content of the content	filling ed, tall ranse coordinate of F	in the keeth cots a nates and cots a nates and cots a nates and cots and co	e approprie e coordinate de co	priate bubble. Inates at the nearest practic coordinates will indicate the aken and why in the communishe or at the center of the O W3 O Nearest Use Decimal D to reach plate area nextended plate area nextended plate plate and volley bal	able location of the section of the	ation of the of	ALON e transow. T e Buffl de V	Form	From road	becau ation" le loc	se al bubb ation	I Buffile, fil	fer Il in the be
If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments 1 Crossed Q Plot fac 3 Crossed d Plot fac	cesses by cesses fifer Ti the c center center center some content of the content	filling ed, tall ranse coordinate of F	in the keeth cots a nates and cots a nates and cots a nates and cots and co	e approprie e coordinate de co	priate bubble. Inates at the nearest practic coordinates will indicate the aken and why in the communishe or at the center of the O W3 O Nearest Use Decimal D to reach plate area nextended plate area nextended plate plate and volley bal	able location of the section of the	ation of the of	ALON e transow. T e Buffl de V	Form	From road	becau ation" le loc	se al bubb ation	I Buffile, fil	fer Il in the be
If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments 1 Crossed Q Plot fac 3 Crossed d Plot fac	cesses by cesses fifer Ti the c center center center some content of the content	filling ed, tall ranse coordinate of F	in the keeth cots a nates and cots a nates and cots a nates and cots and co	e approprie e coordinate de co	priate bubble. Inates at the nearest practic coordinates will indicate the aken and why in the communishe or at the center of the O W3 O Nearest Use Decimal D to reach plate area nextended plate area nextended plate plate and volley bal	able location of the section of the	ation of the of	ALON e transow. T e Buffl de V	Form	From road	becau ation" le loc	se al bubb ation	I Buffile, fil	fer Il in the be
If Buffer Plot 3 can not be ac Plots are centered on the Bu flag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude Flag Comments 1 Crossed Q Plot fac 3 Crossed d Plot fac	cesses by cesses fifer Ti the c center center center some content of the content	filling ed, tall ranse coordinate of F	in the keeth cots a nates and cots a nates and cots a nates and cots and co	e approprie e coordinate de co	priate bubble. Inates at the nearest practic coordinates will indicate the aken and why in the communishe or at the center of the O W3 O Nearest Use Decimal D to reach plate area nextended plate area nextended plate plate and volley bal	able location of the section of the	ation of the of	ALON e transow. T e Buffl de V	Form	From road	becau ation" le loc	se al bubb ation	I Buffile, fil	fer Il in the be

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

																1							
			Ob		3.5	U s	FO	RM B-1:	BUFF	ER	SAI	VIPL	ΕP	LOT	rs (F	ront)	100	Review	ved by	(initial)	:		
Site	ID: P	CAT	M	< 1	11	1									DATE	:06	112	1	2	0	1	1	
Locati		Crt		3 1		-		1200 120 1	Fill	in b	ubb	le(s) if p	lot(s	s) cou	uld not be	sample	d a	nd f	ag -	→		
O AA	Center	C	N	0	s	01	E O	W	OP				Plot			Plot 3							
									Buffer														
																Absent: No tree oderate(10-40%		vy (40	-75%)	4 = V	'ery H	eavy (>75%)
Buffer	Canopy	у Тур	e: (() AI	bsen	t: O	Buffer	Canopy	у Тур	e: () () At	seni	t: ()	Buffer	Canopy	Тур	e: (D)	(E)	Ab	sent	: 0
Plot 1	Lea	f Typ	e: () (5		Flag	Plot 2	Lea	f Typ	e: 🕞) (5		Flag	Plot 3	Leaf		$\stackrel{\smile}{-}$	<u> </u>	,		Flag
Big Trees (>	-0.3m DBH)	0	0	2		0		Big Trees (>	0.3m DBH)	0	0	0	0	<u> </u>		Big Trees (>0.3m DBH)	0	0	0	0	0	
Small Trees (<0.3m DBH)	0	0		0	0		Small Trees (<	:0.3m DBH)	0	0	0	3	0		Small Trees	(<0.3m DBH)	0	0	0	<u> </u>	0	
Woody Shrubs (0.5m	s, Saplings -5m HIGH)	0		0	3	0		Woody Shrubs (0.5m-	s, Saplings 5m HIGH)	0	0	0	0	0		Woody Shru (0.5)	bs, Saplings m-5m HIGH)	0	0	0	0	0	
Woody Shrubs				0	0	0		Woody Shrubs		0	0	0	0	0		Woody Shrul		0	0	0	0	0	
	orbs and Grasses	0	•	0	0	0			orbs and Grasses	0	0	0	0	0		<u> </u>	Forbs and Grasses	0	0	0	0	0	
Bare	ground		0	(2)	0	0		Bare	ground	0	0	0	0	0	1	Ban	e ground	0	0	0	0	0	
Lit	ter, duff	0	0	2	0			Lit	ter, duff	0	0	0	0	0		Li	itter, duff	0	0	0	0	0	
	Rock		0	(2)	3	0			Rock	0	0	<u>0</u>	0	0			Rock	0	0	0	<u>0</u>	0	
	Water		Ō	0	0	0			Water	0	0	0	0	$\frac{\check{\odot}}{\odot}$			Water	0	Ō	0	<u>0</u>	Ō	
	ubmerged egetation		0.	(2)	(1)	0			bmerged egetation	0	0	0	<u>0</u>	$\overline{\odot}$			Submerged Vegetation	0	Ō	0	<u>0</u>	0	
		sence	e/Ab	send	_	Confi	rm that			_	_	esen	ce an	d an	unfilled	bubble indic					_	ble.	•
Resi	dential	and	Urb	an S	tress	ors	N. A.	S. Maria	lydrolo	gy S	tres	sors					Agricultu	ıral	& Ru	ral S	tres	sors	
Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble				1	2	3	Flag	Fill bubble	if presen	t - P	iot	1	2	3	Flag
Road - gra	avel		Ma	0	0	0		Ditches, Ch	nanneliza	ation		0	0	0		Pasture/Ha	у			0	0	0	
Road - two	o lane		HH	0	0	0		Dike/Dam/I		Bed		0	0	0		Range				0	0	0	
Road - fou	ır lane			0	0	0		Water Leve		l Stru	cture	0	0	0		Row Crops				0	0	0	
Parking Lo	ot/Pavem	nent		0	0	0		Excavation	, Dredgir	ng	74	0	0	0		Fallow Field		RESTI	NG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil Ba				0	0	0		Fallow Field SHRUBS, TRE	(OLD - GRA	ASS,		0	0	0	
Lawn/Parl	(W	0	0	0	81 1	Freshly De (UNVEGETATI		Sedin	nent	0	0	0	*	Nursery			4.50	0	0	0	
Suburban	Residen	tial		0	0	0	, , ,	Soil Loss/R	Root Expo	osure	1 10	0	0	0		Dairy				0	0	0	
Urban/Mul	Itifamily		MA	0	0	0		Wall/Riprag)			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Outl				0	0	0		Confined A		ding		0	0	0	
Dumping		33	(a)	0	0	0		(EFFLUENT O	R STORMV			0	0	0		Rural Resid	lential			0	0	0	
Trash				0	0	0		(SHEETFLOW		IIIput		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	5 10 10 10 10	Other:		7		0	0	0	
Indu	strial D	evel	opm	ent S	Stres	sor	5						Habit	at/V	egeta	tion Stress	ors						
Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubbl	le if prese	nt - I	Plot	1	2	3	Flag
Oil Drilling		20	VZ.	0	0	0		Forest Clear	Cut			0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Selec	ctive Cut			0	0	0		Mowing/Shr	ub Cutting			0	0	0	
Mine (surf	ace)			0	0	0		Tree Plantat	mooving an arrange			0	0	0		Trails				0	0	0	
Mine (und	erground	1)		0	0	0		Tree Canopy (INSECT)	100000000000000000000000000000000000000			0	0	0		Soil Compa (ANIMAL OR HI				0	0	0	
Military		TOPI		0	0	0		Shrub Layer (WILD OR DOM	ESTIC)			•	0	0		Offroad veh			17	0	0	0	
Other:				0	0	0		Highly Graze (OVERALL <3" I	HIGH)			0	0	0		Soil erosion OR OVERUSE)		D, WA	TER,	0	0	0	
Other:			1 4	0	0	0		Recently Bu Canopy	med For	est		0	0	0		Other:				0	0	0	
Other:				0	0	0		Recently Bu (BLACKENED)	med Gra	sslar	nd	0	0	0		Other:				0	0	0	
Fi	ag codes:	K=1	No me	asure	ment	made	a, U = S		rement.,	F1,F2	etc.	= mls	c. flag	s ass	igned b	y each field cr	ew.		2428	3168	3304	17	

Buffer Sample Plots 05/27/2011

Site ID:	PC	AP	M	51	211	DAT	E: () (61	1212012				
							030	i de al	N. III	absence by filling in this bubl	ole	115	AAA	25
Fill bubble if present - Plo		2	3		Fill bubble if present - Plot	1	2	3	Flag		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	0.74a
Yellow Floating Heart	0	0	0	ļ	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	S-00 W
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	
		US.		MILE	PLOT COORI	DINA	TES		STIES			i		
If Buffer Plot 3 can not be a Plots are centered on the B lag box, and describe when	ccesse offer T	ranse coordi	cts a	and the s were t	coordinates will indicate the loc taken and why in the comment	ation sectio	of the	tran ow. T	sect. F	TRANSECT. This is important lill in the "nearest practicable locardinates of the nearest practicable.	ation"	bubb	le, fill	in the
Plots are centered on the Br flag box, and describe when either placed as close to the	ccesse uffer T the c	ranse coordi er of F	ects a nate Plot 3	and the s were to as pos	coordinates will indicate the loc	ation sectio	of the	tran ow. T	sect. F	ill in the "nearest practicable locardinates of the nearest practical	ation"	bubb	le, fill	in the
If Buffer Plot 3 can not be a Plots are centered on the B flag box, and describe when	ccesse uffer T the c cente	ranse coordi er of F	ects a nate: Plot 3	and the s were to as pos	coordinates will indicate the loc taken and why in the comment sible or at the center of the last	ation section acce	of the n bek ssible	tran ow. T Buff	sect. Fi The coo fer Plot	ill in the "nearest practicable locardinates of the nearest practical	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be as Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER O N	ccesse uffer T e the c cente tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce	of the	tran ow. T Buff	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be as Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER O 1	ccesse uffer T e the c cente tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the loc taken and why in the comment sible or at the center of the last	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fi The coo fer Plot	ill in the "nearest practicable loca rdinates of the nearest practicab	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be an Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be as Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER O 1	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be an Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be an Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be an Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be an Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be an Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be an Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acce ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be an Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acces ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be as Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acces ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be as Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acces ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be as Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment sible or at the center of the last O W3 O Nearest pra	ation section acces ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be as Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment stible or at the center of the last O W3 O Nearest pra Use Decimal Degree	ation section acces ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the
If Buffer Plot 3 can not be as Plots are centered on the Biflag box, and describe when either placed as close to the Location of coordina AA CENTER Latitude	ccesse uffer T the the c center tes (c	ranse coordi er of F hoos	ects a inate: Plot 3 se o	nd the s were to as posene): O E3	coordinates will indicate the locate and why in the comment stible or at the center of the last O W3 O Nearest pra Use Decimal Degree	ation section acces ctical	of the	e tran ow. T e Buff ocatio	sect. Fine coofer Plot	ill in the "nearest practicable locardinates of the nearest practicable locardinates o	ation"	bubb	le, fill can l	in the

•			(1)		od	2	FOI	RM B-1: BUF	FER	SAI	VIPL	E P	LOT	rs (F	ront)	THE	Reviev	ved by	(initial)):	(•
Site	ID:	PC	AP	MS	17	211								DATE	0 6	1	/	2	Ο,	12		
Locati		7-01		í.	1		A STATE OF	Fil	ll in b	ubb	le(s) if p	lot(s		ıld not be	sample	ed a	nd f	ag -	→		
OAA	Center	C	N	0	S	O	Ξ Ο		Plot			Plot			Plot 3		181	No.	M			
Fill in bubble	es for all ti	hat ap	niv. Ca	anopy	Tvoe:	D = [)eciduou	Buffe i is; E = Evergreen. Leaf							Absent: No tree	е сапору.						
								h strata type for each p									vy (40	-75%)	; 4 = V	ery H	eavy (>75%)
Buffer	Canop		_) () AI	bsen	t: O		ру Тур	ре: () At	sent	: ()	Buffer	Canopy	Тур	e: 🌀	1	AL	sent	: O
Plot 1	Lea	f Typ		(),		Flag	Plot 2 Le	af Typ	e: ((4			Flag	Plot 3	Leaf	Туре	e: 🗶	0			Flag
Big Trees (>	-0.3m DBH)	0	0	0				Big Trees (>0.3m DBI	1) ①	0	0		0		Big Trees	(>0.3m DBH)	@	0	0	0	0	
Small Trees (1	0	0	0	0		Small Trees (<0.3m DB	1~	0		0	0		Small Trees		\sim	0		0	0	
	-5m HIGH)				0	0		Woody Shrubs, Sapling (0.5m-5m HIGH	0	(0	0	0		(0.5	ibs, Saplings im-5m HIGH)		0	0	0	0	•
	.5m HIGH)	0	0	0	0	0		Woody Shrubs, Sapling (<0.5m HIGH			0	0	<u>O</u>			<0.5m HIGH)		0	0	0	0	
Herbs, F	orbs and Grasses		0	2	0	0		Herbs, Forbs and Grasse			0	0	<u>O</u>		Herbs,	Forbs and Grasses	0	0	0	0	@	
Bare	ground		0	0	0	0		Bare ground	1 🐠	0	0	0	0		Bar	e ground			0	0	0	
Lit	ter, duff	0	0	2	0			Litter, duf	f O	0	0	0			L	itter, duff	0		0	0	0	
	Rock		0	2	0	0		Rock	((0	2	0	0			Rock		0	2	0	0	
	Water		0	0	0	0		Wate	-	0	0	0	0			Water		0	2	0	0	
	ubmerged /egetation		0	2	0	0		Submerger Vegetation		0	0	0	0			Submerged Vegetation		0	2	0	0	
Stress	or Pres	senc	e/Ab	senc	e - (Confi	rm that	a filled data bubble	indica	tes p	resen	ce an	d an	unfilled	bubble indic	cates abse	ence	by filli	ng thi	s but	ble.	•
Resi	dential	and	Urb	an S	tress	sors	N. C.	Hydrol	ogy S	tres	sors				Mes principal	Agricult	ural	& Ru	ral S	tres	sors	
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble if pres	sent -	Plot	1	2	3	Flag	Fill bubble	e if preser	nt - P	lot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, Channelia			0	0	0		Pasture/Ha	ıy			0	0	0	
Road - tw	o lane			0	0	0		Dike/Dam/Road/R (IMPEDE FLOW)	R Bed		0	0	0		Range				0	0	0	
Road - for	ır lane			0	0	0		Water Level Contr	ol Stru	icture	19	0	0		Row Crops	THE RESIDENCE OF THE PARTY OF T			0	0	0	
Parking Le		nent		0		0	1	Excavation, Dredg	jing		0	0	0		Fallow Field	D)		NG	0	0	0	
Golf Coun				0	0	0		Fill/Spoil Banks Freshly Deposited	Codin	nent	0	0	0		Fallow Field SHRUBS, TRE		Abo,	47	0	0	0	
Lawn/Parl			1000	0	0	0		(UNVEGETATED)			0	0	0		Nursery	-	AV-		0	0	0	
Suburban		itial	100	0	0	0		Soil Loss/Root Ex	posure		0	0	0		Dairy			22	0	0	0	
Urban/Mu	Itifamily			0	0	0		Wall/Riprap			0	0			Orchard	level For	-Pt-man		0	0	0	II-V
Landfill				0	0	0		Inlets, Outlets Point Source/Pipe			0	0	0		Confined A Rural Resid		eainy		0	0	0	
Dumping				0	0	0		Impervious surface	WATER		0	0	0		Gravel Pit	uci iuu.			0	0	0	
Trash Other:	Printerior and Longitudes of Street, S			0	0	0		(SHEETFLOW) Other:	A PROPERTY.	ALCOHOLD IN	0	0	0		Irrigation				0	0	0	
Other:	1944	50 00 00		0	0	0		Other:			0	0	0		Other:				0	0	0	
	strial D	evel	mao	Lieu-	-		S		7					eaeta	tion Stress	eors					<u> </u>	
Fill bubble		-		1	2	3		Fill bubble if pres	ent - [Plot	1	2	3	Flag		le if pres	ent -	Plot	1	2	3	Flag
Oil Drilling		5111.	· iot	0	0	0	i iag		BIIC- I	101	0	0	0	1 lag			CIIIC -	1100	0	0	0	1 lug
Gas Wells				0	0	0		Forest Clear Cut Forest Selective Cu	-4		0	0	0		Herbicide U Mowing/Shi	Indiana de nu			0	0	0	
Mine (surf				0	0	0			п		0	0	0			ub Outur	9		0	0	0	
Mine (und		n		100				Tree Plantation Tree Canopy Herbi	vory				0		Trails Soil Compa			-			10000	
	Bigiouni	1)		0	0	0		(INSECT) Shrub Layer Brows	ed	- 2	0	0			(ANIMAL OR H				0	0	0	
Military	N. I.			0	0	0		(WILD OR DOMESTIC) Highly Grazed Gras				0	0		Offroad veh Soil erosion	2000	-	TER,	0	0	0	
Other:		ALC: N	183	0	0	0		(OVERALL <3" HIGH) Recently Burned Fo			0	0	0		OR OVERUSE				0	0	0	-
Other:		1 1 1 1		0	0	0		Canopy Recently Burned G		nd	0	0	0		Other:			-	0	0	0	
Other:				0	0	0		(BLACKENED)			0	0	0		Other:			_	0	0	0	
● FI	ag codes:	: K = 1	No me	asure	ment			uspect measurement lags in comment sect						igned by	y each field c	rew.		242	8168	3304	1	

Buffer Sample Plots 05/27/2011



Site	ID: PCA	bW	<u> </u>	11		DAT	ک :E	2.6	_ / _	12012				
∅ c	onfirm a fill	ed da	ta bu	ıbble in	dicates presence and an unf	illed l	bubbl	le ind	licates	absence by filling in this bub	ble			
Fill bubble if present	- Plot 1	2	3	Flag F	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoi	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	
Giant Salvinia	0	0	0	ı	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	ı	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	ı	Leafy Spurge	0	0	0		Other:	0	0	0	
	4	ine.				W.	NE-			Other:	0	0	0	
			9015		PLOT COORI	DINA	TES					1		
location of the plot country If Buffer Plot 3 can no Plots are centered on flag box, and describe	be accessed the Buffer T where the center the center that the	filling ed, tak ranse coordi er of P	in the ce the cts a nates lot 3	e approper coording the coordinate coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the locaken and why in the comment sible or at the center of the last	Buffe e loca ation section acce	er Tra	ALON transow. To Buffe	G THE sect. Fi he coo er Plot.	or the Buffer Plot at the AA CEN TRANSECT. This is important in the "nearest practicable locationates of the nearest practical grand comment below)	becau	se ai	Buffe	er in the
If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER	be accessed the Buffer T where the center the center that the	filling ed, tak ranse coording of P	in the ce the cts a nates lot 3	e coording the coording the coording the coordinate	priate bubble. nates at the nearest practicable coordinates will indicate the locaken and why in the comment sible or at the center of the last O W3 O Nearest pra	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practicab	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot could be suffered by the plot of the plots are centered on flag box, and describe either placed as close could be cou	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ranse coording of P	in the ce the cts a nates lot 3	e coording the coording the coording the coordinate	priate bubble. nates at the nearest practicable coordinates will indicate the locaten and why in the comment sible or at the center of the last O W3 O Nearest pra	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the ce the cts a nates lot 3	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the locaten and why in the comment sible or at the center of the last O W3 O Nearest pra	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment sible or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the
location of the plot cool If Buffer Plot 3 can no Plots are centered on flag box, and describe either placed as close Location of cool O AA CENTER Lati Flag Comm	be access the Buffer T where the c to the cente dinates (c O N3	filling ed, tak ransee coordinate hoose S3	in the text that the text in t	e coording the coordinate the coordinat	priate bubble. nates at the nearest practicable coordinates will indicate the local sken and why in the comment stable or at the center of the last O W3 O Nearest pra Use Decimal Degree	Buffe e loca ation sectio acce ctical	er Tra	ALON transow. To Buffi ocatio	G THE sect. Fi he coo er Plot.	TRANSECT. This is important ill in the "nearest practicable locardinates of the nearest practicable and comment below)	becau ation" ale loc	se ai	Buffe le, fill can b	er in the

				-	-5		12/2/-14	1		in est	0.00		-	C T A S						2007	-
O Site I	D.						FOI	RM B-1:								•	Reviewed			- (
Site I		CAS	MS	312	11				-	H					DATE	D.6	sampled and	. 0.	ι,	2,	
Location									100								sampled and	l flag	\rightarrow		
OAAC	Center	0	N	0	S	O	≣ 0	W	OP	177	710		Plot		-0-04	lot 3					
								s; E = Evergre		ype: E	B = Bro	adlea	, N = 1	Needle	e Leaf. A	Absent: No tree oderate(10-40	e canopy. %); 3 = Heavy (40-75	5%); 4 = \	/ery H	eavy (>75%)
Buffer	Canopy	у Тур	e: @) () AI	bsen	t: O	Buffer	Canopy	, Тур	e: (([) At	sent	: O	Buffer	Canopy Type:	() Ab	sent	: O
Plot 1	Lea	f Typ	e: 🐠	(Flag	Plot 2	Lea	f Typ	e: ((Flag	Plot 3	Leaf Type:	<u> </u>		,	Flag
Big Trees (>	0.3m DBH)	0	0	2		0		Big Trees (>0.3m DBH)	0	0	0		0		Big Trees	(>0.3m DBH)	00	0	0	
Small Trees (<	0.3m DBH)	0	0	(2)	•	0		Small Trees (<0.3m DBH)	0	0	2	(0		Small Trees	(<0.3m DBH)	0	0	0	
Woody Shrubs (0.5m-	, Saplings 5m HIGH)	0	6	0	0	0		Woody Shrub (0.5n	s, Saplings n-5m HIGH)	0	<u></u>	<u>0</u>	0	0			ubs, Saplings im-5m HIGH)	0.000	0	0	
Woody Shrubs (<0.	s, Saplings .5m HIGH)	0	0	2	0	0		Woody Shrub (<	s, Saplings 0.5m HIGH)	0		2	0	0			bs, Saptings <0.5m HIGH)	2	0	0	
	orbs and Grasses	_	0	(2)	0	0		Herbs,	Forbs and Grasses	0	0	Ø	0	0		Herbs,	Forbs and Grasses	00	0	(
Bare	ground	0	0	(2)	0	0			ground	0	②	0	0	Ō		Bar		0	0	0	-
Litt	er, duff	0	0	<u>(1)</u>	0	0		Li	tter, duff	Ō	0	<u>0</u>		Ō		L	itter, duff 💿 🦸	0	0	0	
	Rock	0	0	<u>(1)</u>	0	0			Rock		0	0	<u></u>	$\tilde{\odot}$			Rock (0	Ō	
	Water	0	0	0	0	ŏ			Water	0		0	0	$\frac{\circ}{\circ}$			- + - + -		0	Ö	
	bmerged			0	0	0			ubmerged		0	0	<u></u>	$\frac{\circ}{\circ}$			Submerged (A)		(1)	0	
	egetation or Pres	sence	e/Ab	$\stackrel{\smile}{-}$	_	$\stackrel{\smile}{-}$	rm that		egetation bubble in	ndica	_			_	unfilled	The Second Publishers	Vegetation Cates absence by		\cup		0
	dential								Hydrolo							CONTRACTOR	Agricultural &				
Fill bubble				1	2	3	Flag	Fill bubbl				1	2	3	Flag		e if present - Plot	Т	2	3	Flag
Road - gra		JIIL - 1	100	0	0	0	, lug	Ditches, C			101	0	0	0	riug	Pasture/Ha		0	0	0	
Road - two				0	0	0		Dike/Dam/	Road/RR			0	0	0		Range	. y	0	0	0	
Road - fou				0	0	0		(IMPEDE FLO Water Lev		Str	cture		0	0	-	Row Crops		0	0	0	
Parking Lo		nent		0	0	0		Excavation				0	0	0		Fallow Fiel	d (RECENT-RESTING	0	0	0	
Golf Cours				0	0	0		Fill/Spoil E		-		0	0	0			d (OLD - GRASS,	0	0	0	
Lawn/Park		1 9		0	0	0	-	Freshly De	eposited S	Sedin	nent	0	0	0	F	Nursery	ES)	0	0	0	
Suburban		tial	9 19 19	0	0	0		Soil Loss/		osure		0	•	0		Dairy		0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard		0	0	0	
Landfill		77.00		0	0	0		Inlets, Out				0	0	0		Confined A	Inimal Feeding	0	0	0	
Dumping	- 100			0	0	0		Point Sour		VATER	2)	0	0	0		Rural Resi	dential	0	0	0	
Trash				0	•	0		(SHEETFLOW	surface	input		0	0	0		Gravel Pit		0	0	0	
Other:			*******	0	0	0		Other:				0	0	0		Irrigation		0	0	0	
Other:	and the late			0	0	0		Other:				0	0	0		Other:		0	0	0	
Indu	strial D	evel	opm	ent S	Stres	sor	S		1			- 1	Habit	tat/V	egeta	tion Stress	sors				
Fill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if present - Pl	ot 1	2	3	Flag
Oil Drilling		The same	1980	0	0	0		Forest Clea	ır Cut			0	0	0	ar signatur yana signasar	Herbicide U	Jse	0	0	0	diffusion of the section of
Gas Wells				0	0	0		Forest Sele	ctive Cut	g OF		0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (surf	ace)			0	0	0		Tree Planta	ition			0	0	0		Trails		0	0	•	1
Mine (und	erground	1)		0	0	0		Tree Canor		огу	•	0	0	0		Soil Compa		0	0	0	
Military				0	0	0		Shrub Laye		d		0	•	0		SECTION SHIP	nicle damage	0	0	0	
Other:	-			0	0	0		(WILD OR DO!	ed Grass	ses		0	0	0		Soil erosion	1 (FROM WIND, WATE	40.00	0	0	
Other:				0	0	0		(OVERALL <3* Recently B		rest		0	0	0		OR OVERUSE Other:		0	0	0	
	4 7 11			0	0	0		Canopy Recently B		assla	nd	0	0	0		Other:		0	0	0	
Other:	an codes	: K = 1	- No ma	1	-		e. 11 = 9	(BLACKENED)		F1 F	2. etc				ianed h	y each field c	rew.	_			
	uffer Sar				/27/:	Exp	lain all f	lags in comm									24	12816	8304		

Site ID:					ER SAMPLE PLO	TS -					EN SPECIES (Back) Reviewed by	y (initia	i);	D. I	
		APM			ECOL SAIABAT		1689	Carry.			0 0	a contract			241
	_		T a						_		absence by filling in this bub	1000	NII.		
Fill bubble if present - Plot		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	211.01	0	0	0	-111_1	Johnson Grass	0	0	0	hjje
Water hyacinth	0	0	0		Knotweed	2	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	100	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	199	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	(59)	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge		0	0	0		Other:	0	0	0	
							10		di.		Other:	0	0	0	
					PLOT CO	OORI	DINA	TES							
O AA CENTER N	3	O S	3	O E3			Lor	gitu	de V		g and comment below)	.9.		Fla	
					Use Decima	ı Değ	1669,	147-tL				Ties.			
Flag Comments							9 14							difa	
1 peer tra	i.	m						-	17.00						
7001											0			-	
							-								
								- N. C.			7.			_	
										111					
											PROPERTY AND ADDRESS OF THE PARTY OF THE PAR			-01124	
			_					_							100
100							-		-					_	
		_									meaning and the same of the same	-			
				-	W % 3			-	+						
					P. D. P.		_								
	19 74		100	3.04			GS. T		1 3		ATTERNATION OF THE PARTY OF THE				-1
Ruffer Sample D	ointe	- Tor	gete	d Alien	Species 05/27/2011						796	5662	354	8	

	100 100 100																						
•			Ple		23	03	FOI	RM B-1:	BUFF	ER	SAI	MPL	E P					Review				_ (
Site	D: P	CAP	MS	\$ 12	211										DATE	0.6	1 1 2		2	0.	1 7		
Locati	on:					Tal.			1 25 5					lot(s	s) cou	uld not be	sample	d ar	nd fla	ag -	→		
OAA	Center	С	N	0	S	01		W		lot 1	-		Plot			Plot 3				- 1-			
								s; E = Evergre		уре: Е	= Bn	oadlea	f; N = i	Needle	e Leaf.	Absent: No tre oderate(10-40		vy (40-	75%);	4 = V	ery He	eavy (>75%)
Buffer	Canopy	у Тур	e: @) () Al	osen	t: ()	Buffer	Canopy	у Тур	e: () () Ai	sent	: 0	Buffer	Canopy	Туре	: 🔵	0	Ab	sent	0
Plot 1	Lea	f Typ	e: 🥑	(Flag	Plot 2	Lea	f Typ	e: () (Flag	Plot 3	Leaf	Type	: 🜘	0	30 52		Flag
Big Trees (>	0.3m DBH)	0	0	2		0		Big Trees (>	•0.3m DBH)	0	0		0	0		Big Trees	(>0.3m DBH)	0	0		3	0	
Small Trees (<	0.3m DBH)	0	0	(3)	0	0		Small Trees (<0.3m DBH)	0	0	2	(1)	0		Small Trees	(<0.3m DBH)	0	0	2	9	0	10
Woody Shrubs (0.5m-	, Saplings 5m HIGH)	0		2	0	0		Woody Shrub (0.5m	s, Saplings 1-5m HIGH)	0	0	•	0	0			ubs, Saplings 5m-5m HIGH)	0	0		0	0	
Woody Shrubs (<0.	s, Saplings 5m HIGH)	0	(②	0	0		Woody Shrub (<0	s, Saplings).5m HIGH)	0	3	2	0	0			ubs, Saplings <0.5m HIGH)	0	0	0	0	0	5.2102
	orbs and Grasses	0	②	②	0	0		Herbs, I	Forbs and Grasses	0	0	(0	0		Herbs	Forbs and Grasses	0	0	0	0	0	
Bare	ground	0	(②	0	0		Bare	ground	0		0	0	0		Bai	re ground	0	O	0	<u>o</u>	0	
Litt	ter, duff	0	0	0	0	(a)		Lit	tter, duff	0	0	2	0	0		L	itter, duff	0	0	0	0	0	
	Rock		0	②	0	0			Rock	(3)	0	①	0	0			Rock		0	0	0	0	
	Water	9	0	0	0	0			Water	<u></u>	0	0	<u></u>	Ŏ			Water		Ŏ	Ō	Ō	Ö	
	ibmerged egetation		0	(2)	0	0			ubmerged egetation		0	(2)	0	$\tilde{\odot}$			Submerged Vegetation		Ō	0	ŏ	0	
		enc	e/Ab	send	_		rm that			ndica			ce an	d an	unfilled	l bubble indi		nce b				ble. (
Resi	dential	and	Urba	an Si	tress	ors	N BU		Hydrolo	av S	tres	sors	(147)	hu-			Agricultu	ıral 8	k Rui	al S	tres	sors	
Fill bubble	if prese	ent - i	Plot	1	2	3	Flag	Fill bubble				1	2	3	Flag					1	2	3	Flag
Road - gra		-(4)		0	0	0		Ditches, C				0	0	0		Pasture/Ha	ev			0	0	0	
Road - two				0	0	0		Dike/Dam/	Road/RR			0	0	0		Range		144		0	0	0	
Road - fou	ır lane			0	0	0		(IMPEDE FLO		l Stru	cture		0	0		Row Crops				o	0	0	
Parking Lo	ot/Pavem	ent	A	0	0	0		Excavation	n, Dredgir	ng		0	0	0	-5	Fallow Fiel		RESTIN	iG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil B	anks			0	0	0		Fallow Fiel	d (OLD - GRA	ASS,		0	0	0	
Lawn/Park	3	- W		0	0	0	sži.	Freshly De		Sedim	ent	0	0	0	3 2	Nursery				0	0	0	
Suburban	Residen	tial		0	0	0	1	Soil Loss/F	Root Expo	osure		0	0	•		Dairy	THE			0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	Animai Fee	ding		0	0	0	rii.
Dumping		Eres		0	0	0		Point Sour	OR STORMV	VATER)	0	0	0		Rural Resi	dential			0	0	0	ŕ
Trash					0	0		Impervious (SHEETFLOW		Input		0	0	0		Gravel Pit				0	0	0	
Other:	1			0	0	0		Other:	posinisX			0	0	0		Imigation				0	0	0	
Other:				0	0	0		Other:			_	0	0	0		Other:		_		0	0	0	
Indu	strial Do	evel	opm	ent S	itres	sor	8					1	Habit	at/V	egeta	tion Stress	sors						
Fill bubble	if prese	ent - i	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if prese	ent - F	lot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	Jse			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0	2,572	Mowing/Sh	rub Cutting	,		0	0	0	
Mine (surf	ace)			0	0	0		Tree Planta	tion			0	0	0		Trails				0	0	0	
Mine (und	erground	1)	إمان	0	0	0		Tree Canop	y Herbivo	огу		0	0	0		Soil Compa (ANIMAL OR H				0	0	0	
Military				0	0	0		Shrub Laye		d		0	0	0		Offroad vel	Salar Value	ge		0	0	0	
Other:	11-20	W15		0	0	0		Highly Graz	ed Grass	ses		0	0	0		Soil erosion		D, WAT	TER,	0	0	0	
Other:	., U.N.			0	0	0		Recently Bu		est		0	0	0		OR OVERUSE Other:	1			0	0	0	
Other:			7	0	0	0		Canopy Recently Bu		sslar	nd	0	0	0		Other:				0	0	0	
	ag codes:	K = 1	- No me			made			urement.,			= mis	c. flag	s assi	igned b	y each field c	rew.		— 2428			1	T
Bi	uffer San	nple I	Plots	05	/27/2		lain all f	lags in comm	ent sectio	n on	the ba	ack of	this fo	rm		ROM SI			.420	Τ00	JU4	1	

• FC	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS	- TA	RGE	TEI	D ALI		k) wed by	(initial):		•
Site ID:	Pe	API	21	t PC	APMSIZII	DA	ΓE: _	0.6		1,2,1,2,0,1	2				
Confirm	a fille	ed da	ta bu	ubble i	ndicates presence and an u	filled	bubb	le ind	dicates	absence by filling in this	bubb	ole			0
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plo	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	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn		0	0	0	
Garlic Mustard	•	0	0		Giant Reed	0	0	0		Himalayan Blackberry		0	0	0	1
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	3	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:	210-1	0	0	0	
				Hija		130	BIE	-		Other:		0	0	0	
		i i	dia		PLOT COOF	RDIN.	ATES	3	Elleg		NA P			17-	
O AA CENTER O N Latitude I		O S		O E3	W3 O Nearest pr	Lo	ngitu	de V		g and comment below)	7,6,	5			
Flag Comments							IA SELECTION								
1 Residence	3	Om		to :	of last b	itte	pl	٠+.		(0)					
				+					_	100000000000000000000000000000000000000	-			-	-
				_	1 T-1-1						_		-		
					-							- 1/2			
	-														
												17			
				_						1 1 1			-		
					74 (24							V 1/0			
			i i i		3 &										-14
Light of the second			n e		3 6							2-16			
			//2		3 8	*									11/
Buffer Sample P				d Alt							796	662	354	8	•