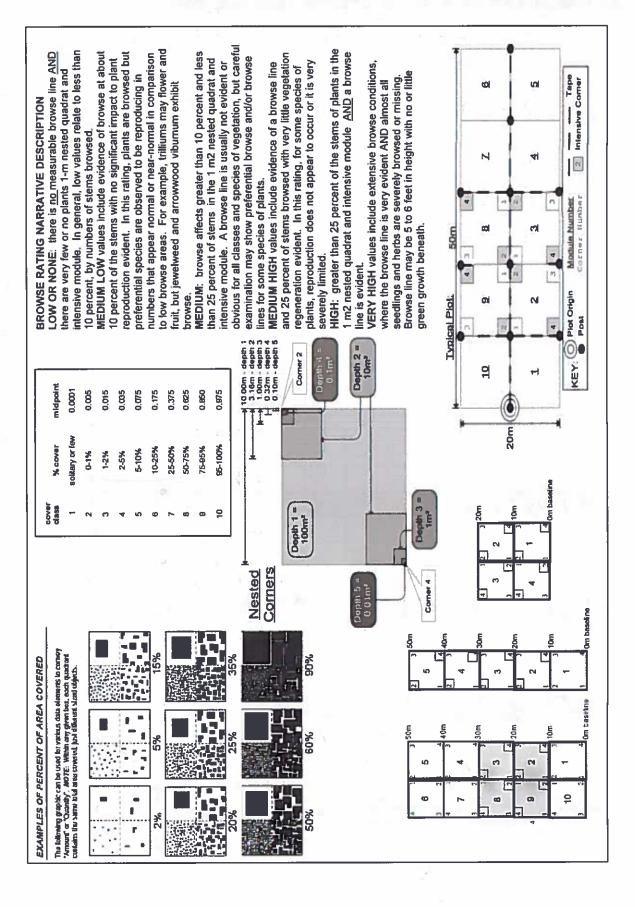
CLEVELAND MET	ROPARKS Plant Community Asses	sment Prog	ram: '	Quality Control Form Gleveland Metroparks
Project Label:	PCAP	P)	ot No:	1136 Date Sampled: 8-13-15 Lead: 450
			_	Comment required if item answer is NO
	de of Park Boundaries:		N	If yes, write details in Comments section below
Field journals comple			N	
Site sketch made on 1		1 2 1	N	
Check cover page	X-axis Bearing of plot recorded		N	
	GPS coords. Recorded		N	
	North direction recorded		N	
	Photographs taken?		N	
	Relocated Pins Mapped		N	
Plot No., Date agreen	ent on all pages?		N	
Header data complete	d all pages?		N	
Cover classes recorde	d in all Intensive modules		N	
Browse Level By Spe	cies		N	
Woody stem quality o	ontrol check		N	Check every line and cross check with the Tree Cover Sheet
invasive plant quality	control check	N O	N	
Ash trees mapped		Y	N	<i>N</i> A
Completed Forest Pes	t/Pathogen Datasheet		N	377
Cover by Strata? (con	firm cover type)	8	N	
Soil samples collected	with matching plot #.		N	
Pross check 2010 info	ormation		N	Highlight any changes from 2010 information
Vouchers labeled on o	datasheet with initials and number	Y	N	N/A
Vouchers labeled on o	collection bag		N	NIA
Pink flags removed		D	N	-/-
Data sheet QA before	leaving site?	W	N	
Common equipment :	returned to tub.	Y	N	3.000
Data sheets scanned?				Enter date to left
inal data sheets scan	ned?			Enter date to left
Buffer Widths measu	red?	Y	N .	
Web Soil Survey		Y	N	
Voucher Location	Refrigerator	Y	N	
# vouchers collected)	Press (#)	1		Enter number to left
•	Drier	Y	N	
	Identified	_	N	
	Mounted	<u> </u>	N	
	Thrown away	1	N	
	Tatto via away	· ·		
CDTS	Alama da manada a da d	-		
	tion: 1s plot sampleable?	.		
¥ Yes	Original GRTS point is sampleable			
□ No	Original GRTS point lands in a non-	Mary Lab	ırea (fi	ll in category below)
4	Point falls in a water (i.e. river, land) Managed mowed area (i.e. golf of the control		المثار وس	r of unit
	Paved area (i.e. parkinglot, road)	course, piernie â	rca. Ngi	n-ur-way)
	Unsafe to sample (i.e. steep slope)	,	
	D Other		400	
Additional Commen	ts:			

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	d Data Sheet Page 1 of 2
OH County:	1
ingle: (by the him) S	
Names: St Creak Landfill	3 4 3
	#10 #9
Data Confidentiality:	1 100 100 100 100 100 100 100 100 100 1
Check one: Wublic data U Private Data	12
□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	1
Reason:	Doloronian C DS location Photo taken
If data not public why?	Key (0,0) point point with direction permanent posts
	NOTES: Include Layout (any unusual shape details), Location (directions and landscape content) Radionale (why here) and Vee Charlesterization (description of community
Coordinate system: Coord, Units	dominants, strata, BROWSE). Additional notes in space on back.
■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	Lawart. 2x5 All pins force
□ Other (specify)	
Datum: ■ NAD83/WGS84 □ NAD27	Location: from Blueburd pet take ATT along
GPS location in plot x=0 to 5, y=-1,0,+1):	eastern reduce of the land fill Time
x = 0 $y = 0$ (base of plot $x=0$, $y=0$)	ment and whom that them and the
Latitude: 41 38466	
Longitude: 81 69235	up slope to part.
Coord. Accuracy: wm a ft +-3	Retironal Costs at more made
GPS File Name: 1/36 A	The contract of the property of the contract o
Plot size for cover data: O. (hectares)	Van Crew:
of plot:	1 6 1 19 11 11 11 1 1 1 1 1 1 1 1 1 1 1
Denth: (1-5): 4	Canalas unitalical Black Out in
Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)	"O Ked Maple and Black Com
Camera No. (2)	
Photo Nos.: (2-4602	White Red Maple Kingla Service ben
Plot placement: yGRTS a Representative	
a Random a Stratified Random a Transect component	Herb. Von de
□ Systematic (grid) □ Capture specific feature □ Other	in the collaboration
*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	70
1aCM PCAP Background Data Sheet Page 1_ver 3.0.xls last revised 5/29/2012 ceh	Natural Resources Mangement FORM NR/2010-01a
	ILOCATION State: OH County: Church State: OH Coordinates on MAP GPS Check one: Aublic data o Private Data Fluzz 100m of Fuzz 250m of Fuzz 500m Reason: If data not public why? Source of coordinates on MAP GPS Coordinate system: Coord. Units Landowner: MAP GPS Coordinate system: Coord. Units Landowner: MAP GPS Coord. Accuracy: of m of n Datum: NAD83/WGS84 on NAD27 GPS location in plot x=0 to 5, y=-1,0,+1): x = O y = O (base of plot x=0, y=0) Lantitude: Al 384 G Plot size for cover data: O (base of plot: Upd o Lantitude: Al 384 G Plot size for cover data: O (base of plot: Upd o Conner No. Stratified Random of Transect component of Stratified Random of Transect component of Systematic (grid) of Capture specific feature of Other obstrations and values in CM PCAP FOM v. 1.0 and of the control

Br = Browse Level. Use of Cleveland describe amount of browse antire plot Strata - Cov. entire p	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet Project Label: PCAP Project name: 02W(20)5 Intensive modules: H Plot configu	nent Program Species Project name:(intensive modules:	COLUX (20) S H Plot conf	Plot no.:	11.36	Page /	0 0
		I					11.
		ᆀ	d corner mod comer	mod comer mod	corner	d corner mod corner	
	ALCH CHIMPING IN CASE		4 2	6	N T	4 6 3	4
	Br = Browse Level. Use cover classes to	%open water	depth cov depth cov	1 COV depth	O Depth Day	depth cav depth cav	depth cav depth
Moss sp. Mussa sh. Prunus shrous sp. Acer sp. Ac	entire plot	%unvegetated open water	0 (0(00	9 6	
Moss sp. Nyss sh. Prunus suro Prunus suro Prunus suro Prunus suro Prunus suro Prunus suro Acer sp. Vitts sp. Acer sp. Acer sp. Vitts sp. Acer sp. A		%unveg. ground (bare soil)	יי	1 2	- - -	200	
H (F)(A)(B) (Moss sp. A (Moss		%unveg. litter (bare litter)	1	19	1 4	1 4	
De Mysse sa Repros Saro De Mysse saro De Marcus saro De Sassas accordenche De Marcus sp. De Marcus sp.	Species	c Voucher# de	depth cov depth cov	depth cov depth	cov depth cov de		depth cav depth
De Nyssa SM Primits Spiro De Minitax Co De Sassastass De Sassastass De Sassastass De Sassastass De Marer Sp. De Cara Core De Cara Core De Cara Core	8	-	2		7	θ	
2 Connus sura 2 Connus sura 2 Connus sura 2 Acer sp. (2	Shivatica		7			4	נא
2 6 Avercus sp. 5 72 Sassafrass 2 Acer sp. 2 Acer rubru 2 Mills sp. 4 Liriodenchi 1 Liriodenchi 2 Maccinium 2 Villescinium 3 Vicacinium 4 Annelanchi 5 Facus sp. 6 Annelanchi 1 Annelanchi 2 Cara cor	Serotina	(*)	3 2 3	4 2 3	上口口:3	ย	2
2 Acer sp. (2) 2 Acer sp. (2) 2 Acer sp. (2) 2 Acer sp. (2) 3 Amelanchi 1 Liriodandi 2 Marina sp. (2) 2 Mahas sp. (2) 3 Analanchi 2 Mahas sp. (2) 4 Analanchi 2 Mahas sp. (2) 6 Analanchi 2 Mahas sp. (2)	is so (specifica)		3 2 2		200		ىع
2 Sassafices 2 Acer sp. 2 NHIS Sp. 2 NHIS Sp. 2 Namelanchi 1 Liriodenti 2 Monotropa 2 Naccinium 2 Naccinium 3 Naccinium 4 Nacus sp. 6 Anabus sp.	Cotun		٨	7 3 4	7	2 4	S
Acer sp. (2) Acer rubri Acer rubri Acer rubri Acer rubri Amelanchi I Liciodendi Carex sp. Monotropa Mascinium Ahamais Facus sp. Ahamais Rubus sp. Cana cor	3		2	22	-	ע	W.
2 Amelanchi Liciodandi Liciodandi Liciodandi Liciodandi Liciodandi Liciodandi Liciodandi Liciodandi Amenatropa	W.	L)	_		22	ر د	L)
Acer rubri	_		ي ا				
2 Recigional Carex Sp. Carea Sp. Care Core	rubrum U		UT.	5 4 5	141	6	2
1 Carax sp. 2 Monotropa 2 Mascinium Ababas sp. (Anna cor	ichiler sp.			241		_	
1 Carax sp. 2 Vicecia in montropa 1 Vicecia in montropa 1 Anaman 1 Anaman Cana cor Cana cor	andren tulipitara						
1 Monetrope Querinium Querinium Tacus grad 1 Anahous sp Cana cor		`					
1 Vaccinium Augus star Anamous sp Cana cor	opa unitions]]		70
1 Chamay spa	Maribal Art Surg					ート	
1 Chamais Ribus sp (and co							1
	«Ib-	pallidum	`				5
4 9 1 1 1	andiflore						
	s elbs						
l l	s elbe						
	s elbs						
	s elbs						
	s elbs						
	s elbs						
	s elbs						



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

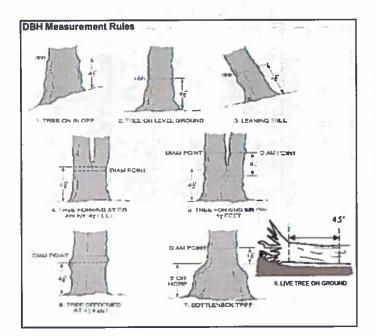
PCAP Project name: OLUCZÓS Plot no: 1/36 Prensence of tree med med med med med med med med med m	Not no.: 1/34	Project name: Prensence of tree m species (X) Prensence of tree m species (X) Prince c Voucher # April 20 April 20 April 30 April												 3 11/18	4 Ostano			3 Amelia) 9 Prunu	9 Aur	6 8. Novirous	7 9 COURTUS	Br	% COVER Strata - Cov. entire plot	Project Label:
Project name: CTWCZOS Plot no.: 1134	Not no.: 1/34	Not no.: 1/34												0,<	1	s Valuations	2.	nehlur Sp.			-			Species		PCAP
Project name: OTWCZOS Plot no.: 1/34 Prensence of tree med med med med R species (X) 3 8 9 R Voucher # X X X X X X X X X X X X X X X X X X	Not no.: 1/34	Not no.: 1/3C	\perp	1	9.0	1	303	E 1		5000	200		3 3				^							ဂ		
The state of the s	Not no.: 1/34	Not no.: 1/34										ì												Voucher #	Prensence of tree species (X)	Project name
WCZOS Plot no.: 1/34 X X X X X X X X X X X X X X X X X X X	Not no.: 1/34	Not no.: 1/34						Ħ				ā								1	×	X	×		S €	102
Plot no.: 1/34	Not no.: 1/34	Not no.: 1/34			-		 		Ē	=}											ΥÜ	X	×		- 13	, wc
Plot no.: 1/3C	Not no.: 1/34	Not no.: 1/34			- 55	1											X	X	×	^ ン	V	X	X			150
MR. 1136				T	Ť	1							5	×	X	×	(flore)	-	e de la constante de la consta	×	X	X	×			Plo
															MES											no.: 1134

no.:																	
Plot no.:	$\ \Gamma \ $	~ ~															
Shee		Pont								04				I			
Data		POE															
ver E	ŧБ	pou			U			may year									
မ ပိ	1 🗀	pou															
ent Program Tre Project name:		Prensence of tree species (X)	Voucher #				**		× .								
ESS			ပ														
CLEVELAND METROPARKS Plant Community Assessment Program Tree Cover Data Sheet Project Label: Project Label:			Species														
CLEVELAND METRO Project Label:		% COVER Strata - Cov. entire plot	T Br														

Page of

* to be rechecked	mod #	Smilax rotundifolia Acer rubrum Quercus nubra Prupus serotina Prupus serotina STANDINIA DEAD Nyssa sylvatica Quercus Velutina Quercus Sp.	voucher#	0-1.4m browsed s	sample of	hrub	6.47	ŽŅ is	25-45	5-<10	5 10 - <15	15 - <20	20 <25	25 - <30	30 - 435	35 - <40	>40 (record each tree)	
		Overcus sp. Sossafins abjudum		10000000														
	on on or	STANDING DEAD Quercus rubra		•					× :				×	,	100			
111	مه مع مع	Nyssa Sylvatica															53.0	
1.1	10000	Overcus Sp. Prunus Sarptina		9 9 9							. 5	- 4			125			
	ين بن	Acer rubrum Amelonchiarse									•	• •	•		٠		41.9	1909
11	50	STANDING DEAD									0 ,		•					
1 4	0)	Smilax rotundifolia						•	•			×						
1	<u>r</u>	STANDING DEPO						i	•	• •		×						

Acer rubrum



Woody Stem Deer Browse

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

Record using the tally system from 1 to

10













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.
- 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.

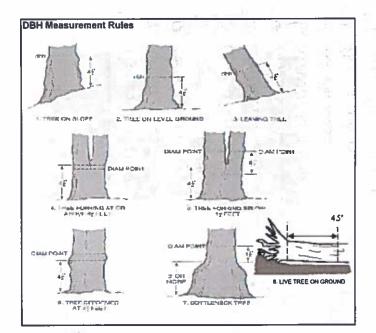
CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP Project Name: 03.00.2015 Plot No.: 11.30

Page:

Reveland Metroparks

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# sterrs	% sub #	size class (cm) woody stems >1.4m	voody stems >1.	m				
mod # species c	voucher# browsed	C 10		5 2.5<5	10-5	15 15 - <20 2	70 +<25 25 - <30	30 - <35	10 11 15 25 25 26 26 26 26 26 26 26 26 26 26 26 26 26
Prunus Sentina	_	$\overline{}$		(-)			_		
	310		• •						
5 Ager rubrum				Pag-1	::			0	
/ .	80			•	•				
5 Ostrua Virginiana	-	*			•				
		•							
6 Apr Norm					0	0			16
LO STANDING DEAD	# 8			:1	•				
6 NoBRIMSE	di								
7 Acer rubrum				e e		6			
7 STANDING DEAD				0					
7 Prunus serotina				•		t			
				0					
100				0					
7 Smilax rotundifuia	8			5				4	
8 Overcus 01 ba									45.8
_					0 0	•		٠	40.3
				• •	•				
					7	e			
Smilay rotundifolia	يو								
			•						
9 Smiles condition	0	L	Marian Control of the						
9 Acer rubnim	ىلا			•					
9 Nussa Sulviation	ہو			i					



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.
- Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- 5. Dead canopy: No leaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



В

C

D

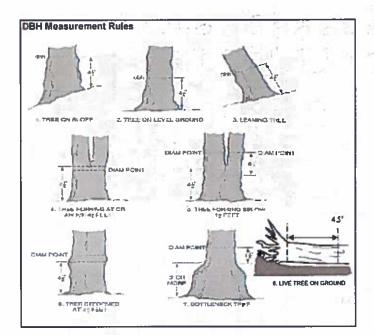
Ε

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.

ō CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet 0 10 thous granditalia Acer rubrum Dimilax rotundifolia Overcus Velunting STANDING DEAD Wercus Nubra Sassafias albidum Explain subsample (additional room on back): Sussafrass albidum Quercus alba Sassafras albidum Myssa sylvatica Prurus Serotina locanium pullidum Quercus rubra species Project Label: PCAP voucher# 0-1.4m Q W Sterns ىھ W or super % sub Project Name: Da WC 2015 shrub Ħ size class (cm) woody stems >1.4m <u>የ</u> 1-<2.5 e G 2.5-<5 Plot No.: 1136 5×10 4 10 - <15 15 - <20 0 20-<25 Page: 25 - <30 30 - <35 W geveland Metroparks 35 - <40 5 44. >40 (record each tree) = Charle Lines.



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.
- Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- 5. Dead canopy: No leaves remain in the canopy portion of the tree, It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



В

C

D

E

ASH CANOPY BREAKUP CONDITION (for dead trees):

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

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

If Ash Condition scores 5 (dead) provide breakup score (A-E)
 Count EAB exit holes 1.25m2 x 21.5m
 Woodpecker and epicormic marked present (1) or absent (0)

CLEVELAND METROPARKS Emerald Ash Borer - Fraxinus Sheet Project Label: PCAP Project Name: 02 WC 2015

Page: 1 of 2

		N																						Module
ม	24	23	22	21	20	19	-	17	16	15	14	13	12	=	5	0	00	7	œ.	CI	ω	2	-	Tree
																							NONE	Species
																								Dead
	10																							n
																								Voucher#
														100										(cm) HBC
_																								B 등
																								Ash 'Dead condition
														i										_
				:									Ì	1										noles
				3												VI I								# Exit Epicarmic holes present
																			8					Woodpecker

*** Change intensive module numbers when necessary

•

co

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

N

u

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey Cleveland Metroparks GPS Tier 1: Early detection/ Rapid response Presence Presence NE 5W NW SE X: yes Microstegium vimineum Japanese stiltgrass Ranunculus ficaria Lesser Celandine Black Swallow-wort (vine) Cynanchum Iouiseae (wetland) Flowering Rush Butomus umbellatus Heracleum mantegazzianum Giant Hogweed Tier 2: Assess as Needed # of Plants comments # of Plants NE NW SE SW 1-10 Acer platanoides Norway Maple 2: 11-50. Tree of Heaven Ailanthus altissima 3: 51-100 (vine) Japanese Honeysuckle Lonicera japonica 4: 101-1,000 Lythrum salicaria (wetland) | Purple Loosestrife 5: >1,000 Aegopodium podagraria (G-cover) Bishop's Goutweed Celastrus orbiculatus (vine) Asian Bittersweet Hedgeparslev Torilis sp. Poison Hemlock Conium maculatum Rhamnus cathartica Common Buckthorn (shrub) (shrub) Berberis thunbergii Japanese Barberry European Alder Alnus glutinosa **Cut-leaf Teasel** Dipsacus laciniatus **Autumn Olive** (shrub) Elaeagnus umbellata Amur Honeysuckle (shrub) Lonicera maackii Wintercreeper **Euonymus fortunei** # of Plants Tier 3: Presence is of Interest comments # of Plants NE SE SW NW 1: 1-10 Convallaria majalis (G-cover) Lily of the Valley 2: 11-50. (G-cover) Crown Vetch Coronilla varia 3: 51-100 Eleutherococcus pentaphyllus Five-leaf Aralia (shrub) 4: 101-1,000 Pachysandra terminalis (G-cover) Japanese Pachysandra 5: >1,000 (shrub) Philadelphus coronarius Mock Orange 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)

Viburnum plicatum	Doublefile Viburnum (shrub)					
Tier 4: Widespread	and abundant		Pre	sence	3 8	comments
		NE	SE	SW	NW	
Alliaria petiolata	Garlic Mustard					
Ligustrum vulgare	Common Privet (shrub)					
L. morrowii, L. tatarica	Bush Honeysuckles (shrub)					
Phalaris arundinacea	Reed Canarygrass					
Phragmites australis (wetland)	Phragmites					<u></u>
Polygonum cuspidatum	Japanese Knotweed					
Frangula alnus	Glossy Buckthorn (shrub)		11			
Rosa multiflora	Multiflora Rose (shrub)		<u> </u>			
Typha angustifolia, T. x.glauca	Cattails (wetland)					<u>.</u>
Cirsium arvense	Canada thistle					
Dipsacus fullonum	Common Teasel		<u> </u>			
Hesperis matronalis	Dame's Rocket					
Vinca minor (G-cover)	Periwinkle					

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

of Plants
1: 1-10
2: 11-50.
3: 51-100
4: 101-1,000
5: >1,000

Project Label:	PCAP	Project Label: PCAP Project Name: 02 WC 2015 Plot No.:	Projec	t Name: (Project Name: <u>02.WC 30</u> 15	200	<u>0</u>	Plot No.:	13	0	Page:	Dievela	Of Of
			size class (cm) woody stems >1m	m) woody	stems >1m								
mod # species	voucher#	shrub	<u>Z</u> -	2 1-<2.5	3 2.5≺5	5<10 1	5 10 - <15	15 - <20	7 20 - <25	25 -<30	9 30 - <35	10 35 - <40	11 >40 (record each tree)
LONG												_	
ယ				٠								_	
4													
O1			,										
6													
7													
8													
9													
10													
* IF EVIDENCE OF PEST OR PATHOGEN RECORD TOTAL SPECIES POPULATION IN THE PLOT EVEN	ATHOGEN RI	ECORD TOT	AL SPECI	ES POP	ULATIO	N THE	EPLOT		THE NOT INFECTED	EC _	TED		
Strata	# of stem 8 infected (1	Severity (H,M, or L)		* Write N	* Write None Present if no evidence:	sent if n	o evider	Ce.					
Tree (size class 3 or above)	S 3185			NONE	NONE RESEACH (Fungus)	W (F	ungus)	7	NONE		Asian Lo	Asian Longhorned Beetle	d Beetle
Shrub (size class 2 or below including shrub clumps)						Hemlock (HWA)	(AWA)				Other P	Other Pest or Pathogen	thogen
						Walnut (Thousand Canker)	Thousan	d Canke	Š				
Severity			5										
High = more than 50% of leaf/needle cover exhibiting symptoms	eedle cover e	xhibiting sym	ptoms										
Low = Only a few leaves or branches are exhibiting symptoms	nches are ext	ir exhibiting s	ymptoms	è									

STANDING BIOMASS (required for emergent wetlands) collected in II. Im clip plots (32x32 cm) from corners 1 and 3 in each intensive module. Required for VIBI-E score calculation. C7=check when CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface
Project Label: PCAP Project Name: 02 WC 2015 odula # ollocied ន

CLASSIFICATION		
OTT = swelket, g Fit and Confidence		
Hrdroecomernhic class (WETLANDS ONLY):		
DEPRESSION	F0*	Conf
O IMPOUNDMENT O Beaver O Human		Conf=
o RIVERINE o Headwater o Mainstern o Charace	Į.	ConJ*
© SLOPE (ground water hydrology or on a physical sloph	Fig.	Conf
o FRINGING o Reservoir o Natural Lake	Fig	Conf=
ti COASTAL (specify subclass)	Fig	Conf-
BOG (strongly, moderately, weekly ombrotrophic)	Fit=	Conf=
Ohio EPA VIBI Plant Community Class (WETLANDS ON LY):	TYLING	
a FOREST a swamp forest a boy forest a forest seep	-F	Conf=
o EMERGENT o marsh o wet meadow o open bog	1	Conf.
a SHRUB a shrub swamp a tall sh. bog a tall sh fen	Fil=	Conf=

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

onks for microhabitat features. Selections or selections and everage the score.NOTE: If mod talk 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 sleepness that can be safely sampled -45*

feature is obsert or functionally absent from the wetland

liope 1 = slight elevational grade across module (hill)

- teature 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

	0	×	ند	بو	medd	-				21
					COUNCY		1			
	0	0	0	0	(tount)	lxim	depth 3	-	tussocks	no. of
	0	0	0	0	(count)	3,16x3,16m	depth 2	uplands (Tip-Ups)	hummocks	no. of
		0	0	0	(count)	10x l bm	depth 1		depressions	no, macro.
	O.	0	14	رو	(count)	10x10m	depth t		(2-12 cm)	ewd
	0	1	0	0	(count)	18% 10m	depth 1		(12-40cm)	c.w.d
+	0	0	0	0	(count)	10x 10m	depth 1		>40 cm	g.w.d
	2	ى	2	7	(rank)	10x 10m	depth 1		interspera.	microhab.
	7	2	2	S)	(meth)	10%10m	SLOPE			microhab,

@ Clevel and States party Page: 1 of 1

1	
	O
_	_00.
1	
1	CO
1	2
1	6
	12
1	
1	

П

McNAB INDICES (degrees) + for up - for down

+3 LS degrees	+270 degrees	+225 degrees	+180 degrees	+135 degrees	+90 degrees	+45 degrees	l Al &		
g desi	2	ig.	groes	rees	ā	Tocs	At aspect		
WW	€	WS	s	SE	(E)	NE NE	z		
								LFI!•	1
								"*ISI"	
	dway.	e) e of person	recorders eye to	TSI measure	angles formed by	honzon TSI is	LFI is angle of		

^{*}Landtorm index (position within landscape)
** Terrain Shape Index (site microtopographic shape)

8	3	Ç
corresionding space. (4 dots per grid square)	eadings per module facing N. S. E. W Place dot count in	CROWN COVER (DENSIOMETER): Make a
dig	per :	2
ş	TDOCT!	ě
70	100	٥
dota	Pur.	S
X	ķ	QM.
gida	Ę W	213
quar	PI	5
೨	ace d	all le
	200	*
	g	

9	00	tu	2	Medule	Serre access access
0	0	-	-	z	conscionating space. (4 does bet Bits selected
~	0	7	0	sn.	ca guo aquan
7	-	0	2	m	
W	-	0	_	ŧ	ľ

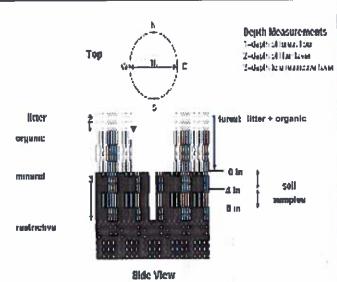
COVER BY STRATA

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

Very tall shrubs are sometimes included in the tree stratum

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

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



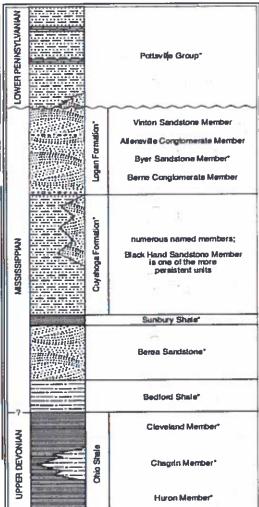


FIGURE 3-20.—Generalized section of Upper Devenias, Miniscippian, and Lower Pennsylvanian formations in northeastern Ohio Asteriaks indicate units that are fessible tous. This composite section represents about 400 meters of rick exposed across the area. The section is not to acide, but the thickness indicated are proportional. The term "Waverly is used in the older literature to refer to Miniscippian rocks in Ohio. Some prolongs use the European term "Carbonistrous," which encompasses the Miniscippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Formanion, but most units are local and exmiss the traced over great distances. The Black Hand Member is a spectacular massive sandations that is fairly undergread but discontinuous. See Hyde (1953). Hoover (1960), and Collins (1978) for more information on Mississippian rocks in Ohio. See figure 3-16 for explanation of rock types.

(Calcordand Metroparies

Page: 1 of 1

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a
Project label: PCAP Project Name (LUCAO)
Plot No.: 1150

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

(one per entire piot)

20 cm g CM matrix color matrix color redox features** oxid roots exture. oxid roots exthre* edox features** ydr. cond. ottle color tile color ≺ ហ M D z

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

ydro. cond ***

SMD

yles: Include evidence of earthworms (worms, duridated S-saturated M-moist D-dry

astings, middens)

MDD2: NO WERMS OBSERVED, CASTINGS PRESENT. MOD 3: Castings present

MOLWORMS PRESENT.

MoDG: Castings prefent

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

impermeable surface Somewhat poorly dr. Well drained a Excessively dr. Depth to rest. Layer. Soil Collection Modul Herizen (A. B. C) Soil Series/Type soil Series Source: Ohio Soil Survey andform type: 3.8.9 composited erent Material RAINAGE* ob Soll Servey Inform Somewhat excessively Moderately well dr. Very poorly dr.

	depth sat	2 litter water depth depth sat		l litter→ organic depub 2 litter	- 4
22	the neare 0,5 cm,	Measure to Jules. If >3	REMENT: I	SOIL DEPTH MEASUREMENT: Measure to the nearest 0.1 cm in center of Intensive modules. If >30,5 cm, record as >30	SOIL DEPTH 0.1 cm in cent record as >30

9	8	W	ى	mod#
2,6	رى دى	2,4	3.6	l litter+ organic depth (cm)
2.6	3.8	2.4	3.6	2 litter depth (cm)
0	0	0	0	water depth (cm)
0	0	0	0	depth sat soil (cm)

EARTH SURFACE & GROUND COVER	CE & GRO	JND COVER	
Underlying Earth Surface*	Surface*	Ground Cover	
(Start - 100%)	percent	(Each ≤ 100%)	percent
Histosol	0	Coarse Woody Debris***	5
Mineral Soil	84	Fine Woody Debrus****	\ O
Gravel-Cobble*	2	Litter	55
Boulder**	0	Duff (Ferm. + Humus)	0
Bedrock	9	Bryophyte- Lichen	_
* Gravel-Cobble = 1/16-10*	1/16-10"	Water	0
**Boulder = > 10 in	5	Bare Soil	2
*** >5 cm in diameter	icter	RosdTrail	6
	**** <5 cm in diameter	Other	

Bootleg unsanctioned Bridle sanctioned ype

%Cover

All Purpose

TRAIL INFORMATION:

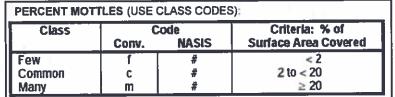
cord type and cover for each

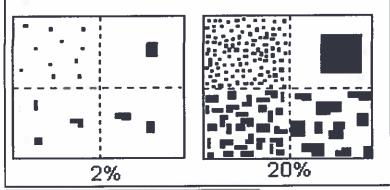
Strata Height Range (m) Total Cover (%)			
	ST-10	Height Range (m)	Total Cover (%)
1 1 1	Tree	75	8.8
Herb 2.5 3	Shrub	05.5	13
(Floating)*	Herb	入・5	w
	(Floating)*		

□ < plot size	□ 1-3 x plot size	o 3-10 x plot size	10-100 x plot size	a > 100 x plot size	□ >600 x plot size	STAND SIZE
ì	1001		H			

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

submersed, most plant mass below surface



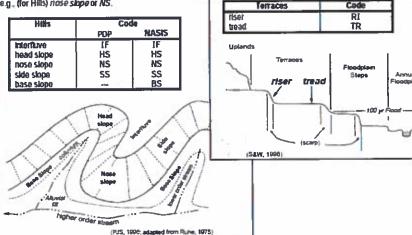


SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but 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.



Hilislope - Profile Position (Hilislope 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	Cone
summit	SU
shoulder	L 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.

Site ID	: /\	21	12	011	-	. 1	FO	RM B-1:	BUFF	ER	SAI	ИPL	E P		D1450LDDV	Charles Allenda	Revie	wed by (_	_	
Site ID		34	الاه	N		N	-			lin h	uhh	la/e	lif n	lot/s	1 001	Id not be	sampled a	th bas			_	
O AA Ce		6	M	0		OE		w	S. Howelle	lot '		-0	, II p Plot			lot 3	sailthian (and n	ay -			
O AA CE	alirei	- 9/	N	U	3	0 6	. 0	A * A * A * A * A * A * A * A * A * A *	Buffer		-					101.3			-		-	
Fill in bubbles: Strata Section:								s; E = Evergre	en. Leaf T	ype: E	= Br	oadlea	f; N = 1	Needk	Leaf. A		canopy. %); 3 = Heavy (4	10-75%);	4 = V	ery He	avy (>75%)
Buffer Plot 1	Canopy Leaf	Тур Тур	- 7		4	sen	t: O	Buffer Plot 2	Canop:		e: @ e: @			sent	: O Flag	Buffer Plot 3	Canopy Typ		0	Ab	sent	Flag
Big Trees (>0.3	3m DBH)		0	0	0	0		Big Trees (0.3m DBH)	0	Ø	6	0	0		Big Trees	(>0.3m DBH)	1	①	0	0	
Small Trees (<0.3	3m DBH)	0	0	0	0	0		Small Trees (<0.3m DBH	0	0	0	•	0		Small Trees	(<0.3m DBH)		0	0	O	
Woody Shrubs, S (0.5m-5m		0	0	0	0	O		Woody Shrub (0.5m	s, Saplings +5m HIGH)	•	0	0	0	0			ibs, Sapilings m-5m HIGH)		(3)	0	0	
Woody Shrubs, S	Saplings n HIGH)	0	0	0	0	0	10	Woody Shrub	s, Saplings J.5m HIGH)	1	0	0	0	0			bs, Saplings (0.5m HIGH)	0	<u></u>	이	o	
Herbs, For		0	(0	0	0			Forbs and Grasses	0	1	0	0	Ō		Herbs,	Forbs and Grasses	0	<u> </u>	<u> </u>	0	
Bare gi		(1)	0	0	0	0	14	Bare	ground	Ō	@	<u></u>	0	Ō		Bar	e ground	10		0	Ō	-
Litter	r, duff	ŏ	Ŏ	0	0	(1)		Li	iter, duff	0	Ō	0	<u></u>	0			itter, duff		ă	0	Ŏ	a delication
	Rock	0	Ö	0	0	ō	-34	- 45	Rock	<u></u>	0	0	<u></u>	ŏ			Rock @	lõl	ă	ŏ	ŏ	- 4
1881	Water	®	$\overline{\odot}$	0	0	ō			Water	0	0	0		Ö			Water 🚱		히	히	ŏ	
Subr	merged	0	$\overline{\odot}$	$\overline{\odot}$	0	0			ubmerged	6	0	0	<u></u>	ŏ			Submerged @	10	ŏl	ਨੀ	ă	
	etation r Pres					_	rm that		egetation bubble i			_			unfilled		9	191	- //	\sim 1		ଜ
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 Str																						
Fill bubble it				1	2	3	Flag	Fill bubble				1	2	3	Flag		If present -		1	2	3	Flag
Road - grave			101	0	0	0	riag	Ditches, C			100	0	0	ō	Tieg	Pasture/Ha	second removement and		0	0	Ö	
Road - two I				0	0	0	3	Dike/Dam/	Road/RF			0	0	0		Range	У		0	0	히	
Road - four				0	0	0		(IMPEDE FLO Water Lev		d Stn	ecture	-	0	0		Row Crops			0	0	ö	
Parking Lot		ent		0	0	0	1 11	Excavation				0	0	ö	-	Fallow Fiel	d (RECENT-REST	TING	히	ŏ	ö	
Golf Course			1.7	0	0	0		Fill/Spoil B			_	0	O	Ö			d (OLD - GRASS,		ŏ	ö	ö	
Lawn/Park				0	o	0		Freshly De	posited :	Sedin	nent	ŏ	ō	ŏ		SHRUBS, TRE	ES)		0	히	ŏ	
Suburban R	esiden	tial		0	0	0		Soil Loss/		osure	HEN	ō	O	9	1	Dairy	11.5		ŏ	ŏ	ō	
Urban/Multif	family			0	ō	ŏ		Wall/Ripra	р			ō	0	O		Orchard			ŏ	ō	Ö	
Landfill	1018			0	0	0		Inlets, Out	lets			ō	0	Ō		Confined A	nimal Feeding		Ö	Ö	o	
Dumping				0	0	0		Point Soul	ca/Pipe	WATER	21	ō	0	O		Rural Resid	dential		ō	Ō	ō	
Trash		-		0	0	O		Impervious	surface	inpu	,	ō	0	Ō		Gravel Pit			Ö	O	ō	
Other:				O	O	O		Other:	-		Tin	0	0	0		Imigation			0	0	o	
Other:				0	0	0		Other:				0	0	0		Other:			0	0	0	11
Indust	trial D	evel	opm	ent s	Stres	sor	В						Hābli	al/V	egetai	ion Stress	ors					
Fill bubble i	f prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt- I	Plot	1	2	3	Flag	Fill bubb	le if present	- Plot	1	2	3	Flag
Oil Drilling		å m		0	0	0		Forest Clea	r Cut		= a	0	0	0		Herbicide U	ise		0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting		0	0	0	
Mine (surfac	ce)			0	0	0		Tree Planta	tion			0	0	0		Trails			0	0	0	
Mine (under	ground	1)		0	0	0		Tree Canor	y Herbiv	огу	570.4	0	0	0		Soil Compa			9	0	•	
Military				0	0	ō		Shrub Laye		d		0	0	0	=	and Philadelphia	icle damage	1	0	0	0	
Other:			W	0	0	0		Highly Graz	ed Grass	ses		ō	0	o		are a Street, the Street Williams a tradition	(FROM WIND, W	VATER,	0	0	4	
Other:				0	0	0		Recently Bo		rest		0	0	0		OR OVERUSE Other:			0	0	0	
Other:				0	0	0		Canopy Recently B		assla	nd	0	0	0		Other:			6	0	0	
-	codes	K=1	No me				, U = S	(BLACKENED) uspect meas		F1.F	2, etc.	-	1		Igned b	y each field c	rew.	0400				
	ffer San					Exo	lain all f	lags in comn	ent section	on on	the b	ack of	this fo	m		Sul I		2428	тр	JU4		4

FO	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TE) ALI	EN SPECIES (Back) Reviewed by	/ (Initial):	M.	•
Site ID:	1	13	اعا	Ber	NCN	DAT	E: _	0.5	<u>[</u>]	1.31.20.1.5				
Confirm	a fille	ed da	ita bi	ubble li	ndicates presence and an unf	illed I	bubbl	e inc	licates	absence by filling in this bub	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	1000
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0	111	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		Glant Reed	0	0	0		Himalayan Blackberry	0	0	0	Į.
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	J
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	400
										Other:	0	0	0	- 87
					PLOT COOR	DINA	TES	3				9500	HARRIO .	
Location of coordinat O AA CENTER Ø N Latitude	3	O S	3	O E3	O W3 O Nearest pre	Lor	ngitu	de V	- 4/1	and comment below)	.5.		II II	
Flag Comments				1000										
									100		112			
Buffer Sample I	Points	s - Ta	rgeti	ed Aller	n Species 05/27/2011					79	6662	2354	18	•

•							FOI	RM B-1:	BUFF	ER	SAN	IPL	E PI	LOT	S (Fi	ront)		Reviews	ed by (Initia	il):		•
Site I	D:	136	B	Ph	C	0										08					5	
Locatio	on:					- Sva chert			Fill	in b	ubb	le(s)	lf p	lot(s	s) cou	ld not be	sample	ed an	d flag	→		
@ AA C	enter	С	N	0	8	O	0	W	100, 100	lot	-	- office	Plot			lot 3						
Fill in bubble Strata Sectio	s for all then: Fill in a	nat app approp	ply: Ca orlate o	nopy cover o	Type: lass b	D = C rubble	eciduou for eacl	s; E = Evergre	Buffer en, Leaf T or each plo	ype: E	= Bro	adleat	N = 1	Veedle	Leaf. A	bsent: No tree oderate(10-40%	canopy. %); 3 ≖ Hea	rvy (40-	75%); 4 =	Very H	leavy ((>75%)
Buffer Plot 1	Canop	y Typ f Typ	_		\leftarrow	sen	t: O	Buffer Plot 2	Canop	y Typ f Typ	<u>`</u>	$\stackrel{\sim}{\sim}$		sent	Flag	Buffer Plot 3	Сапору	Type	\Rightarrow	\leftarrow	seni	t: O
Big Trees (>			<u></u>	0	0	0	,g	Big Trees (>			O	<u>o</u> i	<u>ं</u>	0	, ,,,,	Big Trees	(>0.3m D8H)	0	Ŏ Ō	0	0	
Small Trees (<	0.3m DBH)	Ō	Ō	(a)	0	Ō		Small Trees (<0.3m DBH		Ō	0	তা	Ŏ		Small Trees	(<0.3m DBH)	Ō	Ŏ Ō	Ŏ	Ŏ	
Woody Shrubs,	, Saplings 5m HIGH)	0	0	0	0	0		Woody Shrub	s, Saplings +5m HIGH)	0	0	1	Ō	0		Woody Shru	bs, Saplings m-5m HIGH)	0	00	Ō	0	
Woody Shrubs,		0	0	0	0	0		Woody Shrub			Ō	<u></u>	Ŏ	Ō	20.00	Woody Shrul		0	ŌŌ	Ō	Ō	1
Herbs, Fo		ত	(1)	0	0	0			Forbs and Grasses	Ō	Ō	<u></u>	Ō	Ō		•	Forbs and Grasses	0	00	0	0	
	ground	Ō	0	0	Ō	Ō		Bare	ground	0	Ō	তা	Ŏ	Ō		Ban	e ground	Ō	00	Ō	Ō	
Litt	ler, duff	Ō	0	0	Ō	0		Li	iter, duff	Ō	0	Ō	Ŏ	Ŏ		L	itter, duff	Ō	ŌŌ	Ö	Ō	
	Rock	0	0	0	0	Ō			Rock	0	Ō	<u></u>	Ō	Ō		- 7	Rock	0	00	0	O	
e-old -	Water	0	Ō	0	Ō	Ō			Water	Ō	Ō	0	<u></u>	ŏ	N m		Water	Ō	00	Ō	Ŏ	0.0
	bmerged egetation	(6)	0	0	$\overline{\odot}$	$\overline{\odot}$			ubmerged egetation	Ö	Ō	0	তা	Ō			submerged Vegetation	0	<u>olo</u>	Ō	Ō	The state of
		-	e/Ab	send	e - (Confi	rm that		-	ndica	tes pr			_	unfilled	bubble indic		nce b	y filling t	nis bui	bble.	6
Resid	dential	and	Urb	an S	tress	ors	W S	The state of	Hydrolo	gy S	tres	sors	2 3				Agricult	ural &	Rural	Stres	sors	
Fill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fili bubbie	if preser	ıt - Plo	ot 1	2	3	Flag
Road - gra	ivel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	у		0	0	0	
Road - two	lane	, ls		0	0	0		Dike/Dam/		8 Bed	SW-	0	0	0		Range	A DW		0	0	0	
Road - fou	ır lane	ПД		0	0	0		Water Lev		l Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	VPaven	nent		0	0	0	189	Excavation	ı, Dredgi	ng	194	0	0	0		Fallow Field	D)		G O	0	0	5
Golf Cours	se			0	0	0		Fill/Spoil B		- I		0	0	0		Fallow Field SHRUBS, TRE		ASS.	0	0	0	
Lawn/Park			114	0	0	0	100	Freshly De	ED)			0	0	0	1	Nursery			0	0	0	
Suburban		ntial		0	0	0	1	Soil Loss/i		osure		0	0	0		Dairy			0	0	0	
Urban/Mul	tifamily			0	0	0	Till I	Wall/Ripra				0	0	0		Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out Point Sour				0	0	0		Confined A Rural Resid		eaing	0	0	0	
Dumping		-		0	00	00		(EFFLUENT (surface	VATER	(1)	00	00	0		Gravel Pit	agi ibai		0	0	00	- 1
Trash Other:				0	0	0		(SHEETFLOY Other:		No.		0	0	0		Irrigation			0	0	0	
Other:				0	0	0	0.	Other:				0	0	0		Other:			0	0	0	-
etales bereite de la companya de la	strial D	evel	opm		NA CONTRACTOR	-Committee	В		W11				91200		egetal	tion Stress	ors			10	J.	
Fill bubble	if pres	ent - !	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	ie if pres	ent - P	lot 1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut		Ţ	0	0	0		Herbicide U	se	- 300	0	0	0	
Gas Wells	11351			0	0	0		Forest Sele	ctive Cul	9	Y	0	0	0		Mowing/Shr	ub Cutting	9	0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta	tion			0	0	0		Trails			0	0	0	
Mine (unde	erground	d)		0	0	0		Tree Canop (INSECT)	y Herbiv	огу		0	0	0		Soil Compa (ANIMAL OR H	ction UMAN)		0	0	0	
Military				0	0	0		Shrub Laye (WILD OR DO)	r Browse	d	-7	0	0	0		Offroad veh		ge	0	0	0	
Other:				0	0	0		Highly Graz	ed Grass	ses	. 3	0	0	0		Soil erosion OR OVERUSE)		ND, WAT	ER, Ø	0	0	Ti
Other:			Į.	0	0	0	T	Recently Bu		rest	37	0	0	0		Other:			_ 0	0	0	
Other:			Ī	0	0	0		Recently Bu	urned Gra	asslar	nd	0	0	0		Other:			_ 0	0	0	
Fia	ag codes	:K=	No me		-	madi Exp	e, U = S lain eli f		urement., nent section	F1,F2	2, etc. the ba	= mis	c. flag this fo	s 255	igned by	y each field cr	ew.	2	42816	830	4 (•

	IKIVI	D-1		UFF	ER SAMPLE PLOTS -					Reviewed by	(initia);	96	
Site ID:	柯	11	36	(GP	, MCC	DAT	E: _	5	١, ١	13 7015				
@ Confirm	a fille	ed dat	ta bı	ıbble ir	ndicates presence and an unf	illed I	oubbl	e Ind	licates	absence by filling in this bubi	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	b L	Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0	=10	Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
										Other:	0	0	0	
					PLOT COOR	DINA	TES		2350	3.000	-200			1000
Location of coordinate AA CENTER ON Latitude	13	o s	3	O E3	O W3 O Nearest pra			-		g and comment below)	.2			ag
		_			Use Decimal Deg							allex.		
Flag Comments	5	-												
		- 1	_	-			9	-						
	7													40
									- 11.	-	-			
_ Dr														
	77	4										_		
-														
													78 13	

					183	i i	FO	RM B-1:	BUFF	ER	SAI	MPL	E P	LO	ΓS (F	ront)	Re	viewed b	y (initial):		•
Site I	D:	113	661	30	W	C	T.								DATI	0.8	1/3	12	0	1	<	(Filed)
Location						1 10			Fill	in b	ubb	le(s) if p	olot(uld not be		100	_	_	Ť.	T
OAAC	enter	C	N	0	S	0	E C	W	OF	lot	1	•	Plot	2	© I	Plot 3					}	
Fill in bubble Strata Section	s for all th	nat ap	ply: Ca	nopy	Type:	: D = i bubbl	Deciduou e for eac	s: E = Everan	Buffer en. Leaf T or each plo	voe: E	3 = Bn	oadlea	f.N=	Need	e Leaf	Absent: No tree oderate(10-40	a canopy. %); 3 = Heavy	(40-75%); 4 = \	/ery H	leavy	(>75%)
Buffer	Canopy					bser		Buffer	Canop	_				bsen	_	Buffer	Сапору Т	_			seni	
Plot 1			e: (5		Flag	Plot 2	<u> </u>		e: ($\stackrel{\cdot}{\longrightarrow}$	5		Flag	Plot 3		ype: (=	_		Flag
Big Trees (>	0.3m DBH)	0	0	0	0	0	T	Big Trees (•0.3m DBH)	0	Ō	0	0	0		Big Trees		<u> ا</u>	0	0	0	1.09
mall Trees (<	0.3m DBH)	0	0	0	0	0		Small Trees (<0.3m DBH	0	0	0	0	0		Small Trees	(<0.3m DBH)	00	0	0	0	
Voody Shrubs (0.5m-	, Saplings 5m HIGH)	0	0	0	0	0		Woody Shrub (0.5n	s, Saplings >5m HIGH)	0	0	②	0	0		Woody Shru	bs, Saplings m-5m HIGH)	00	0	0	0	
Voody Shrubs (<0.	, Saplings 5m HIGH)	0	0	0	0	0		Woody Shrub		0	0	0	0	0		Woody Shru		50	0	0	Ō	
Herbs, F	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	0	0	0			Francisco de la	0	Ō	0	Ō	
	ground	0	(0	0	0		Bare	ground	0	0	0	0	0		Ban		50	Ō	0	Ō	
Litt	er, duff	0	0	0	0	6		Li	tter, duff	O	0	0	0	0		Li		50	0	0	Ō	
	Rock	6	0	0	0	0		-	Rock	Ō	0	0	0	0				00	0	Ö	Ō	
	Water	6	Ō	Ō	0	Ō			Water	0	0	Ō	Ō	ō				00	Ō	$\overline{\odot}$	Ö	
	bmerged egetation	0	0	0	0	Ō			ibmerged egetation	Ō	Ō	Ō	Ō	$\overline{\odot}$			Submerged Vegetation	50	Ō	ŏ	ŏ	
		_	-	_		_	irm that			_				d an	unfilled	bubble indic	3			_		@ /
1.00	dential	4.0							Hydrolo								Agricultur					-
ill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - F	Plot	1	2	3	Flag				1	2	3	Flag
Road - gra	vel	- 11		0	0	0		Ditches, C	hanneliza	tion	720	0	0	0		Pasture/Ha	y	177	0	0	0	
Road - two	lane	Νμ		0	0	0	Press.	Dike/Dam/		Bed		0	0	0		Range			0	0	0	
Road - fou	r lane			0	0	0		Water Lev		Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	t/Pavem	ent		0	0	0		Excavation	, Dredgir	ng		0	0	0	Tell.	Fallow Field	(RECENT-RE	STING	0	0	0	
Golf Cours	e		8	0	0	0		Fill/Spoil B				0	0	0		Fallow Field SHRUBS, TREE	(OLD - GRAS	s,	0	0	0	
Lawn/Park				0	0	0	72	Freshly De		edim	ent	0	0	0	9 8	Nursery	a annua		0	0	0	
Suburban l	Resident	tial		0	0	0		Soil Loss/F	Root Expo	sure	111	9	0	0		Dairy			0	0	0	
Urban/Muli	ifamily		PE	0	0	0		Wall/Ripra	P	1.9	5000	0	0	0		Orchard	udi tutel		0	0	0	
Landfill	S. VIII			0	0	0		Inlets, Out				0	0	0		Confined A	nimal Feedi	ng	0	0	0	
Dumping	i laki		1.9	0	0	0		Point Sour	RSTORM			0	0	0		Rural Resid	ential		0	0	0	
Trash			LE P	0	0	0		Impervious (SHEETFLOW		input		0	0	0		Gravel Pit			0	0	0	
Other:			YEAR!	0	0	0		Other:			b	0	0	0		Irrigation	NO BATTLE		0	0	0	
Other:				0	0	0		Other:			_	0	0	0		Other:			0	0	0	
Indus	trial De	evelo	opme	ent S	tres	SOF	8					H	labit	tat/V	egetal	ion Stress	ors					
ili bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubble	if preser	ıt- P	lot	1	2	3	Flag	Fill bubbl	e if present	- Piot	1	2	3	Flag
Oil Drilling		Too I		0	0	0	Control Vision	Forest Clear	Cut			0	0	0		Herbicide Us	se	1000	0	0	0	
3as Wells	ITES-			0	0	0		Forest Selec	ctive Cut			0	0	0		Mowing/Shri	ub Cutting		0	0	0	
Mine (surfa	ce)			0	0	0		Tree Plantai	ion			0	0	0		Trails			0	0	0	
Mine (unde	rground)	30	0	0	0		Tree Canop		гу		0	0	o		Soil Compac			0	0	0	
Military				0	0	0		Shrub Layer WILD OR DOM		1		9	0	o		Offroad vehi			o	0	0	
Other:			180	0	0	0		Highly Graz	ed Grass	es		0	0	0		Soll erosion	(FROM WIND,		Ø	0	0	
Other:			100	0	0	0		Recently Bu		est		0	0	0		OR OVERUSE) Other:			0	0	0	
	ther: OOO							Canopy Recently Bu	med Gra	sslan	d	0	0	0	-	Other:			-		-	
Profession -	a codes:	K=N	lo me	-	-			BLACKENED)	rement	F1.F2	etc :	1. 1.00	100			each field cre	nw.		O	O	0	
1 10 100	ffer Sam		SPRING.					ags in comm										242	168	304		

	FO	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAR	GE	TEC) ALI	EN SPECIES (Back) Reviewed by	r (initia	I):		
	Site ID:	11	36	B	PW	CE	DAT	E: _(2.8	را ر	1.3120.15				
	Confirm	a fille	ed da	ta bı	ıbble ir	ndicates presence and an unf	illed 1	ubbi	e ind	licates	absence by filling in this bubl	ble			W.
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 hys	cinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Flo	pating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Sal	vinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mu	stard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison He	emlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Mi	nute 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 T	histle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
	TEMPLE I								18		Other:	0	0	0	
Ne sa					tus tise ti	PLOT COORI	DINA	TES	6	etre				This is	
	on of coordinate	THE STATE OF	3000		Contra							i	Ī	Fla	9
OAA	CENTER ON	3	o s	3	O E3	O W3	ctical	ole lo	catio	on (flag	and comment below))	
	Latitude I	Norti	h 4	L	3	Use Decimal Deg	Lor	gitud	de V 183	Vest	0.8.1.69.2.5	4			
Flag	Comments		74												
riag		41			100	1 1	-	-	70	-	1 100			-	- 10
	Plots 28	3		6	417	not be sample	0	d	سه	L to	being off	10	pe	rty	-
	look	6	PS	- #	nt a	6 property line	_		_					U	
		2					- 97						_		
1500															
- 123															
	10 000														

							-									1							
			le			1	FO	RM B-1:	BUFF	ER	SAI	MPL	E P	LO	TS (F	ront)		Review	ved by	(Initlal): <u> </u>		
Site	ID:	11	36	B	PI	40	W								DAT	E: 08	1 13	3/	2	0	1.	5	
Locati									Fill	in t	ubb	le(s) if p	olot		uld not be				_	_		
OAA	Center	C	N	0	S	0	E @	W	OF	lot	1	0	Plot	2	0	Plot 3		Eq.		1000			
Fill in bubbl Strata Secti	es for all ti ion: Fill in	hat ap approp	ply: Ca orlate (nopy	Type: class	: D = I bubb!	Deciduo e for eac	us, E = Evergre ch strata type fo	Buffer en. Leaf T or each plo	voe: I	3 = Bn	padlea	ıf: N =	Need	le Leaf.	Absent: No tre loderate(10-40	e canopy. %); 3 = Hea	vy (40) -75%)	; 4 = \	/ery H	eavy	(>75%)
Buffer	Canop	у Тур	e: 🧐) (bser	ıt: O	Buffer	Canop	у Тур	e: 🥝) () A	bser	ıt: O	Buffer	Сапору	Тур	e: 🥑) () At	seni	: O
Plot 1	Lea	f Typ	e: 🔇) (Flag	Plot 2	Lea	f Typ	e: (2	9 (Flag	Plot 3	Leaf	Тур	: 6	0			Flag
Big Trees (>0.3m DBH	0	0	0	0	0		Big Trees (>	-0.3m DBH)	®	0	0	0	0		Big Trees	(>0.3m DBH)	0	0	①	0	0	
Small Trees (1	0	0	0	10		Small Trees (0	0	0	0	0	$oxed{oxed}$	Small Trees	<u> </u>	0	0	0	@	0	
	-5m HIGH)	0	(9)	0	0	10			-5m HIGH)	0	0	0	0	0		(0.5	ubs, Saplings 5m-5m HIGH)	0	②	0	0	0	
	1.5m HIGH)	0	0	0	0	10			.5m HIGH)	0	0	0	0	0			ubs, Saplings <0.5m HIGH)	(0	0	0	0	~~
Herbs, I	orbs and Grasses	0	•	0	0	0		Herbs, I	Forbs and Grasses	0	(0	0	0		Herbs	Forbs and Grasses	0	@	<u> </u>	0	0	
Bare	ground	0	@	0	0	0		Bare	ground	0	0	0	0	0		Bai	re ground	0	0	@	0	0	
Lit	ter, duff	0	0	0	0	1		Lit	ter, duff	0	0	0	0	0		L	itter, duff	0	0	0	@	0	
	Rock	®	0	0	0	0			Rock	1	0	0	0	0			Rock	②	0	0	①	0	
	Water	0	0	0	0	0			Water	@	0	0	0	0	-		Water	②	0	0	0	0	
	ubmerged regetation	®	0	0	0	0			ibmerged egetation	a	0	0	0	\odot			Submerged Vegetation	②	0	0	0	0	
Stress	or Pres	senc	e/Ab:	seno	:e -	Conf	im that	a filled data	bubble in	ndica	tes pr	esen	ce an	d an	unfilled	l bubble indic	cates abse	nce l	y filli	ng thi	s but	ble.	0
Resi	dential	and	Urba	ın S	tres	BORS		i	Hydrolo	gy S	tres	SOFS					Agricultu	ıral i	& Ru	ral S	tres	sors	
Fill bubble	if prese	ent - f	Plot	1	2	3	Flag	Fill bubble	if prese	nt - i	Plot	1	2	3	Flag	Fill bubble	if presen	t - Pl	ot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, CI			į ny	0	0	0		Pasture/Ha	ıy	4		0	0	0	
Road - tw	o lane			0	0	0		Dike/Dam/I		Bed		0	0	0		Range		Ų,		0	0	0	
Road - for				0	0	0		Water Leve			cture	-	0	0		Row Crops				0	0	0	
Parking Lo		ent		0	0	0		Excavation		g		0	0	0	1111	Fallow Field Fallow Field	D)		IG	0	0	0	
Golf Coun	A STATE OF THE PARTY OF THE PAR			0	0	0		Fill/Spoil Ba		edin	ent	0	0	0		SHRUBS, TRE		433,		0	9	0	
Lawn/Pari Suburban		Hal		0	0	0	2	Soil Loss/R	ED)	TOP OF		0	0	0		Nursery Dairy	198 118			0	0	0	
Urban/Mu		(Jean		0	0	0		Wall/Riprar		,5016		0	_	0		Orchard				9	0	0	
Landfill	diamy			0	0	0		Inlets, Out				0	0	0		Confined A	nimal Fee	dina	+	0	0	0	
Dumping	allock eggs			0	0	0		Point Source	ce/Pipe			0	0	0		Rural Resid				0	0	0	
Trash	Mary 1		50	0	0	0		Impervious	surface i	nput		0	o	o		Gravel Pit				ŏ	ŏ	ŏ	
Other:				0	0	0		Other:	-			0	0	0		Irrigation		¥E		ō	Ö	ō	
Other:			-	0	0	0		Other:			1	0	0	0		Other:				0	O	O	
Indu	strial De	evelo	pme	ent S	itres	son	5				1000000	1	labit	at/V	egeta	tion Stress	ors	47					
- -ill bubble	If prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if presen	ıt - P	lot	1	2	3	Flag	Fill bubbl	le if prese	nt - F	Plot	1	2	3	Flag
Oil Drilling			luV.	0	0	0		Forest Clear	Cut	TUE !		0	0	0		Herbicide U	se			0	0	0	,
Gas Wells	r Miles		PAST.	0	0	0		Forest Selec	tive Cut		YOU.	0	0	0		Mowing/Shr	ub Cutting			0	0	0	
Mine (surf	ace)	HIER		0	0	0		Tree Plantat	ion			0	0	0		Trails				•	0	0	
Mine (unde	erground)		0	0	0		Tree Canopy (INSECT)	- J. H. S.	гу		0	0	0		Soil Compa				6	0	0	
Military				0	0	0		Shrub Layer (WILD OR DOM		Ī		@	0	D		Offroad vehi	White the same	je		ŏ	0	o	
Other:	CALLED	a p dem a	Tille	0	0	0	- 51	Highly Graze	d Grass	es		0	0	0		Soll erosion	(FROM WINE		TER,	0	0	0	\neg
Other:	The state of	el Tallico e e e e	700	0	0	0	2 4 2 7 2 2	(OVERALL <> H Recently But		est		0	0	0		OR OVERUSE) Other:			-	0	0	0	
Other:	mois a pression			0	0	0		Canopy Recently Bui	med Gra	sslan	d	0	0	0		Other:				0	0	0	
100	g codes:	K = N	o mez		-	-		(BLACKENED) uspect measu	rement.	F1.F2	etc. =	-	100	111111			EW.						100
	effor Com	300 4	12.350			Expl		ags in comme							.g	, amon note of		2	428	168	304		

0

Sample Plots

• FO	RM	B-1	: E	SUFF	ER SAMPLE PLOTS -	TAR	RGE	TEC	ALI	EN SPECIES (Back) Reviewed by	r (Initial):		
Site ID:	1)	31	o E	BPL	NCW	DAT	E: _(<u>8.c</u>	<u>.</u>	131 20.15				
⊚ Confirm	a fille	ed da	ta bu	ıbble i	ndicates presence and an unf	illed I	oubbl	e ind	licates	absence by filling in this bubl	ble			
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoll	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
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	
				Burk						Other:	0	0	0	
			N/s	1950	PLOT COOR	DINA	TES					773		1000
O AA CENTER O N	13	o s	3	O E3	18344	Lor	ngitu	de V		g and comment below)	.2.			
					Use Decimal Deg	rees;	NAL	083						
Flag Comments		Ha!											Ų,	
1														
									5.600011					
5.030				-30.00		1550								
												100		
					75		910							300
					= 1112				0.70 400					- 1111
											170'0'			
		gr.		CE N	A STATE OF THE STA									
Buffer Sample F	Points	s - Tai	rgete	ed Alier	Species 05/27/2011					790	5662	354	8	

Contractors							-															
Site	ID:	113	B	P	C	0	FO	RM B-1:	BUFF	ER	SAI	MPL	E P	LO		P-101-	Review	ed by (in		10	ľ	•
Locati		11.	90	V		2		- VIII	Fill	in h	mbb	leís) if r	lot/			sampled ar		_	_	<u> </u>	-
OAA		C	N	0	S	01	E C	w	10000000	lot			, , Plot	850h	65×5000	Plot 3	outilpica at	10 110	8			
Fill in bubbl Strata Secti	es for all ti ion: Fill in	hat apı approp	ply: Ca	nopy	Type:	D = I	Deciduo: e for eac	s: E = Everare	Buffer en. Leaf T or each plo	voe:	3 = Br	oadlea	f: N =	Need	a le Leaf	Absent: No tree	e canopy. %); 3 = Heavy (40-	75%); 4	= Ve	ry Hea	ıvy (>75%)
Buffer	Canop	у Тур	e: () () A	bsen	t: O	Buffer	Canop	у Тур	e: 🍕	0 () [A	bsen	t: O	Buffer	Canopy Type	(6)	0	Abs	ent:	0
Plot 1	Lea	f Typ	e: 餐	0			Flag	Plot 2			ю: 🚺		5		Flag	Plot 3	Leaf Type	-	ŏ			Flag
Big Trees (>0.3m DBH)	0	0	0	0	0		Big Trees (>	0.3m DBH)	0	0	0	0	0	100	Big Trees	(>0.3m DBH)	0) C) C	I C	145
Small Trees (<0.3m DBH	0	0	0	1	0		Small Trees (<0.3m DBH	0	0	0	(0		Small Trees	(<0.3m DBH) ○	0) (9 (3	
Woody Shrub (0.5m	s, Saplings -5m HIGH)		•	0	0	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)	0	1	0	0	0		Woody Shru (0.5	bs, Saplings m-5m HIGH)	() C) C	ত্রা	
Woody Shrub (≪	s, Saplings).5m HIGH)		0	0	0	0		Woody Shrub: (<0	s, Saplings).5m HIGH)	Ø	0	0	0	0		Woody Shru	bs, Saplings 0.5m HIGH)	0	D	0	5	7
Herbs, I	Forbs and Grasses	0	0	0	0	0	E	Herbs, I	Forbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	D	D (3	
Bare	ground	0	0	(2)	0	0		Bare	ground	0	6	0	0	0		Ваг	e ground 💽	0	9 (0	<u></u>	
Lit	iter, duff	0	0	6	0	0		Lit	ter, duff	0	0	0	(a)	0		L	itter, duff 🗿	0	0	0	<u>5</u>	
	Rock	0	0	0	0	O			Rock	8	0	0	0	0		- 1	Rock 🕖	0	9 (0	5	
	Water	0	0	0	0	0	244		Water	1	0	0	0	0			Water 🚳	0) (C	D (5	
	ubmerged egetation		0	<u> </u>	0	0			bmerged egetation	@	0	0	0	0			Submerged Wegetation	0	50	0	5	
Stress	or Pres	sence	e/Ab	senc	e - I	Confi	im that	a filled data	bubble in	ndica	les pi	esen	ce an	d an	unfilled	bubble indic	ates absence b	y filling	this	bubbi	e.V	0
Resi	idential	and	Urba	ın S	tress	SOLZ			Hydrolo	gy S	tres	sors			112	4 - 1 - 1	Agricultural 8	Rura	ıl Str	essc	ors	724
Fill bubble	e If preso	ent - F	Plot	1	2	3	Flag	Fill bubble	if prese	int - I	Plot	1	2	3	Flag	Fill bubble	if present - Pic	ot 1		2 3	3	Flag
Road - gra	avel			0	0	0		Ditches, Cl	hanneliza	tion		0	0	0		Pasture/Ha	у	(0	0		
Road - tw	o lane			0	0	0	0	Dike/Dam/		Bed		0	0	0		Range		1	0	0	5	(0)
Road - for	ur lane	TROV.	Tan.	0	0	0		Water Leve		Stru	cture	0	0	0		Row Crops		(0	0 0		
Parking L	ot/Pavem	ent		0	0	0		Excavation	, Dredgir	ng .		0	0	0		ROW CROP FIELD		G () (c) (C	5	
Golf Cour	50	1	Male	0	0	0		Fill/Spoil B	removed 2007			0	0	0		Fallow Field SHRUBS, TRE	(OLD - GRASS, ES)	(2	
Lawn/Parl	k	100		0	0	0		Freshly De	ED)		ent	0	0	0	2 1	Nursery		- (-	
Suburban	The Samuel State	tial		0	0	0		Soil Loss/R	The broke for	sure		0	0	0		Dairy	9 S	-	_		기	
Urban/Mu	Itifamily			0	0	0		Wall/Riprag				0	0	0		Orchard		_	_		기	
Landfill	34.588	THE SO		0	0	0	-	Inlets, Outl				0	0	0		Contined A	nimal Feeding	_	-		200	
Dumping				0	0	0		(EFFLUENT O	R STORM SURFACE	INPUL	9	0	0	0	235	Gravel Pit	eriuai	-	-		-	-
Trash Other:			-	00	00	00	200	Other:)	100		0	0	0		Irrigation					_	\dashv
Other:			-	0	0	0		Other:				0	0	0		Other:		_	-		-	-
	strial D	evelo	ppme			N	5					14000	100	5	egeta	ion Stress	D IS		-	7	<u></u>	
Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if preser	ıt- F	lot	1	2	3	Flag	Fiil bubbl	e if present - P	lot	1 2	2 3	T	Flag
Oil Drilling				0	0	0		Forest Clear	Cut			0	0	0		Herbicide U:	se	(0	0		
Gas Wells				0	0	0		Forest Selec	tive Cut			0	0	0		Mowing/Shr	ub Cutting		0	0	5	
Mine (surf	ace)			0	0	0		Tree Plantat	ion	i a		0	0	0		Trails				0	5	\neg
Mine (und	erground)		0	0	0		Tree Canopy	y Herbivo	ну		0	0	0		Soil Compar		6		9 C		\neg
Military			B	0	0	0	1	Shrub Layer		1	Ţ	•	0	•		Offroad vehi		(90 000	0 0	-	\neg
Other:	200.07.09			0	0	o		Highly Graze	ed Grass	es		0	O	o		Soil erosion	(FROM WIND, WAT			0 0	-	
Other:	ran would			0	0	0		Recently Bu		est		0	0	0		OR OVERUSE) Other:			-	99 100	-	- T
Other:	- Contractor	4317.41		0	0	0		Canopy Recently Bu	med Gra	sslan	d	0	0	0		Other:			9 10		-	
	ng codes:	K = N	o mea		-	made	., U = S	(BLACKENED) uspect measu	rement.,	F1,F2	, etc.	= misc	. flag	5 858		each field cn	ew.	-	38 155	-		
	effor San	Name Of Street	Marine San		199000	Expl	aln all f	lags in commi	ent section	n on t	he ba	ck of t	his fo	m			2	4281	683	04		4

FO	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC) ALI	EN SPECIES (Back) Reviewed by	(initial	I)=		
Site ID:)1	31	B	PW	cs	DAT	E: _	b	% I]	1317015				
ॐ Confirm	a fille	ed da	ta bı	ıbble iı	ndicates presence and an unf	illed l	oubbl	e inc	dicates	absence by filling in this bubl	ole		1	
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	0	0	
Glant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		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	
	U.									Other:	0	0	0	
Man Andrews		174			PLOT COORI	OINA	TES		FAI		1000			
O AA CENTER O N Latitude I		• s		O E3	1.8.4.6.5.	Lor	gitu	de V		g and comment below)	<u>.</u>			
					Use Decimal Deg	rees;	NAC	083	ESOUR TO TO TO TO TO TO TO TO TO TO TO TO TO					
Flag Comments		1 .		- 1	Fam resider		_	yo:	Sac	e of plot				2016
· CO+ 1053		w	MP	e o	Jam ristely	100	0	<u>J</u>	ASD.	er prov	7 - 12			
							U-7.55	_						-
			97asi (W. 10 - 10 25	45 To = = =									
											ē			17
	8.5													
								301		- Long Laure				
		300			- 4									
										796	662	354	8 (•
Buffer Sample F	oints	- Tar	gete	d Alien	Species 05/27/2011				5 5	Designation of the second	150	SIL	ud.	