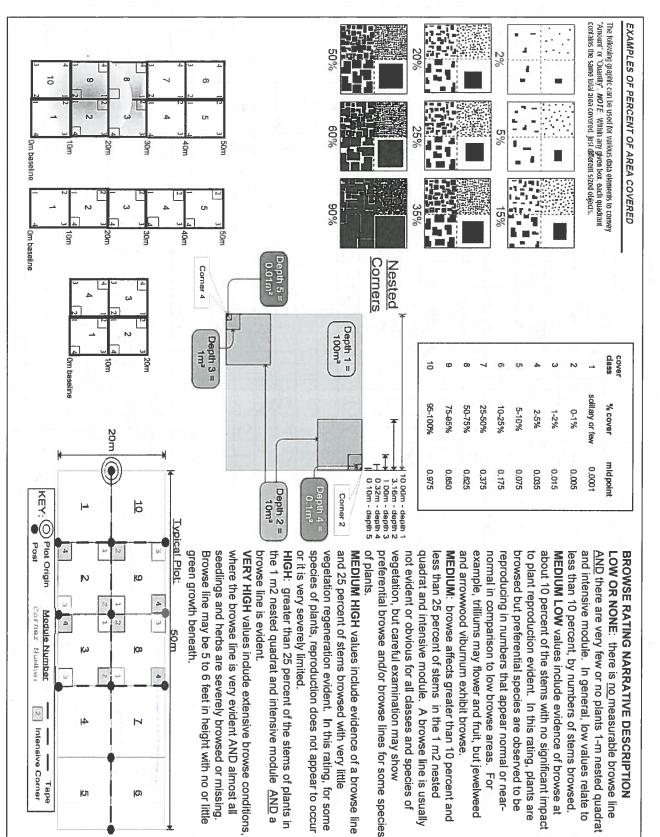
CLEVELAND ME	TROPARKS Plant Community Assess	sment Program:	Quality Control Form
Project Label:	PCAP	Plot No	: 1215 Date Sampled: 6/13/12 Lead: Barton
			Comment required if item answer is NO
Parking/Access outsi	de of Park Boundaries:	Y (N)	If yes, write details in Comments section below
Field journals comple	eted	Y N	
Site sketch made on	1:3000 map?	Y N	Only had 1:1,000, made skotch there
Check cover page	X-axis Bearing of plot recorded	♥ N	
	GPS coords. Recorded	Y N	
	North direction recorded	Y N	
	Photographs taken?	Y) N	
Plot No., Date agreer	ment on all pages?	N Q	
Header data complete	ed all pages?	(Y) N	
Cover classes recorde	ed in all Intensive modules	Y N	
Browse Level By Spo	ecies	Y N	
Woody stem quality	control check	Y N	
Invasive plant quality	control check	Y N	
Ash trees mapped		Y (N)	N/A
Cover by Strata? (cor	nfirm cover type)	Y N	
Soil samples collecte	d with matching plot #.	Y N	
Vouchers labeled on	datasheet with initials and number	Y N	
Vouchers labeled on	collection bag	Y N	
Pink flags removed		Y N	200 CM
Data sheet QA before	leaving site?	y n	
Common equipment	returned to tub.	(Y) N	
Data sheets scanned?		6/15/12	Enter date to left 1 2
Final data sheets scan	ined?		Enter date to left
Buffer Widths measu	red?	Y N	JTP 6-22-2012
Web Soil Survey		(Y) N	WH 0/18/12
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 verifica	tion: Is plot sampleable?		
Yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non-sa	ampleable area (fi	II in category below)
	Point falls in a water (i.e. river, lab		
	Managed mowed area (i.e. golf co Paved area (i.e. parkinglot, road)	ourse, picnic area, righ	r-of-way)
-	Unsafe to sample (i.e. steep slope)	·	
	D Other		
Additional Commen	ts:	2000	
Data Quality Contr	rol 2011.xls last revised 6/20/2011 ce	eh	Natural Resources Mangement Form NR/2

5-32

CLEVELAND METROPARKS Plant Cor	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	l Data Sheet ﴿ الْاَوْلِينَا اللَّهُ اللّ
GENERAL INFORMATION	LOCATION	
Project Label: PCAP	State: OH County: Coly	
Project Name: 0/MS20/2	angle: Berea	(
Plot Name: The Sunshine Log	lames: Royalview Prenicarea	2.10
Plot No.: 1215	Landowner: LM	#8
Level 4 (no nested corners sampled)	Data Confidentiality:	2 1 2 1
Level 5 (nested corners sampled)	Check one: Public data Drivate Data	
Date (mm/dd/yyyy): 6 //3/20/2	□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	() #1 #2 #3 #4 #5
End date (if > 1 day): / /	Reason:	Distriction GDE feature and about telem
Party Role**	If data not public why?	Key: (0,0) point point with direction permanent posts
Z. Broth Plot leader by Her	Source of coordinates □ MAP ■ GPS	NOTES: Include Layout (any unusual shape details), Location (directions and landscape content) Rationale (why here) and Vee Characterization (description of community
A. Young woodylsuillbuffor	Coordinate system: Coord. Units	dominants, strata, BROWSE). Additional notes in space on back.
1. KiSHEC woody/sillbuller	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	Layout: 2x5
S. Catella Bet. Ast. / butter	□ Other (specify) ■ m □ ft □	Rationale IGRTS
L. Hottman woody/soil/butter	Datum: ■ NAD83/WGS84 □ NAD27	
** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.	GPS location in plot $x=0$ to 5, $y=-1,0,+1$):	LOCATION: FOR IX AT KOYALVIEW FIGURE Area, Plot is
PLOT NOT SAMPLED:	x = O $y = O$ (base of plot $x=0$, $y=0$)	^
	41,20	There are bootleg trails leading up slove & across stream
SAMPLING QUALITY*	Longitude: - 81, 19561	
Effort Level: subjective evaluation of	Coord. Accuracy: V m o ft	leg. Char,
Very thorough how much effort put into	GPS File Name: 1215 A	COMOPY: ACET SOCCEPTUM, QUEICUS PUBLO, LITTUSENDIAN
Accurate may still provide good	Plot size for cover data: O, / (hectares)	to his hand topics backers have sackering
- Hurried data	X-axis Bearing of plot: $[348]^{\circ}$	Shows Ustryo, severy party between, the succession
TAXONOMIC ACCURACY	Depth: (1-5): 4	herb: Arisaema, Larex, Frax, seedlings, When's seedlings
high modera. low not smpl	Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)	
vascul. X n/a	Camera No.: 4/	
bryo	Photo Nos.: 6084	
lichen X	nent:	
TAXONOMIC STANDARD	□ Random □ Stratified Random □ Transect component	
Authority: G&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	CVS Field Guide OVER

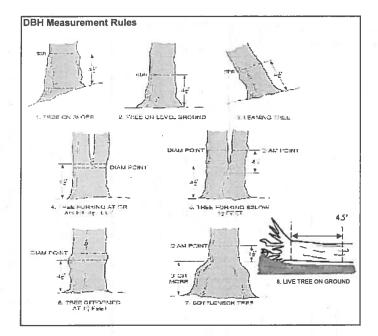
		e e	
Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.), Stand very deparperate, small patches of Raupow scattered throughout surrounding area. Light gop/depression to South of plot much legisla, not microstegium	s, maturity, etc.) scottered throughout Surli	ess of plot to the stand, successional status yall patches of Paupow essia, not microstegium	Additional notes & diagrams: (Representativene: Stand very depauperate, so to South of plot much le
	a Unknown		(by default unless plot is a wetland)
	(e.g. wind, storms)	□ Temporarily flooded	2
	Tidal/Seiche flooded irregular	□ Occasionally flooded (<1/yr)	Upland (n/a)
	□ Tidal/Seiche flooded monthly	(dry <1/yr, seldom flooded)	□ Fresh
	ted Tidal/Seiche flooded daily	□ Permanently/Semipermanent. saturated	Brackish
	Permanently flooded	(seldom flooded)	□ Saltwater
	☐ Semipermanently flooded	□ Intermittently/seasonally saturated	SALINITY*
	□ Intermittently flooded	Upland (seldom flooded)	
		HYDROLOGIC REGIME*	
U_a/c ,	Former Land Use: (mosaic	☐ Conspicuous inclusions ☐ Irregular/pattern mosaic
ork .	Current Land Use:	□ Compositional trend across the plot	Homogeneous Compositional t
**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	**L=low, ML=med low		HOMOGENEITY
O 100 ISTOWSE	Other Other	6	
	Cut		Mixed Facest
	Fire		COMMUNITY NAME:
	Natural		·
	Human		7
yrs ago % of plot description	type* severity**	Fit- 6 Conf- H	CODE (on separate form):
	DISTURBANCES		MODIFIED NATURESERVE CLASS*
Plot No.: 1215 Page 2 of 2	Project Name: OIAIS20/2	PCAP	Project Label:
6 Character of Marine and Marine	- Background Data Sheet	munity Assessment Program -	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

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AKARANA DICAKS SOKAN IGUSTRUM VULGARE OLGA STORICA	VOL	VOL	to		oxicodendian (Adicans	Vitchella repens	AKOWA COLLET I	litis aestivolis	hknown dicot 1	Moss sp,	pipactis helleborine	odophyllum peltot	Asimina triloba	1	G	Chamnus Francola	SW,	anisaena triphyllum	0	us see	2 606	Facus oranditolia	US 801	Acer saccharum	Species		entire plot	describe amount of browse per species over	Br = Browse evel se cover classes to		16	PCAP	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a
R	RE	RE	i	Salanumdul					To opur		rine	tym					(7			S							ecies over	asses to				Assessi
_		N	SRE	CAWASA	3		7	011	12 W									·							c	%unveg	%unveç		intens	Estim	Intens	-	nent Pr
		58012	E 10-10-12	-0087			- 0086	Sp# 10-10-12	1.37																Voucher#	%unveg. ground (bare soil) %unveg. litter (bare litter)	%unvegetated open water	%open water	intensive module:	Estimate for each	Intensive modules:	Project name:	ogram Speci
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-				+		\ <u>\</u>	1	7	4	+	2 +	7+	2 +	نگر	5		03	2 2	2 2	22	8 2	3	814	54	cov depth		0	0	٧	corner mod	Plo	SIMSZOJZ	er Data
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Project Label:	Project Label: PCAP Project name: OIMS 2012 Project Label: PCAP	ent Program Species Cover Data: Project name: OIMS 2012	MS 2012	Plot no	0.: 1215	סי	Page of	
Total modules:		Intensive modules:	Plot conf	Plot configuration:		Plot area (ha):	ha):	
€	Br = Browse Level. Use cover classes to	Estimate for each intensive module:	corner mod corner 4 2 2 1 cov depth cov	mod corner mod 3 4 3 depth cov depth	comer mod comer mod 2 8 4 9 cov depth cov depth	corner mod	comer mod comer 4 9 2 cov depth cov	R R R
Cieveland	describe amount of browse per species over entire plot	%open water 1					\rightarrow	100 (State
		%unveg. ground (bare soil)						
Strata - Cov. entire plot		%unveg. litter (bare litter)	-					1000
-	`	C VOUCNET # depth	cov depth cov	depth cov depth	cov depth cov	depth cov depth	cov depth cov	depth cov
	Leorsia Vilginica				- 1	\ \		
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Quercus seedlings			2			7	
2	Farthenocissus quinquetolia			2				
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Liciodendran tulipitera			2	2) -		27	
	Pronus serotina		-	+				
5	Jassatias albidum				2	2	2	
	Chyeria striata				71			
2	Allium traccum				72		1	
	Vibraum dentatum				2 1		-1-	
2	Berberis thunbergii				131			
	Arer seedli						+	
ω (<i>γ</i>)	Carpinus caroliniana			1 4		X	222	
2	\sim		2				$\overline{}$	
	Carex SD,						\$ 2	
	Ranualus so.						+	
	Smilax sp.					1		
2	Ulmus americans							R 3
	Comus SD.							2
2	Polystichum acrostichoides							R
	Evanymus abovatus							RI
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	Lonicera Morrowii							7
10	Lindea Bonzoin		-					N
	425B 10-1-12					•		
		_	-					_

CLE	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Project Label: PCAP Project Name: O M S > O Plot No I	nt CC	ommunity PCAP	Assessn	nent Pro	gram Name	Natural N	Woody	Stem Da	ta Sheet	77.77		ם ממכי	_	<u> </u>	Ciercia	© Cleveland Metropaiks
	Explain subsample (additional room on back):	n bac	<u> </u>	'	- Cj		0111	Polocy Marine: Of 110 250 15		1 0	2		9	-	٤	k	
		\Box			% sub	#	size class	size class (cm) woody stems >1.4m	dy stems >	1.4m							
nod #	species	n	voucher#	browsed	sample	clumps	0- <u>^</u> 1	1-<2.5	2.5-<5	5-<10	10 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	>40 (record each tree)
	Vitis aestivalis								0 0	•		×			ı		
	Ulmus americana											۰			Lan. Text		
	Ace so-charum							0		0		₽ C			0		
	Fague granditolia			0 6				0	0		0						
7		\vdash					4										
2	Cratocaus su.							0 0									
2	Vitas aestivalis			*						9 9							
2	Acer pubrum									9							
2	Carya corditornis									0 6	e •						67,1
2	Ostraya vinglalanica								0	0 0							
2	Standing Load											Ů					X
2	Acer sacharum									0							
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N	Vitus aestivalis								9	0					g the s		
3	Crataegus sp.																
CN	Quercus "rubra																109.0
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4	rayus grandifolia								0								1
	arpinus aroliniana			0					dice								
工	a straya virginiana	13					100		0 0	•					8		
上	Acer Saccharum									8							
+	standing dead							0	1	0							
I	carga cordifornis										0			•		•	
1-	Quereus mulya												,				



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.
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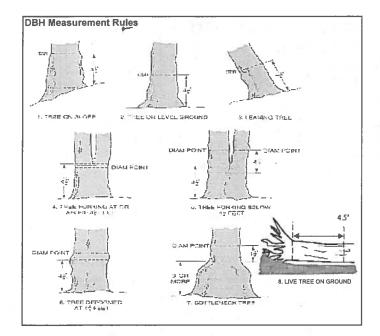
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ASH CANOPY BREAKUP CONDITION (for dead trees):

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

- A: All main branches contain fine twigs (newly dead).
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CLE	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet	nt Communit	y Assessi	nent Pro	gram I	latural I	Woody	Stem Da	ta Shee						(A) Clevel	(A) Cleveland Hetroparks
	Explain subsample (additional room on back):	n back):		Projec	t Name:	Project Name: 6 4570(2	2012		Plot No.: 1215	1215		Page:	1	o_	L	1
			# stems 0-1.4m	% sub	shrub	size class	(cm) woo	size class (cm) woody stems >1.4m	1.4m	Un Un	6	7	60	9	10	=
F mod #	species	c voucher#	browsed	sample	clumps	<u> </u>	1-<2.5	2.5-<5	5-<10	10 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	>40 (record each tree
4.	Lindera vernon		00													
7	causa sp.		9.0													
2	Quereus pubra															52.6. 53.4.53.
5	Acer saccharum							9 0	. 6	. 0	6					
5	Carya cordiforms									60			0			
<u>ب</u>	VItis aestrudis		•						0 p							
N	Rosa multiflaa		9													
6	Carya cordiformis				,				9					0		
6	standing dead							0								
6	Acer sacharum							0 0	×.	0						
6	VHIS aestivalis		0 0					0 0								
6	Fraxinus pennsylvunica		٥							•		·				
6	OSTYA WIGINIAR															,
14	Acer soccharum						100	Ø		×		0				
4	Vites acotrolais							0								
4	Cretagens sp.							9								
43	Conga cordifornis							***				•		0		
4	Carrie Caciniaco											0				
4	6 exberis thurbergii															
de	Sassafuas albidum		•											€0		
09	Vitis aestuulis						0	9								
ac.	Ostraya Virginiana								Ø							
œ	Acer sair harun		0					8	P							



Woody Stem Deer Browse

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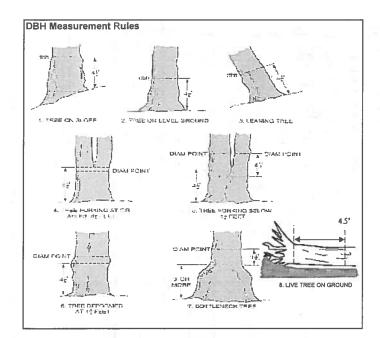
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					!												
CLE	Project Label: PCAP Project Name: 0 MS 2からと Piot No.:	nr c	PCAP	Assessn	nent Project	gram I t Name:	nt Program Natural Woody S Project Name: 이 MS 25(2	2012	item Dat	ta Sheet Plot No.: 1215	1215		Page:	6	of	Siewela	© Cleveland Metroparks
19	Explain subsample (additional room on back):	on bad	ck):										}_ "				-
					% sub	#	size class (cm) woody stems >1.4m	(cm) wood	ly stems >	.4m							
mod #	species	n	voucher#	browsed	sample	clumps	0-<1	1-<2.5	2.5-<5	5-<10	10 - <15	15 - <20	20 - <25	25 - <30	30 - <3 5	35 - <40	>40 (record each tre
8	Burberis thumbergi																
00	Carva cordiformis																
8	T								ý						_ [] c		
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O	Roguo granditatia			•						•							
0	Rosa multiflora			9 , \$3													
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- E: Central stem still standing.

CLEVELAND METROPARKS Emeraid Ash Borer - Fraxinus Sheet Tree 25 24 23 22 21 20 19 9 * If Ash Condition scores 5 (dead) provide breakup score (A-E) Count EAB exit holes 1.25m≥ x ≥1.5m Woodpecker and epicormic marked present (1) or absent (0) 70 dsh Project Label: PCAP Project Name: 01 MS 2012 (cm) DBH @ Ash *Dead condition # Exit Epicormic holes present INTENSIVE MODULES ONLY Plot No.: 12 (5 Woodpecker holes Date: 6/13/12 Baseline Map all ash trees ≥10cm in each module using Tree ID number *** Change intensive module numbers when necessary TREES > 10CM ONLY 2 9 z Page: 1 of 2 **6** ယ

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey Cleveland Metroparks Tier 1: Early detection/ Rapid response Presence NE SE SW NW Presence X: yes Microstegium vimineum Japanese stiltgrass Ranunculus ficaria Lesser Celandine (vine) Black Swallow-wort Cynanchum louiseae **Butomus umbellatus** (wetland) Flowering Rush Heracleum mantegazzianum **Giant Hogweed** Tier 2: Assess as Needed # of Plants comments # of Plants NE SE SW 1: 1-10 Acer platanoides Norway Maple Ailanthus altissima Tree of Heaven 2: 11-50. 3: 51-100 Lonicera japonica (vine) Japanese Honeysuckle 4: 101-1,000 (wetland) Purple Loosestrife Lythrum salicaria Aegopodium podagraria (G-cover) Bishop's Goutweed 5: >1,000 Celastrus orbiculatus (vine) Asian Bittersweet Torilis sp. Hedgeparsley Conium maculatum Poison Hemlock Rhamnus cathartica Common Buckthorn (shrub) (shrub) Berberis thunbergii Japanese Barberry Alnus glutinosa European Alder Dipsacus laciniatus Cut-leaf Teasel Autumn Olive (shrub) Elaeagnus umbellata Amur Honeysuckle (shrub) Lonicera maackii Euonymus fortunei Wintercreeper Tier 3: Presence is of Interest # of Plants comments NW # of Plants NE SE SW 1: 1-10 Convallaria majalis (G-cover) Lily of the Valley Coronilla varia Crown Vetch 2: 11-50. (G-cover) 3: 51-100 Eleutherococcus pentaphyllus Five-leaf Aralia (shrub) 4: 101-1,000 Pachysandra terminalis (G-cover) Japanese Pachysandra 5: >1,000 Philadelphus coronarius Mock Orange (shrub) Pulmonaria officinalis (G-cover) Lungwort Rubus phoenicolasius Wineberry (wetland) Yellow Flag Iris Iris pseudacorus Ornithogalum umbellatum Star of Bethlehem Viburnum opulus var. opulus European Cranberry (shrub) Doublefile Viburnum (shrub) Viburnum plicatum Tier 4: Widespread and abundant Presence comments SE SW NW Presence NE Garlic Mustard X: yes Alliaria petiolata Common Privet (shrub) SOE 10-10-17 Ligustrum vulgare L. morrowii, L. tatarica **Bush Honeysuckles** (shrub) Phalaris arundinacea Reed Canarygrass Phragmites Phragmites australis (wetland) Polygonum cuspidatum Japanese Knotweed Glossy Buckthorn 10-10-12 Frangula alnus (shrub) •2 2 Rosa multiflora Multiflora Rose (shrub) Typha angustifolia, T. x.glauca Cattails (wetland) Canada thistle Cirsium arvense

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

(G-cover)

Common Teasel

Dame's Rocket

Periwinkle

Dipsacus fullonum

Vinca minor

Hesperis matronalis

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a

Project label: PCAP Project Name: 1215

Plot No.: 61 MS 2012

(C) Clary claim of the bapanes

Page: 1 of 1

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

Soll pit module #3 (one per entire plot)

20 cm 5 cm matrix color 10 yr/4/2 matrix color | Oyr / 3 / 3 texture* oxid roots hydr cond.*** texture* oxid roots edox features** mottle mottle edox features** ottle color ottle color ۵/A T/A 0 I S M(D) < 0 2 3 2 3

* refer to texture classes on reverse side

hydro cond.***

Š O

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

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

- WOVES, Lestings

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

Soil Collection Module Horizon (A, B, C)	
2.3,8,9 composited A	
Web Soil Survey Informations	
soil Series/Type: Mg B - Mahaning Silt loam	31+112
Soil Series Source: Ohio Soil Survey	
Landform type: +ill plocins	
Depth to rest, Layer: > 80 in	
Parent Material:	
DEVINAGES	
□ Excessively dr. □ Somewhat excessively	
□ Well drained □ Moderately well dr.	
Somewhat poorly dr. Uery poorly dr.	
Impermeable surface LNH 6/18/12	2/18/12

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

9	8	13	2	mod#
3.6	2,5	3,0	3,2	1 litter+ organic depth (cm)
3.6	2,5	3.0	3.2	2 litter depth (cm)
0	0	0	0	water depth (cm)
730	2 30	730	730	depth sat

**** <5 cm in diameter	*** >5 cm in diameter	**Boulder => 10 in	* Gravel-Cobble = 1/16-10*	Bedrock	Boulder**	Gravel-Cobble*	Mineral Soil	Histosol	(Sum = 100%)	Underlying Earth Surface*	EARTH SURFACE & GROUND COVER
neter	eter	in .		0	0	1	99	0	percent	Surface*	CE & GROUN
Other	Road/Toul	Bare Soil	Water	Bryophyte- Lichen	Duff (Ferm.+ Humus)	Litter	Fine Woody Debris****	Coarse Woody Debris***	(Each ≤ 100%)	Ground Cover	D COVER
0	0	/	0	_	0	40	Ŋ	7	percent		

Bridle
 Hiking sanctioned

Type

%Cover

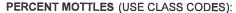
All Purpose

ecord type and cover for each TRAIL INFORMATION:

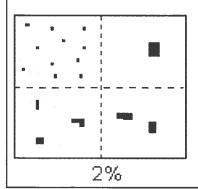
Bootleg unsanctioned

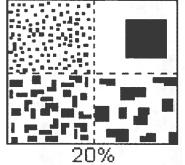
COVER BY STRATA estimate using midpoi	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	%,ex:3, 8, 13
Strata	Height Range (m)	Total Cover (%)
Tree	5 - X	88
Shrub	0.5.5	23
Herb	X - 0,5	8
(Floating)*	ı	
(Aquatic)*	•	
* rooted and flo	 rooted and floating or slightly emersed 	sed
** submersed,	** submersed, most plant mass below surface	w surface
SEE BACK OF	SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS. STRATA CAN VARY BY CO	SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.

1-3 x plot size	3-10 x plot size	10-100 x plot size	> 100 x plot size	>600 x plot size	TAND SIZE				
Že.	size	ot size	size	size	ZE .		Deer Deer	□ Gravel	



Class	(ode	Criteria: % of
	Conv.	NASIS	Surface Area Covered
Few	f	11	< 2
Common	С	14 17	2 to < 20
Many	m	# #	≥ 20

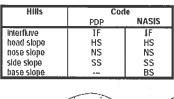


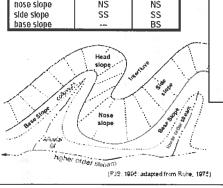


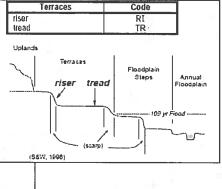
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but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

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

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

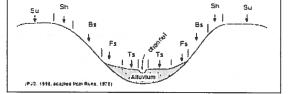






Hillstope - Profile Position (Hillstope Position in PDP) - Twodimensional descriptors of parts of line segments (i.e., slope position) along a transect that runs up and down the slope; e.g., backslope or BS. This is best applied to transects or points, not areas.

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



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

UPLAND: Not a wetland. Very rarely flooded.

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

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

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

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

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

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

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

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

in 0.1 m clip plots (32x32 cm) from comets 1 and 3 in each intensive module. Required for VIBI-E score calculation. C?=check when collected	from corners 1 and score calculation. (3 in each	intensive when
Module #	C7	Corner Corner	Corner
			110

CLASSIFICATION		
(FIT = excellent, g Fit and Confidence		
Hydrogeomorphic class (WETLANDS ONLY):		
DEPRESSION	필 	Conf=
□ IMPOUNDMENT □ Beaver □ Human	Fit	Conf=
C RIVERINE D Headwater D Mainstern D Channel	Fig.	Conf=
SLOPE (ground water hydrology or on a physical slop)	Fit	Conf=
D FRINGING D Reservoir D Natural Lake	Fil=	Conf=
□ COASTAL (specify subclass)	H	Conf=
□ BOG (strongly, moderately, weekly ombrotrophic)	Fit-	Conf=
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	Ü	
□ FOREST □ swamp forest □ bog forest □ forest seep	1	Conf=
DEMENDENT DIRECT DESCRIPTION DOOR OF	1	Cont=
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	Fir	Conf=

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Slope 1 = slight elevational grade across module (hill) anks for microhabitat feetures. Select one or select two and average the score, NOTE: If mod falls on a stope 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

					-		1			_		_
		9	<i>9</i> 0	W	17	mod#						
		j	ļ	1	١	corner						
		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	
	9	_	-	0	_	(count)	10x10m	depth I		depressions	по тасто	
第一路图 18		17	15	21	171	(count)	10x10m	depth 1		(2-12 cm)	c.w.d	c.w.d count
		ಖ	2	0	Ś	(count)	10x10m	depth 1		(12-40cm)	c.w.d	for pieces with
		0	0	0	0	(count)	10x10m	depth 1		>40 cm	c.w.d	c.w.d count for pieces with minimum 1m length
		نع	نو	7	ىغ	(rank)	10x10m	depth I		interspers.	nucrohab.	
					_	(rank)	10×10m	SLOPE			microhab	

McNAB INDICES (degrees) + for up - for down

+315 degrees	+270 degrees	+225 degrees	+180 degrees	+135 degrees	+90 degrees	+45 degrees	At aspect		[FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD]
WN	W	SW	s	SE	н	NE	z		IS PROGRAM
								LFI*	DO NOT FI
								TSI**	LL OUT IN F
	away.	eye of person	recorders eye to	TSI measure	angles formed by local slopes. For	horizon. TSI is	LFI is angle of		JELD)
_									_

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

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

						9	6 0	u	2	Module N S	ode Summoearnoa
~	N	***************************************	6	Ţ	Ûs	ىع	2	61	4	Z	ree (4 uois br
	w	در	W	h	и	نع	\sim	W	ی	s	- Bill aquai
0	-	-	W	Ŋ	μ	-	_	て	برو	E	
工	-	نز		1	12	w	~		R.	*	
											•

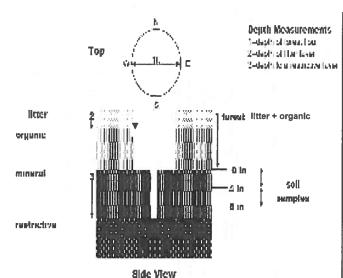
NOTE: tussock and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.

COVER BY STRATA

OOTEK DI SIKAIA	
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.



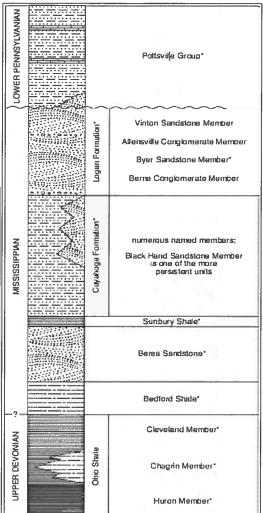


FIGURE 3-20.—Generalized section of Upper Devonian, Misissippian, and Lower Pennsylvanian formations in northeastern Oftio Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the chicknesses indicated are proportional. The term "Waverly is used in the older literature to refer to Mississippian rocks in Ohio. Some geologists use the European nerm "Carboniferous," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Formation, but most units are local and cannot be traced over great distances. The Black Hand Member is a speciarular massive sandstone that is fairly widespread four discontinuous. See Hyde (1933), Hoover (1960), and Colins (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

												went.							
	RM B-1: BUF	FER	SAI	MPL	E PI	LO1	rs (F	ront)	HE W	Review	ed by	(initial)		_ (0				
Site ID: MS (215	5 P	CF	AP	100						DATE	_0.6	113	3 1	2	0	13	5	
Location:	y In	y.			Fil	l in b	ubb	le(s)	if p	lot(s	s) cou	ıld not be	sample	ed a	nd fl	ag -	→		
• AA Center O N	0	S	O	E 0	W O	Plot	1	0	Plot	2	OF	Plot 3							
					Buffe											•			
Fill in bubbles for all that apply: (Strata Section: Fill in appropriate	Canopy e cover	l ype: class l	D ≈ D bubble	e for eac	s; E = Evergreen. Leaf h strata type for each p	Type: I lot. 0 =	Abser	oadlea nt; 1 = 3	r; N = r Sparse	Need! (<10%	e Leat. A %); 2=M	oderate(10-40	e canopy. %); 3 = Hea	avy (40	-75%);	4 = V	егу Не	eavy (:	>75%)
Buffer Canopy Type:) AI	bsen	t: ()	Buffer Cano	ру Тур	oe: (() At	seni	t: ()	Buffer	Canopy	/ Type	e: (0)	(E)	Ab	sent:	0
Plot 1 Leaf Type: (\leftarrow		Flag	DI-40	af Typ	\rightarrow	\rightleftharpoons	_		Flag	Plot 3		Гуре		- otin			Flag
Big Trees (>0.3m DBH)	0		0		Big Trees (>0.3m DBI	00	0	0	0	0		Big Trees	(>0.3m DBH)	0	0	0	0	0	
mall Trees (<0.3m DBH)	0		0		Small Trees (<0.3m DB	н) 🛈	0	(2)	0	<u> </u>		Small Trees	(<0.3m DBH	0	0	0	0	0	
Voody Shrubs, Saptings (0.5m-5m HIGH)	0	0	0		Woody Shrubs, Sapling (0.5m-5m HIGH		0	②	0	<u></u>	11.		ubs, Saplings 5m-5m HIGH)		0	0	0	0	
Voody Shrubs, Saplings (<0.5m HIGH)	0	0	0		Woody Shrubs, Sapling (<0.5m HIGH	5 0	0	0	0	0		Woody Shru	ıbs, Saplings <0.5m HIGH)		0	0	0	0	
Herbs, Forbs and Grasses	0	0	0		Herbs, Forbs and Grasse	10	Ō	0	0	0			Forbs and Grasses		0	0	0	0	
Bare ground ()	0	0	Ō		Bare ground		Ō	0	0	$\overline{\odot}$		Bar	re ground	0	0	0	<u></u>	0	
Litter, duff 💿 🕡		0			Litter, duf	1	ŏ	0	ŏ	$\frac{\check{\circ}}{\circ}$		L	itter, duff	0	Ō	0	<u></u>	ŏ	
Rock 🗑 🖸	1	0	0		Rock	 	0	0	3	$\frac{\check{\circ}}{\circ}$			Rock	ŏ	Ō	<u></u>	<u></u>	$\overline{\odot}$	
Water 🔘 🔾		0	0		Wate	+=	ō	0	Ö	$\frac{\circ}{\circ}$			Water	ŏ	Ō	<u></u>	ŏ	0	
Submerged 🙆 🕡		0	$\overline{\odot}$		Submerged Vegetation	10	0	<u>(1)</u>	0	$\overset{\smile}{\odot}$			Submerged Vegetation	0	0	0	0	$\overline{\odot}$	
Stressor Presence/A			_	rm that	-		_	resen	ce and	d an	unfilled				by filli	ng thi			9
Residential and Ur					Hydrol								Agricult			7.6			
ill bubble if present - Plo	t 1	2	3	Flag	Fill bubble if pres	sent -	Plot	1	2	3	Flag	Fill bubble	e if prese	nt - Pl	lot	1	2	3	Flag
Road - gravel	0	0	0	27 27	Ditches, Channelia	zation		0	0	0	m.	Pasture/Ha	ay			0	0	0	
Road - two lane	0	0	0	ш	Dike/Dam/Road/R	R Bed		0	0	0		Range				0	0	0	
Road - four lane	0	0	0	(V ¹ T)	Water Level Contr	ol Stru	ucture	0	0	0		Row Crops				0	0	0	111
Parking Lot/Pavement	0	0	0		Excavation, Dredg	ing	136	0	0	0	- 13	Fallow Fiel		RESTI	NG	0	0	0	
Golf Course	0	0	0		Fill/Spoil Banks			0	0	0		Fallow Fiel	d (OLD - GR	ASS,		0	0	0	
Lawn/Park	0	0	0	- 13	Freshly Deposited (UNVEGETATED)	Sedir	nent	0	0	0	3 8	Nursery	La El P			0	0	0	
Suburban Residential	0	0	0		Soil Loss/Root Ex	posure	•	0	0	0		Dairy				0	0	0	
Urban/Multifamily	0	0	0		Wall/Riprap		107 10	0	0	0		Orchard			8 11	0	0	0	
Landfill	0	0	0		Inlets, Outlets			0	0	0		Confined A	nimal Fee	eding		0	0	0	
Dumping	0	0	0		Point Source/Pipe (EFFLUENT OR STORM	WATE	R)	0	0	0		Rural Resi	dential			0	0	0	
Trash	0	0	0		Impervious surfac (SHEETFLOW)	e inpu	t	0	0	0		Gravel Pit				0	0	0	
Other:	_ 0	0	0		Other:			0	0	0		Irrigation				0	0	0	
Other:	0	0	0		Other:			0	0	0		Other:				0	0	0	
Industrial Develop	ment	Stres	son	8					Habit	at/V	'egeta	tion Stress	sors						
fill bubble if present - Plo	t 1	2	3	Flag	Fill bubble if pres	ent -	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - I	Plot	1	2	3	Flag
Oil Drilling	0	0	0		Forest Clear Cut			0	0	0		Herbicide U	Jse			0	0	0	
Gas Wells	0	0	0		Forest Selective Cu	ıt		0	0	0		Mowing/Sh	rub Cuttin	g		0	0	0	
Mine (surface)	0	0	0		Tree Plantation			0	0	0		Trails				0	0	0	
Mine (underground)	0	0	0		Tree Canopy Herbi	vory		0	0	0		Soil Compa				0	0	0	
Military	0	0	0		Shrub Layer Brows (WILD OR DOMESTIC)	ed		0	0	0		Offroad veh		age		0	0	0	
Other:	0	0	0		Highly Grazed Gras	ses		0	0	0		Soil erosion		ND, WA	TER,	0	0	0	
Other:	0	0	0		Recently Burned Fo	orest	149	0	0	0		Other:	1			0	0	0	
Other:	0	0	0		Recently Burned G	rassla	nd	0	0	0		Other:				0	0	0	
		-	-		(BLACKENED)					-	1				1	_	_		

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

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

Buffer Sample Plots 05/27/2011

2428168304



• FO	RM	R-1	-(NIFE	FR SAMPLE PLOTS .	TAF	eGF.	TEL	O ALL	EN SPECIES (Back)			m/s	
Site ID:										Reviewed by	(initial):		
Confirm	Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble bubble if present - Plot 1 2 3 Flag Fill bubble if present - Plot 1 2 3 Flag Fill bubble if present - Plot 1 2 3 Flag rasian Watermilfoil 0 0 0 Purple Loosestrife 0 0 0 Johnson Grass 0 0 0 the rhyacinth 0 0 0 Knotweed 0 0 0 Knotweed Multiflora Rose 0 0 0 Idea Floating Heart 0 0 0 Japanese Knotweed 0 0 0 Multiflora Rose 0 0 0 Idea Floating Heart 0 0 0 Perennial Pepperweed 0 0 0 Common Buckthorn 0 0 0 Idea Floating Heart 0 0 0 Floating Heart 1 Floating													
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	100	+	-		Knotweed		-			Kudzu 6		1		
Yellow Floating Heart					Japanese Knotweed	IN THE				Multiflora Rose	•		0	
Giant Salvinia		-			Perennial Pepperweed	0		0		Common Buckforn	0	0	0	
Garlic Mustard	-	-			Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	-	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
ALL HER REPORTS	Ì	6	-			ĒŅ.				Other:	0	0	0	
			36		PLOT COORI	DINA	TES		AVIII.					
• AA CENTER ON	3	O S	3 :	O E3	2,9,9,6,9,	Lor	ngitu	de V			. b.			
Flag Comments		170									W.I.	П	- 115	
					TALL STATE OF THE		-	-				_		
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			18-11											
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		-			Q								-	×4.
Ut										10 10 10 10 10 10 10 10 10 10 10 10 10 1		100000		
									139					
Buffer Sample P	oints	- Tar	gete	d Alien	Species 05/27/2011					796	662	354	8	

•			Mil	9		Re	FOI	RM B-1:	BUFF	ER	SAI	MPL	ΕP	LO1	rs (F	ront)	1-8140	Reviewed by	/ (initial):	_ (0
Site I	D:	M.	S	12	15	5	PC	AP							DATE	: 0 b	113	12	. O.		2	
Locati	on:		46						Fill	l in b	ubb	le(s) if p	lot(s	s) coi	ald not be	sample	ed and	lag -	→		
OAAC	Center	•	N	0	S	O	≡ 0	W	OF	Plot 1	1	0	Plot	2	OF	Plot 3						
Fill in bubble Strata Section	es for all th	nat app	ply: Ca	enopy cover	Type:	D = C	eciduou for eac	s; E = Evergre	Buffer en. Leaf	Type: E	= Bn	oadlea	f, N =	Needle	e Leaf.	Absent: No tree	e canopy. %); 3 = Hea	vv (40-75%): 4 = \	erv H	eavv (>75%)
Buffer	Canop					bsen		Buffer	Canop		_) (osent		Buffer	Canopy) (Ť	sent	_
Plot 1	Lea	f Typ	e: 🌘) (Flag	Plot 2	Lea	af Typ	e: (N			Flag	Plot 3	Leaf	Туре: 🥊	<u>•</u>			Flag
Big Trees (>	0.3m DBH)	0	0	0		0		Big Trees (>	0.3m DBH)	0	0	2		0		Big Trees	(>0.3m DBH)	00	(2)		0	
mall Trees (<	0.3m DBH)	0	0	(2)	0			Small Trees (<0.3m DBH	0	0	2	0	0		Small Trees	(<0.3m DBH)	00	2		0	
Voody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0		0	0		Woody Shrub: (0.5m	s, Saplings -5m HIGH)		•	2	0	0			ıbs, Saplings im-5m HIGH)	0 0	0	0	0	
	.5m HIGH)	0		2	0	0		Woody Shrubs (<0	s, Saplings .5m HIGH)		•	(2)	0	0			bs, Saplings 0.5m HIGH)	00	0	0	0	
Herbs, F	orbs and Grasses	0	•	0	0	0		Herbs, F	orbs and Grasses		•	①	0	0		Herbs,	Forbs and Grasses	0 0	0	0	0	
Bare	ground	0		2	0	0		Bare	ground			(2)	0	<u> </u>		Bar	e ground	0 0	0	0	0	
Litt	ter, duff	0	0	0	0			Lit	ter, duff	0	X	①	0			L	itter, duff	00	2	0	0	
	Rock	•	0	0	0	0			Rock	O		2	0	0			Rock	0	0	0	0	
	Water	•	0	(2)	0	0			Water	0	0	2	0	0			Water	0 0	0	0	0	
	bmerged egetation	0	0	2	0	0			ibmerged egetation		0	2	3	0			Submerged Vegetation	0 0	0	0	0	
		ence	e/Ab	senc	e -	Confi	rm that				es p	resen	ce an	d an	unfilled	bubble indic	cates abse	nce by fil	ling thi	s bub	ble. (9
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling to Residential and Urban Stressors Hydrology Stressors Agricultural & Rural															ıral S	tres	sors					
ill bubble	l bubble if present - Plot 1 2 3 Fl							Fill bubble	if pres	ent - F	Plot	1	2	3	Flag	Fill bubble	if preser	t - Plot	1	2	3	Flag
Road - gra						Ditches, Cl				0	0	0	\$100.00 person of 20 person	Pasture/Ha	ıy		0	0	0			
Road - two	lane			0	0	0		Dike/Dam/		R Bed		0	0	0		Range			0	0	0	
Road - fou	ır lane			0	0	0		Water Leve	Order Commence	ol Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	t/Pavem	ent		0	0	0		Excavation	, Dredgi	ing		0	0	0		Fallow Field ROW CROP FIELD		RESTING	0	0	0	
Golf Cours	se		35	0	0	0		Fill/Spoil B				0	0	0		Fallow Field SHRUBS, TRE		ASS,	0	0	0	
Lawn/Park				0	0	0	8	Freshly De (UNVEGETAT		Sedim	ent	0	0	0		Nursery		alleri,	0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	Root Exp	osure		0	0	0		Dairy			0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	nimal Fee	ding	0	0	0	
Dumping				0	0	0		Point Sour	RSTORM			0	0	0		Rural Resid	dential		0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW		input		0	0	0		Gravel Pit			0	0	0	
Other:				0	0	0		Other:				0	0	0		Imigation			0	0	0	
Other:				0	0	0		Other:			-	10	0	0		Other:			0	0	0	
Indus	strial De	evelo	opme	ent S	tres	sors	3					1	labit	at/V	egeta	tion Stress	sors					
ill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if prese	ent - F	lot	1	2	3	Flag	Fill bubb	le if prese	ent - Plot	1	2	3	Fiag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se		0	0	0	
Gas Wells				0	0	0		Forest Selec	ctive Cut	t		0	0	0		Mowing/Shi	rub Cutting		0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta				0	0	0		Trails			0	0	0	
Mine (unde	erground)		0	0	0		Tree Canop (INSECT)	y Herbiv	огу		0	0	0		Soil Compa (ANIMAL OR H			0	0	0	
Military				0	0	0		Shrub Layer (WILD OR DOM		ed		0	0	•		Offroad veh	icle dama	ge	0	0	0	
Other:	ther: O O O				Highly Graz	ed Grass	ses		0	0	0		Soil erosion OR OVERUSE		D, WATER,	0	0	0				
Other: O O O				Recently Bu		rest		0	0	0		Other:			0	0	0					
Other: O O					Recently Bu	med Gr	asslar	ıd	0	0	0		Other:			0	0	0				
Flag codes: K = No measurement made, U = Suspect Explain all flags in												= mis	c. flag	s assi	igned b	y each field c	rew.	242	8168			
Bu	ıffer San	nple F	Plots	05,	/27/2		ain all f	ags in comm	ent sectio	on on t	ne ba	ICK OT	ınıs fo	m							1	

Site ID:					ER SAMPLE PLOTS -					Reviewed by	(initial):		
	1 800	100000 1111111111111111111111111111111	4	100	P CAP	unt?				absence by filling in this bubl	ole	et y	VAI	94
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	5	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		Perennial Repperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	I y Y
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
0						10			VIII	Other:	0	0	0	
C-MODERNICAS DAS	9	Section	5030	OKS/A	PLOT COOR	DIMA	TES	10.50						
Location of coordinate O AA CENTER N	es (c		se o		O W3 O Nearest pro					g and comment below)			Fla	ag
Latitude I	North	14	.1]. [9	Use Decimal Deg				Vest	0.8.1.7.9.5.8	7			
Flag Comments														
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		_	_	=	0 0									
	-	Ne.												
Buffer Sample P	lainte	Tas	ranto	d Alion	Species 05/27/2011					796	5662	354	8	•

			(20)	p(3)	83	1	FO	RM B-1:	BUFF	ER	SAI	MPL	ΕP	LOT	ΓS (F	ront)	1-Elim	Reviewed by	(initial)):	_ (•
Site	ID: _ /	W.	S i	12	ιS	_ F	CA	P							DATE	:06	113	12	0	12	2	
Locati	on:				K			Maral.	Fill	in b	ubb	le(s) if p	lot(s) coi	ıld not be	sample	ed and f	lag -	***		
OAAC	Center	С	N	0	S	0	E O	W	OF	Plot '	1	0	Plot	2	01	Plot 3						
								s; E = Evergre		Гуре: Е	B = Br	oadlea	f; N =	Needl	e Leaf.	Absent: No tre oderate(10-40		vy (40-75%); 4 = V	/ery H	eavy (>75%)
Buffer Plot 1	Canopy	у Тур f Тур	$\overline{}$	(N	+	bsen		Buffer Plot 2	Canop		$\overline{}$			osen		Buffer Plot 3	Canopy		(1)		sent	
Big Trees (>		1 =	e. ((a)			Flag			f Typ		(Flag			Type:		<u>'</u>		Flag
		$\overline{}$	0		0	0		Big Trees (=	0		0	<u>O</u>			(>0.3m DBH)	1212	0			
mall Trees (<		-		0		1		Small Trees (Woody Shrub		1	0	0	0	<u></u>	-	Small Trees Woody Shri	ubs, Saplings		0		<u> </u>	_
	5m HIGH)	0	0	9	0	0	-		-5m HIGH)	0	0	®	0	$\frac{\odot}{\odot}$		(0.5	im-5m HIGH) bs, Saplings	0 0	0	9	9	
(<0.	5m HIGH)	0	0		0	0		(<0).5m HIGH) Forbs and		<u>@</u>	0	0	<u>0</u>		(•	<0.5m HIGH)	00		0	0	
,	Grasses	0	0	0	•	0		Helbs, i	Grasses	0	0	0	0	<u> </u>		Helbs	Forbs and, Grasses	$\boxed{0}$		0	0	,
Bare	ground	0	0	0	0	0	ļ	Bare	ground	0	9	0	0	<u> </u>		Bai	re ground	$ \Theta $	9	0	0	
Litt	ter, duff	0	0		0	0		Li	tter, duff	0	0	0	0	<u> </u>		L	itter, duff.	\odot	0	0	<u> </u>	
	Rock	0		0	0	0			Rock	0		2	0	0			Rock	0	2	0	0	
	Water		0	2	(1)	0			Water		0	0	0	0			Water	0	0	0	0	
	bmerged egetation		0	2	0	0			ubmerged egetation		0	(2)	0	0			Submerged Vegetation		②	0	0	
Stress	or Pres	ence	e/Ab	send	e -	Confi	rm that	a filled data	bubble i	ndica	tes p	resen	ce an	d an	unfilled	bubble indi	cates abse	nce by fill	ing thi	s bub	ble.	0
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this Residential and Urban Stressors Hydrology Stressors Agricultural & Rural St															tres	sors						
ili bubble	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if preser	nt - Plot	1	2	3	Flag		
Road - gravel O			0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ay		0	0	0			
Road - gravel		Ō	0	0		Dike/Dam/		R Bed		0	0	0		Range		STREET	0	0	o			
Road - fou	ır lane	20 1		0	0	0		Water Lev		l Stru	cture	30727	0	0		Row Crops			0	0	0	
Parking Lo	t/Pavem	ent		0	0	0		Excavation	n, Dredgir	ng		0	0	0		Fallow Fiel		RESTING	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil B	anks			0	0	0		Fallow Fiel	d (OLD - GR	ASS,	0	0	0	
Lawn/Park	1 1 1 1 1	110	No.	0	0	0		Freshly De		Sedim	ent	0	0	0		Nursery			0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F		osure		0	0	•		Dairy			0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р	NE		0	0	0		Orchard			0	0	0	
Landfill		100	10	0	0	0		Inlets, Out	lets			0	0	0		Confined A	nimal Fee	ding	0	0	0	
Dumping				0	0	0	1	Point Sour		VATER	0	0	0	0		Rural Resi	dential		0	0	0	
Trash		14.50		0	0	0		Impervious (SHEETFLOW	surface	input		0	0	0		Gravel Pit			0	0	0	
Other:				0	0	0		Other:				0	0	0		Imigation			0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:			0	0	0	
Indus	strial De	evelo	opmo	ent S	Stres	sor	8						Habit	at/V	egeta	tion Stress	sors					
ill 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 - Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse		0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut		M.	0	0	0		Mowing/Sh	rub Cutting	,	0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta	tion	-		0	0	0		Trails	30. 250.02340		0	0	0	
Mine (surface) Mine (underground)				0	0	0		Tree Canop		огу		0	0	0		Soil Compa			0	0	0	
Military				0	0	0		(INSECT) Shrub Laye		d		0	0	0		(ANIMAL OR H		ne .	0	0	0	
Other:				1000				(WILD OR DON Highly Graz		ses						Soil erosion				10000		1
			-10	0	0	0		(OVERALL <3" Recently Bu	HIGH)		Militar Militar	0	0	0		OR OVERUSE		r Call	0	0	0	2
Other:				0	0	0		Canopy Recently Bu			nd	0	0	0		Other: re	cent tr	ee tall	0	0	0	1
Other:				0	0	0		(BLACKENED)				0	0	0		Other:			0	이	0	-
			щ			Exp		uspect meas lags in comm							igned b	y each field c	rew.	242	8168	304		
Bu	ıffer San	nple I	Plots	05,	/27/:	2011	100			Veril.											100	

• FC	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC	ALI	EN SPECIES (Back) Reviewed by	(initial	l):		
Site ID:	N	∕ S	12	215	PCAP	DAT	E: _6) k	21	13/2012				
● Confirm	a fille	ed da	ta bı	ubble i	ndicates presence and an unf	illed I	oubbl	e inc	licates	absence by filling in this bubl	ole		1 11.2	
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	•	0	•	
Giant Salvinia	0	0	0		Perennial Repperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
0										Other:	0	0	0	
			NE		PLOT COOR	DINA	TES		and the					
Location of coordinate O AA CENTER O N Latitude	3	o s	3	Q E3	O W3 O Nearest pra	Lor	ngitu	de V		o 8 1 . 7.9.4.0	.6.			
Flag Comments	1416													
	nΛ	754	111	OD	en because	0	r	000	2nf	- troe fall				
										righ Charo gro	2	nd)	
2 10000 000	,	· (CC	311	9100	at or remaining			`	110	Jan Course D. S				
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1. 3. 3. 1.	30				- 1120									
										704	5662	254	0	

Buffer Sample Points - Targeted Alien Species 05/27/2011

			N/A		8,1	ŭ.	FOI	RM B-1:	BUFF	ER	SAI	MPL	EP	LOT	rs (F	ront)	R	eviewe	ed by (i	nitial):			
Site	D: _r	U S	, F	21	5	P	CA	P							DATE	: 0 b	113	1	2.0) رو	ι 2	`	
Locati				1	10				Fill	in b	ubb	le(s) if p	lot(ıld not be							\neg
OAAC	Center	C	N	•	S	0	E 0	W	OP	lot	1	0	Plot	2	OF	Plot 3							
								s; E = Evergre		ype: E	3 = Bn	oadlea	f, N =	Needl	e Leaf. /	Absent: No tree oderate(10-409		ry (40-7	75%);	4 = V	ery He	eavy (>75%)
Buffer Plot 1	Canop	у Тур f Тур	_		4	bsen		Buffer Plot 2	Canopy		_) (osen		Buffer Plot 3	Canopy		=	(E)	Ab	sent	
Big Trees (>						0	Flag	111111		f Typ	()		0	<u></u>	Flag		Leaf (>0.3m DBH)	O (<u> </u>	\bigcirc	0	Flag
nall Trees (<		0	0	0)	0		Big Trees (>	_		0		0	$\frac{0}{0}$		Small Trees		$\stackrel{\smile}{=}$	$\stackrel{\smile}{=}$	3		0	
loody Shrubs	, Saplings	0	0		0	0	-	Woody Shrub	s, Saplings	0	-		0			Woody Shru	bs, Saplings	=	-+	3		0	
loody Shrubs		0		0	0	0		(0.5m Woody Shrub	-5m HIGH) s, Saplings	=	0	0	0	0		Woody Shru		_	=+	0	-	0	-
<u>_</u>	5m HIGH) orbs and	0	0		0	0			.5m HIGH) Forbs and	0	-		_				:0.5m HIGH) Forbs and	= +	= +		<u></u>	-	
Bara	Grasses ground	0	0	0	0	0		Porc	Grasses ground	0	0	0	0	$\frac{\odot}{\odot}$		Por	Grasses e ground	$\frac{\Theta}{\Theta}$		3	0	<u> </u>	
	ter, duff	0	0	0	0					$\stackrel{\smile}{\sim}$				0			itter, duff	$\stackrel{\smile}{=}$	-		-	0	
Litt	Rock	-	-	_				LII	ter, duff	0	0	0		2011	A12_71	L		<u> </u>				_	
	Water	0		② ②	<u>0</u>	0			Rock		0	0	0	$\frac{\odot}{\odot}$			Rock	\odot	_			의	
Su	bmerged	9	0	_	Ť	0		Sı	Water		0	0	0	$\frac{\odot}{\odot}$		5	Water Submerged	=	-	<u> </u>	9	9	
V	egetation		0	0	0	[⊙	41-4	V	egetation		0	0	0	<u> </u>	- C" - J	1	Vegetation		-	<u> </u>	<u> </u>	0	
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bu																							
I NEWSTRA	dential	Sept. 117	Maria de la compansión de La compansión de la compa				10 May 10		Hydrolo	-		T	T -		l		Agricultu		_	T	т	— т	
							Flag	Fill bubble		-700	Plot	1	2	3	Flag			t - Pic		1	2	3	Flag
	pad - gravel O O O					Ditches, Cl Dike/Dam/		T 2 9 1 6 1		0	0	0		Pasture/Ha	У		-	o	9	0	1		
		5 10		0	0	0		(IMPEDE FLO	W)			0	0	0		Range			_	의	9	9	
Road - fou Parking Lo		ont		0	0	0		Water Leve			Clure	1	0	0		Row Crops Fallow Field		ESTING	_	의	0	0	
Solf Cours		ient.		0	00	0	7522 1	Fill/Spoil B		ıy	View R	0	0	0		Fallow Field	D) `		-	0	0	0	
awn/Park	man and			0	0	0	4	Freshly De	posited S	Sedin	nent	0	0	0	Х	SHRUBS, TRE Nursery	ES)			0	0	0	
Suburban		tial		0	0	0		(UNVEGETAT Soil Loss/F	-	osure		0	0	0		Dairy				0	0	0	
Jrban/Mul				0	0	0		Wall/Ripra		-		0	0	0		Orchard				0	0	0	
andfill				0	0	0		Inlets, Out		M		0	0	0		Confined A	nimal Feed	ding	-	0	0	0	
Dumping		en i		0	0	0		Point Sour	ce/Pipe	VATER	*1	0	0	0		Rural Resid			_	o	0	0	
Frash			2 19	0	0	0		Impervious (SHEETFLOW	surface	input	9	0	0	0		Gravel Pit				o	0	0	
Other:		*		0	0	0		Other:			remeti.	0	0	0		Irrigation		h	_	o	o	0	
Other:				0	0	0		Other:				0	0	0		Other:				0	0	0	
Indus	strial Do	evel	opme	ent S	tres	sors	3						labii	at/V	egeta	tion Stress	ors						
ill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - F	Plot	1	2	3	Flag	Fill bubb	le if prese	nt - P	lot	1	2	3	Fiag
Dil Drilling				0	0	0	5,5 (06)	Forest Clea	r Cut			0	0	0	erte una	Herbicide U	se			0	0	0	
Sas Wells							Forest Sele	ctive Cut			0	0	0		Mowing/Shr	ub Cutting			0	0	0		
/line (surfa	ine (surface)							Tree Planta	tion			0	0	0		Trails				o	0	0	
/line (unde	ine (underground)							Tree Canop	y Herbivo	ory		0	0	0		Soil Compa	ction			0	0	0	
/lilitary				0	0	0	-10-5-0-1	Shrub Layer (WILD OR DOM		d		0	•	•		Offroad veh	and the same	je		0	0	0	
Other:				0	0	0		Highly Graz	ed Grass	es		0	0	0		Soil erosion		D, WAT		o	0	0	
Other:		Tinie		0	0	0		(OVERALL <3" Recently Bu		est		0	0	0		OR OVERUSE) Other:			_		0	0	
Other:	17-2-			0	0	0		Canopy Recently Bu	med Gra	sslar	nd	0	0	0		Other:	7.37				0	0	-
THE CASE	g codes:	K = 1	lo me			-	, U = S	(BLACKENED) uspect measi	ırement	F1,F2	2, etc.				igned b	y each field cr	ew.		_				7
	ffer San				/27/2	Expl		ags in comm										2	428	тод	4∪د		

FO	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC	ALII	EN SPECIES (Back) Reviewed by	(initial):		
Site ID:	m	s	13	215	PCAP	DAT	E: _C	٥ , لا	ر ا ر	13/2012				
• Confirm	a fille	ed da	ıta bı	ubble i	ndicates presence and an unf	illed l	oubbi	e ind	licates	absence by filling in this bubl	ble			
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	114
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	•	•	•	
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	- 9	Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other: 3	0	0	0	
9	87					9	CT I			Other:	0	0	0	
					PLOT COORI	DINA	TES							
Location of coordinate O AA CENTER O N Latitude i	3	• S	3	O E3	-9.8.3.4.	Lor	gitu	de V		g and comment below) 0,8,1,-2,9,5,5	.ک		Fla	ag
	THE OWNER				Use Decimal Deg	rees;	NAL	703				ACTEU		
Flag Comments			I											
			-											
				0.11			-							
							2702							
		- X-11					-							
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					© 6 G									
						Tall!	9590 E-		7.70					
			(40)		SINK SANTAKAN SA	38								
Buffer Sample P	oints	- Tar	rgete	d Alien	Species 05/27/2011					796	5662	354	8	

																	2 20000						
			(-11		dij	9-1	FOI	RM B-1:	BUFF	ER	SAI	MPL	ΕP	LOT	S (F	ront)		Review	ved by	(initial)):	_ (•
Site I	D: _/	45	121	51	00	AP									DATE	6		3.1	2	0.	1	2	
Location	on:		hij.		Phi				Fill	in b	ubb	le(s) if p	lot(s	s) cou	ld not be	sample	ed a	nd fl	ag -			
OAAC	Center	С	N	0	S	01	E 0	W	OP				Plot	-		lot 3		88					
Eill in hubble	on for all th	not no	nlv: Cr	20004	Tumo	D = E)ooiduou	s; E = Evergree	Buffer							heart: No tree	canony						
Strata Section	on: Fill in a	abblob	priy. Ca	cover	class I	oubble	of for each	h strata type for	each plo	t. 0 = .	Abser	nt, 1 =	Sparse	(<10%	6); 2=M	oderate(10-40	%), 3 = Hea	avy (40	-75%)	; 4 = V	ery H	eavy (>75%)
Buffer	Canopy	у Тур	e: 🍯) (IA (osen	t: O	Buffer	Canopy	/ Тур	e: () () At	sent	: O	Buffer	Canopy	/ Тур	e: 🝘	(E)	Ab	sent	: O
Plot 1	Lea	f Тур	e: 🌘) (Flag	Plot 2	Lea	f Тур	e: 🌘) ()		Flag	Plot 3	Leat	Туре	e: ((4))		Flag
Big Trees (>	0.3m DBH)	0	0	3		0		Big Trees (>0	.3m DBH)	0	0	(2)	0			Big Trees	(>0.3m DBH)	0	0	(2)	1	6	
Small Trees (<	:0.3m DBH)	0	0	2	0			Smail Trees (<	0.3m DBH)	0	0	(2)	3	(Small Trees	(<0.3m DBH	0	0	2	0	@	
Woody Shrubs (0.5m-	s, Saplings 5m HIGH)	0	0		0	0		Woody Shrubs, (0.5m-	Saplings 5m HIGH)	0	0	2		0			ibs, Saplings m-5m HIGH)		0	()	0	0	
Woody Shrubs (<0.	, Saplings .5m HIGH)	0	•	0	0	0		Woody Shrubs, (<0.5	Saplings 5m HIGH)	(4)	0	2	0	0		Woody Shru (<	bs, Saplings :0.5m HIGH)	0	@	0	0	0	
	orbs and Grasses	0	(0	0	0		Herbs, Fo	orbs and Grasses	0	(2	0	<u> </u>		Herbs,	Forbs and Grasses	0	(0	①	0	
	ground	0	(2	0	0			ground	0	0	(2)	0	0		Bar	e ground	0	((2)	0	0	
Litt	ter, duff	0	0	2	0	(Litt	er, duff	0	0	0	0			L	itter, duff	0	0	0	(0	
	Rock	Ø	@	2	0	0			Rock	(0	0	0	0			Rock	(a)	0	0	0	0	
	Water	1	0	(2)	0	0			Water	@	0	3	0	0			Water	@	0	0	0	0	
	ibmerged egetation	(0	0			merged egetation	(1)	0	(2)	0	0			Submerged Vegetation	6	0	0	0	0			
			e/Ab	send	:e - (Confi	rm that	a filled data l		ndica	tes p	resen	ce an	d an	unfilled				by filli	ng thi	s bub	ble.	•
Resi	dential	and	Urba	an S	tress	sors		Н	lydrolo	gy S	tres	sors	11.4		104	The state	Agricult	ural a	& Ru	ral S	tres	sors	
Fill bubble	if prese	ent - i	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - Pl	lot	1	2	3	Flag
Road - gra	vel	File	I I	0	0	0	A	Ditches, Ch	anneliza	ition		0	0	0		Pasture/Ha	ıy			0	0	0	
Road - two	lane			0	0	0		Dike/Dam/R		Bed	W.	0	0	0		Range				0	0	0	
Road - fou	ır lane			0	0	0		Water Leve	70	l Stru	cture	0	0	0		Row Crops				0	0	0	
Parking Lo	ot/Pavem	ent		0	0	0		Excavation,	Dredgin	ng		0	0	0	, St	Fallow Field	D)		NG	0	0	0	
Golf Cours	se		debudo.	0	0	0		Fill/Spoil Ba				0	0	0		Fallow Field SHRUBS, TRE		ASS,	W. T	0	0	0	
Lawn/Park		ijij.		0	0	0		Freshly Dep (UNVEGETATE		Sedin	nent	0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/R	oot Expo	sure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Riprap				0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Outle				0	0	0		Confined A		eding		0	0	0	
Dumping		5 1		0	0	0		Point Sourc	STORM			0	0	0		Rural Resid	dential			0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW)		iriput		0	0	0		Gravel Pit				0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation				0	0	0	
Other:		4 - 1/4		0	0	0	- 1	Other:		-	1740	0	0	0		Other:				0	0	0	4
Indus	strial D	evel	opm	ent S	Stres	sor	8						Habit	at/V	egeta	tion Stress	ors						
Fiil bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble i	f preser	nt - F	Plot	1	2	3	Flag	Fill bubb	le if pres	ent -	Plot	1	2	3	Flag
Oil Drilling O O O							Forest Clear	Cut			0	0	0		Herbicide U	se			0	0	0		
Gas Wells O O O							Forest Selec	tive Cut			0	0	0		Mowing/Shi	rub Cuttin	g		0	0	0		
Mine (surface)							Tree Plantati				0	0	0		Trails				0	0	0		
Mine (unde	erground) .		0	0	0		Tree Canopy (INSECT)	Herbivo	ory		0	0	0		Soil Compa (ANIMAL OR H				0	0	0	
Military				0	0	0		Shrub Layer (WILD OR DOME	STIC)			0	0	0		Offroad veh		_	17.2	0	0	0	
Other:			1	0	0	0		Highly Graze (OVERALL <3" H	IIGH)			0	0	0		Soil erosion		ND, WA	ATER,	0	0	0	
Other:				0	0	0		Recently Bur Canopy	ned For	est		0	0	0		Other:				0	0	0	
Other:		il kateu		0	0	0		Recently Bur	ned Gra	sslar	nd	0	0	0		Other:				0	0	0	
Fla	ag codes:	K = N	Vo me	1		made	, U = S	uspect measu	rement.,	F1,F2	2, etc.	= mis	c. flag	s ass	igned b	y each field c	rew.		242	3168	3304	17	

Buffer Sample Plots 05/27/2011



											EN SPECIES (Back) Reviewed by	(initia	ı):		
Site ID:	N	15 1	12	15 P	CAP	-	DAT) , (ے او	13/2012	JK.	789		
O Confirm	a fille	ed da	ta bı	ubble ii	ndicates presence and as	n unfi	illed I	oubbl	e inc	dicates	absence by filling in this bubl	ole			
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present -	Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife		0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed		0	0	0	_==	Kudzu	0	0	0	113
Yellow Floating Heart	0	0	0		Japanese Knotweed		0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	CA.	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	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed		0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge		0	0	0		Other:	0	0	0	
	W.										Other:	0	0	0	
				1	PLOT CO	ORI	DINA	TES		Self S			1818	18	
either placed as close to the Location of coordinate	in it was early		U D		sible or at the center of the	e last	acce	ssible	Buff	er Plot.		708 708		Fla	ıg
O AA CENTER O N		O S		O E3	W3 O Neares	t pra	ctical	ole lo	catio	on (flag	g and comment below)				
Latitude i	Norti	1 4	1	1.2	-9.9.3.8.		Lon	gitu	de V	Vest	0.8.1.7.9.7.2	9			
					Use Decimal	Degi				_					
Flag Comments		Ty.													
				-			20, 102	2,503	(Explana)						
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			-												
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			_		- FIREST		×		1 11						pl Vi
					415 15 15	110									
Buffer Sample P	oints	- Tar	gete	d Alien	Species 05/27/2011						796	662	354	8	•