Project Label:	FROPARKS Plant Community Asse		Quality Control Form Science and Metroparks: 128 Date Sampled: 5/8/12 Lead: 258
<u> </u>		<u> </u>	Comment required if item answer is NO
Parking/Access outsi	de of Park Boundaries:	Y (1)	If yes, write details in Comments section below
Field journals compl		(Y) N	it yes, whic details in Comments section below
Site sketch made on		(Y) N	
Check cover page	X-axis Bearing of plot recorded	(Ŷ) N	
Check cover page	GPS coords. Recorded	Y) N	
	North direction recorded	(Y) N	
	Photographs taken?	Y N	
Plot No., Date agreer		(Y) N	
Header data complete		Y N	
	ed in all Intensive modules	6	
		XX	
Browse Level By Sp		7	
Woody stem quality			
Invasive plant quality	control cneck	797	
Ash trees mapped		(Y) N (Y) N	
Cover by Strata? (cor		120	
7	d with matching plot #.	71	
	datasheet with initials and number	77	
Vouchers labeled on	collection bag	Y N Y N	
Pink flags removed		77	
Data sheet QA before		 	
Common equipment	4,	(Y) N	3.0
Data sheets scanned?		8-9-12	Enter date to left) P
Final data sheets scar			Enter date to left
Buffer Widths measu	red?	(Y) N	NZ 7-6-12
Web Soil Survey	<u> </u>	(Y) N	TK 7-27-12
Voucher Location	Refrigerator	YN	100
(# vouchers collected)	Press (#)		Enter number to left
	Drier	Y N	
	Identified	Y N	
	Mounted	Y N	
	Thrown away	Y N	
	tion: Is plot sampleable?		
Yes Yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non-	sampleable area (fi	ill in category below)
	Depoint falls in a water (i.e. river, i		
	☐ Managed mowed area (i.e. golf ☐ Paved area (i.e. parkinglot, road)	course, picnic area, righ	et-of-way)
	Unsafe to sample (i.e. steep slope)	
	□ Other		
Additional Commen	ts:		
		×	
			NO

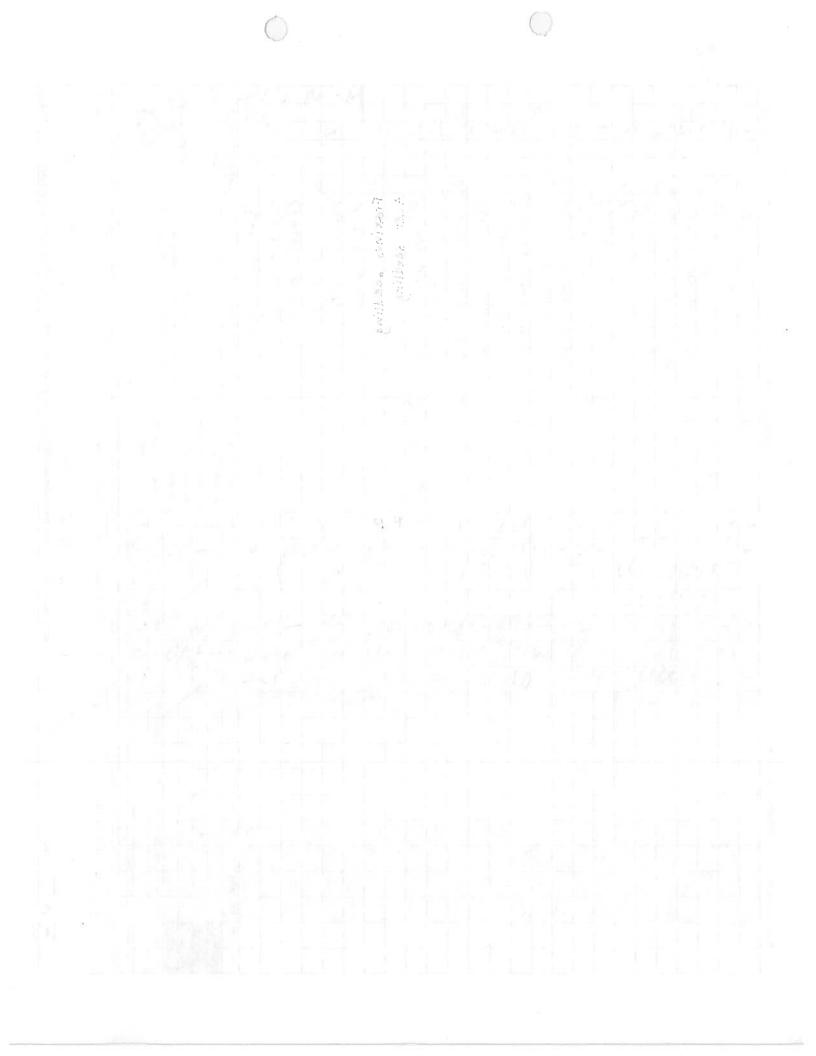
bryo CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet Minimum required fields in Bold and Underlined TAXONOMIC STANDARD SAMPLING QUALITY* PLOT NOT SAMPLED: Plot Name: 2nd times the GENERAL INFORMATION vascul. Wery thorough Plot No.: 128 TAXONOMIC ACCURACY Date (mm/dd/yyyy): and date (if > 1 day): Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc. roject Name: 0/3/20/2 Z'MMerma Level 4 (no nested corners sampled) Level 5 (nested corners sampled) modera. may still provide good sampling. Hurried plots how much effort put into subjective evaluation of Pub Date: Plot leader low □ Other not smp □ Systematic (grid) □ Capture specific feature □ Other Plot placement: SGRTS GPS location in plot x=0 to 5, y=-1,0,+1): Source of coordinates

MAP Photo Nos.: Camera No.:_ Depth: (1-5): 4/ Plot size for cover data: GPS File Name: 1281 ■ Lat/Long □ UTM □ StatePlane □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m Check one: Public data Private Data Data Confidentiality: LOCATION Random - Stratified Random - Transect component Datum: ■ NAD83/WGS84 □ NAD27 Coordinate system: If data not public why Local Place Names: Mendow's Picnic Quadrangle: Ner Intensive modules: 2, 3, 8, 9 Landowner: *Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide X-axis Bearing of plot: \rightarrow (base of plot x=0, y=0) County: L V □ Representative ■ deg □ deg min m of o Coord. Units (hectares) (EDIT IF MODIFIED Location: Park at Meadows pichic area, follow birdle tooil around meadow & head 5 into wood 2-10 module plot: Laxout: 1x2 (GRIS@(0,-1)) dominants, strata, BROWSE). Additional notes in space on back content), Rationale (why here), and Veg Characterization (description of community, Veg. Char. Tree-Acer Saccharum, Quarus alba, NOTES: Include Layout (any unusual shape details), Location (directions and landscape Rationale: GRTS Diagram Plot origin S GPS location photo taken, Key: (0,0) point point with direction Tilia americana, 72 Harb-Varanica officinalis, Querus seedlings, Acer seedlings, Fraxinus Seedlings Shub-Lindera benzoin, Conpinus cominiana, Acer Jachanum, Rubus pennsylvanica #2 location of (PiciardundMcInper Page 1 of 2 permanent posts OVER

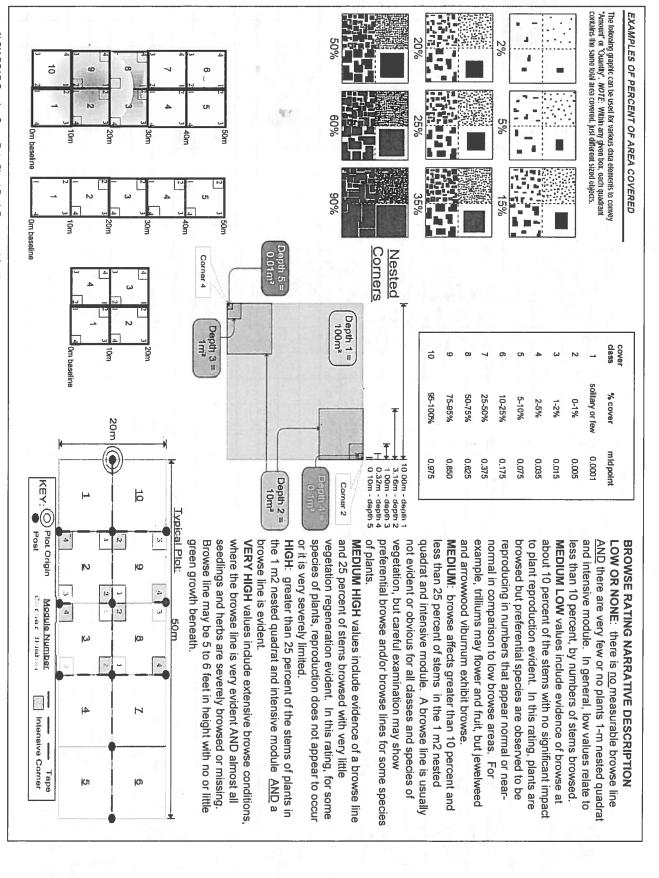
y cons	Plot in alongside creek, parts of plot may flood in times of having rainfall, Fallen but still rooted Beech in mod lacounts for much of the ship by a beech cover.	ts of t	in tim	may flood,	parts of plot, Seech in mod	alongside creek, but still rooted	Plot m
			tc.)	ssional status, maturity, e	Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)	& diagrams: (Representative	Additional notes
			□ Unknown	o Uni		(by default unless plot is a wetland)	(by default unless
		ns)	(e.g. wind, storms)	(e.	□ Temporarily flooded		
		☐ Tidal/Seiche flooded irregular	al/Seiche floo		□ Occasionally flooded (<1/yr)		Upland (n/a)
		☐ Tidal/Seiche flooded monthly	al/Seiche floo		(dry <1/yr, seldom flooded)		□ Fresh
		oded daily	□ Tidal/Seiche flooded daily		□ Permanently/Semipermanent, saturated		□ Braçkish
		oded	□ Permanently flooded	□ Peri	(seldom flooded)		□ Saltwater
		y flooded	□ Semipermanently flooded		☐ Intermittently/seasonally saturated		SALINITY*
		oded	Intermittently flooded		□ Upland (seldom flooded)		
				GIME*	HYDROLOGIC REGIME*		
	Unk	Former Land Use: U	Former I		ern mosaic	clusions Irregular/pattern mosaic	□ Conspicuous inclusions
	25/	Current Land Use:	Current	27	☐ Compositional trend across the plot	□ Composition	Momogeneous
very high	**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	ML=med low,	**L=low,			EITY	HOMOGENEITY
			Other				
	0 100 Browse	M	Cut Animal	10		6	Mixed
			Fire	1		NAME:	COMMUNITY NAME
			Natural				1
	0 100 Tousk	Z	Human				5
	yrs ago % of plot description	severity**	type*		Fit= G Conf= 1	ate form);	CODE (on separate form)
		DISTURBANCES	DISTU	-		MODIFIED NATURESERVE CLASS*	MODIFIED NA
Page 2 of 2	Plot No.: /28 (600	10: 01Br2	Project Name: 018,2012	el: PCAP	Project Label:	
(P Gluecherd Mutruperka		Sheet	und Data	Program - Backgro	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	METROPARKS Plant C	CLEVELAND

Y EVEL AND ME	DOBABKS Blast Community Account	Port Drogram Caso	So Court Data Sh		
Project Label:	Project Label: PCAP Project name: 01/8c 2012	Project name:	Project name: 018c2012	Plot no.: /28 (- S
Total modules:	2)	Intensive modules:	2 Plot cor	Plot configuration: (X)	Plot area (ha): 0,02
③		Estimate for each	mod comer mod comer	nod corner mod corner mod	corner, mod corner mod corner mod corner mod corner
	Br = Browse Level. Use cover classes to	intensive module:	depth cov depth cov	depth cov depth	cov depth cov depth cov depth cov
Metroparks	entire plot	%unvegetated open water	0	100	
štrata - Cov. entire plot		%unveg. ground (bare soil) %unveg. litter (bare litter)	1 - 0	200	
Т S H (F)(A) Вг	r Species	c Voucher#	depth cov depth cov	depth cav depth cov depth	cov depth cov depth cov depth cov
77	Acer saccharum		0	74	
5 7 Z	Fagus a randitolia		282	462	
2/	S		h 9 h	10	
<i>.</i> 0.	27:/ia americana		26		
2	Verenica officinalis		エソス	7	
2,	Ulmus rubia		23		
2	Froxinus		2 2	22	
2	2		2	223	
2	Elymus Virginicus 25B	X 238/82	22		
	Aster later floru		32	324	
<i>N.</i>	Partheno		222	22	
22	V/00/		3 2	22	
7	Circaea litetiana		<i>U</i>		
N	CAVERCUS SEED! MOS		222	222	
4,	FRAXIAUS SDI		234	3	
12	Viburnum dentatum		211	12	
12	Ç		2 2	42	
<.	Carya Cordiformis		21		
٦	V.+1'S 3				
72	Ansagma triphyllum		22	22	
2	Rham		22	322	
22	Rubus pomsulvanica		C Z	w w	
12	Unk dicat	14-0233	22		
9	Polystichum acrosticoide	5	121	12	
_	serotina		1 6 1		

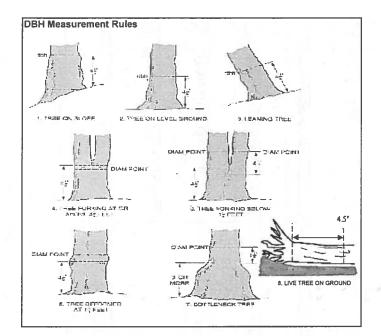
cordate bosal -



Total modules: Political production Poli	Project Label:	Project Label: PCAP Project name: <u>0/18/20/2</u>	Project name: 🔼	1/Br.	Br2012		Plo	Plot no.:	1281	8							1	ı
BIT Blower Live convolution to the convolution of t	Total modules:	The second secon	Intensive modules:		Plot	configu	ıration	[A			70	lot ar	ea (h	a) 			
Celevatural describe amount of those per species on the service amount of those per species on the per species of the per speci					mod	7-0		mod	comer	тод	orner		orner	nod c	mer n	COL		od co
Clevelland describe amount of the point season to seaso	₹		Estimate for each	1 4	_	2	7	2	W	$oxed{oxed}$	_				-			Ĥ
T S H (FIM) FI		Br = Browse Level. Use cover classes to		_		_		depth	_	$\overline{}$	COV	_		epth	de	_	_	
To S H (F)(M) BY The H	Matroparks	describe amount of browse per species over	%open water	<u>-</u>				1	1	<u> </u>	1			+	+	+	8 6	
1 State Color of the product State S		מווווים סיטג	%unveg. ground (bare soil)	-				1		_ -	_ _	_					E 8	
1 S H (P(M)B) Species C Voucher# and an and and and and and and and and	Strata - Cov. entire plo	ot	%unveg. litter (bare litter)	1						_	_			-			19	
2 1 Ulms seedlings 22 8 Lindera Motioni; 22 8 Lindera Motioni; 23 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	T S H (F)(A)	r .	Voucher#		l depth			l depth	_		COV	-			DV de		_	
22 8 Licidenton Tulipitem 2 8 Licidenton Tulipitem 3 Lindera benzoin 3 Lindera benzoin 4 Oxalis Atrita 4 Lindera benzoin 5 Lindera benzoin 6 Carlos Strita 7 Lindera benzoin 8 Salvan Strita 7 Lindera benzoin 8 Carlos Strita 7 Lindera benzoin 8 Carlos Strita 7 Lindera Strita 8 Carlos Strita 8 Carlos Strita 9 Soliudado anadensis angaz 9 Soliudado anadensis angaz 10 Carlos Strita 10 Carlos Strita 11 Carlos Strita 12 Carlos Strita 13 Carlos Strita 14 Carlos Strita 15 Carlos Strita 16 Carlos Strita 17 Carlos Strita 18 Carlos Strita 19 Carlos Strita 19 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 11 Carlos Strita 12 Carlos Strita 12 Carlos Strita 13 Carlos Strita 14 Carlos Strita 15 Carlos Strita 16 Carlos Strita 17 Carlos Strita 18 Carlos Strita 19 Carlos Strita 19 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 11 Carlos Strita 12 Carlos Strita 12 Carlos Strita 13 Carlos Strita 14 Carlos Strita 15 Carlos Strita 16 Carlos Strita 17 Carlos Strita 18 Carlos Strita 19 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 11 Carlos Strita 11 Carlos Strita 12 Carlos Strita 12 Carlos Strita 13 Carlos Strita 14 Carlos Strita 15 Carlos Strita 16 Carlos Strita 17 Carlos Strita 18 Carlos Strita 19 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 11 Carlos Strita 11 Carlos Strita 12 Carlos Strita 12 Carlos Strita 13 Carlos Strita 14 Carlos Strita 15 Carlos Strita 16 Carlos Strita 17 Carlos Strita 17 Carlos Strita 18 Carlos Strita 19 Carlos Strita 19 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 11 Carlos Strita 11 Carlos Strita 12 Carlos Strita 12 Carlos Strita 13 Carlos Strita 14 Carlos Strita 15 Carlos Strita 16 Carlos Strita 17 Carlos Strita 17 Carlos Strita 18 Carlos Strita 19 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 10 Carlos Strita 11 Carlos Strita 11 Carlos	2	Com/1)						7				\rightarrow					_	\neg
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2 Lindera benzoira Ref S-31-2412 2 3 1 4 1 2 2 3 1 4 1 1 1 1 2 1	2	Liciadondon tulion		2		1 1	7	1		_		\dashv					Ta l	\dashv
Lindera benzoin Coxalis stricta Lysmodic Unterposas Lindera benzoin Lysmodic Unterposas		Hackelia Vicainian				10		4		_	_	_			_			\dashv
2 Oxalis stricta RES 8-3-2012 2 Otat Hotal Lysmodicul 44-0236 4 10 Carp SD Lysmodicul 44-0236 2 Calliant 8 Adaption 22-12 X 258 183 2 Saliand 8 Adaption 22-12 X 258 183 2 Rosa multitlera 2 Carex SD Solidado andersis 22-2 X inous atrovinens 2 Sirous atrovinens 2 Carex SD Care SD Acer rubour Migurianum 2 Carex SD Acer rubour 3 Acer rubour 4 Renarthes SD 12 4 Renarthes SD 12 5 Acer rubour	3	021139				11	, 0	7	1			_						\dashv
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Calling SD Sam and Sambers Carex SD Area arther SD	7	Higher Lysimodico	44-0236					1	N			_	and the same			53		\dashv
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2 Germ Caradense 5 8 Carpinis archiniana 2 8 Carpinis archiniana 2 1 Reservations Sp. 2 2 Rossa multitiona 2 2 Carex Sp. 2 2 Solidado andensis asia X 258/84 2 1 Catagonum Migninianum 2 2 Polyaphum Migninianum 2 2 Repartites Sp. 2 Prenantiles Sp. 3 Acer Outrum 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	2	allium 8 adoration	3/	_				W	N								0121	\dashv
5 8 Carpinus ardiniana 2 Asclepias sp. 2 Asclepias sp. 2 Resamultitlora 2 Carex sp. 2 Solidodo andensissana X 258/84 2 Sirous atomirens 2 Folyanum Miginianum 2 Carex sp. 2 Prenantiles sp. 4 Recombines sp. 4 Recombines sp. 1 2	2	canadense				120		1)	1									\dashv
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1. Crategous SD. 2. Polyaphum Miginianum 2. Carex SD. 2. Il 2. Prenarthes SD. Are- ruboum 1. 2. Il 1.	<i>N</i>	atronirens				/	N					_			Sept.		-	\dashv
2 Rolygonum Nilginianum 2 Carex SD. 2 Prenantiles SD. Aver rubrum 1 2				-									a Mineral Reference					\dashv
2 Carex sp. 2 Prenarthes sp. Aver ruboum 12	2	Nica					2										(34)	\dashv
2 Prenarthes Sp. Acer rubrum 12	7	Mex SD. 2					N									455		\dashv
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	2,	911		12													1000	\square
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	CLE	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Shee	π Co	PCAP	Assessn	nent Pro	gram N	atural V	nt Program Natural Woody Ste Project Name: 0 Br 2012	tem Dat	ta Sheet Plot No.:	1281		Page:	-	of T	Sciencia	Cifvetand Metroparks
		Explain subsample (additional room on back):	n back	ů.														
			,		# stems 0-1.4m	% sub or super	shrub	size class	size class (cm) woody stems >1.4m	y stems >1	5 -	5	6 6	70 - 425	25 8 8 30	30 - A35	35 - <40	>40 (record each tree)
	7	Frozin					_											
	1	Liriadenderon tulipitua																
	7	Phannus frangula.			0 8	la l	,											
	<	Standing dead							•									
	7	Rubus permsylvanica					•		-									
•	F	Incur saccharum							0 1	9.0	•		•					
	4	tilia americana		. 1	0													मा.2
ヘド	+	Froginus Sp.																
3	7	Parthenocissus quingundia			6.9					* #1 20								
	7	Vitis sp.	i H		•													
	K	Frayinus sp.			7			9 0										
	17	standing dead						×	BIRK	•								५२.५
	X	Historia hulipitera			0 0			•										
,	8	Parthenocissus grippy	זלרס	etolia	0 0			2.0										
	B	Acer socchorum							ì						•			
	19	Canja sp.			•		No.											
,	P	Carpinus caroliniana			•					0								
	12	Fagus grandifolia-																
	12	Lindera benzoin				•			No.									
	W	Wimus Sp.			1.										÷		THE STATE OF	
_	15	Phoenius frangula			0 0		0											
NA NA	A				00													
<u>a</u>	X	Lonicera movionii			_1		0 0											
	12	Rubus pennsylvanich			• /		0 0											



Woody Stem Deer Browse

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

Record using the tally system from 1 to













ASH CANOPY CONDITION

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



В

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D

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ASH CANOPY BREAKUP CONDITION (for dead trees):

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

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

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



							discrete:	ici mierroparks
Tier 1: Early detection	/ Rapid response			Pres	ence		GPS	
			NE	SE	SW	NW		Presence
Microstegium vimineum	Japanese stiltgrass							X: yes
Ranunculus ficaria	Lesser Celandine							
Cynanchum louiseae (vine	Black Swallow-wort						<u> </u>	
Butomus umbellatus (wetland	I) Flowering Rush							
Heracleum mantegazzianum	Giant Hogweed							
Tier 2: Assess	as Needed			# of I	Plants		comments	
			NE	SE	SW	NW		# of Plants
Acer platanoides	Norway Maple							1: 1-10
Ailanthus altissima	Tree of Heaven							2: 11-50.
onicera japonica (vine)	Japanese Honeysuckle							3: 51-100
ythrum salicaria (wetland)	Purple Loosestrife							4: 101-1,000
Aegopodium podagraria (G-cover	Bishop's Goutweed							5: >1,000
Celastrus orbiculatus (vine)	Asian Bittersweet							
Torilis sp.	Hedgeparsley							
Conium maculatum	Poison Hemlock							
Rhamnus cathartica	Common Buckthorn (s	shrub)						
Berberis thunbergii		shrub)	a	त्रे	3			-0.00
Alnus glutinosa	European Alder							- 1
Dipsacus laciniatus	Cut-leaf Teasel							
Elaeagnus umbellata	Autumn Olive (s	shrub)						
onicera maackii	 	shrub)	1		2			
Luonymus fortunei	Wintercreeper						* ***	
Tier 3: Presence			10/5/0	# of I	lants	200	comments	
A STATE OF THE PARTY OF THE PAR			NE	SE	sw	NW		# of Plants
Convallaria majalis (G-cover	Lily of the Valley						'	1: 1-10
Coronilla varia (G-cover								2: 11-50.
Eleutherococcus pentaphyllus	Five-leaf Aralia (s	shrub)						3: 51-100
	Japanese Pachysandra							4: 101-1,000
Philadelphus coronarius	† : 	shrub)						5: >1,000
	Lungwort							
Rubus phoenicolasius	Wineberry							-
	Yellow Flag Iris							
Ornithogalum umbellatum	Star of Bethlehem							
Viburnum opulus var. opulus	European Cranberry (s	shrub)						
Viburnum plicatum		shrub)						
Tier 4: Widespread				Pres	ence	<u> </u>	comments	
BENEFIT OF SERVICE STATE OF SERVICE		MAN N	NE		sw	NW		# of Plants
Alliaria petiolata	Garlic Mustard				2	2		1: 1-10
igustrum vulgare		hrub)	2	1	2	Z		2: 11-50.
L. morrowii, L. tatarica		shrub)	4	2	2	2		3: 51-100
Phalaris arundinacea	Reed Canarygrass		-					4: 101-1,000
Phragmites australis (wetland)	Phragmites		-					5: >1,000
Polygonum cuspidatum	Japanese Knotweed							
rangula alnus		hrub)		×2	2			
Rosa multiflora		hrub)	5	2	4	W		
Typha angustifolia, T. x.glauca	Cattails (wetland)							
Cirsium arvense	Canada thistle				-			
Dipsacus fullonum	Common Teasel			 				
Hesperis matronalis	Dame's Rocket							
/inca minor (G-cover)	Periwinkle			\vdash				
/inca minor (G-cover)	Ti ci imiliyic			L				I)

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

CLEVELAND METROPARKS Emerald Ash Borer - Fraxinus Sheet 23 20 13 Tree 24 2 8 12 10 19 17 15 6 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) 25/ Project Label: PCAP Dead Project Name: 0/8(2012 (cm) Ht @ Ash *Dead
DBH condition condition ASH Only

*Exit Epicormic present INTENSIVE MODULES ONLY TREES \geq 10CM ONLY Plot No.: 128i Date: 8/8/12Woodpecker holes Baseline Map all ash trees ≥10cm in each module using Tree ID number *** Change intensive module numbers when necessary 2 9 Z Page: 1 of 2 æ ω

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

Project Label: PCAP Project Name: 0 87 2012

Plot No.: |28

(S) Oleveland Rebuparka Page: 1 of 1

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

			Module #
			C?
			Corner Corner
			Corner

CLASSIFICATION		
(FIT = excellent, g Fit and Confidence		
livdrogeomorphic class (WETLANDS ONLY):		
DEPRESSION	File	Conf
a IMPOUNDMENT a Beaver a Human	File	Conf=
□ RIVERINE □ Headwater □ Mainstem □ Channel	Fit=	Conf=
☐ SLOPE (ground water hydrology or on a physical slop)	Fil=	Conf=
□ FRINGING □ Reservoir □ Natural Lake	Fil=	Conf=
□ COASTAL (specify subclass)	File	Conf=
BOG (strongly, moderately, weekly ombrotrophic)	Fil=	Conf=
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	Ë	
□ FOREST □ swamp forest □ bog forest □ forest seep □ EMERGENT □ marsh □ wet meadow □ open bog		Conf=
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	Fi(=	Conf=

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Slope 1 = slight elevational grade across module (hill) Ranks for microhabilat features. 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 weltand 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

					c.w.d coun	for pieces with	c.w.d count for pieces with minimum 1m length		
		no_of	no of	по, пасто,	c,w,d	c.w.d	c.w.d	microhab.	microhab.
		tussocks	hummocks	depressions	(2-12 cm)	(12-40cm)	>40 cm	interspers.	
			uplands (Tip-Ups)						
		depth 3	depth 2	depth I	depth I	depth 1	depth 1	depth I	SLOPE
		lxim	3.16x3.16m	10x10m	10x10m	10x10m	10x10m	10x10m	10x10m
mod#	corner	(count)	(count)	(count)	(count)	(count)	(count)	(rank)	(rank)
10	1	0	0	2	19	7	0	۵	10
6		0	0	_	16	_	0	(s)	+2
NOTE: tussoc	k and hummocks	are counted in 80	NOTE: tussock and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.	ers but counts are a	ggregated.	ור	0		
•					2	U	C		

[FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD] McNAB INDICES (degrees) + for up - for down

+45 degrees +90 degree:

Ä

At aspect

z

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

+315 degrees +270 degrees +225 degrees

¥

+180 degrees

S

SW

eye of person w.w.

recorders eye to angle from

¥

+135 degrees

SE

angles formed by local slopes. For TSI measure

LF1 is angle of plot to the horizon. TSI is

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

ŧ	વ	+ 2	<u>-</u> ا	Module	
(-	ଚ		Z	
ĺ	}	6	9	s	
()	ડ	4	₪	
1	ı	13	0	W	L

00

U

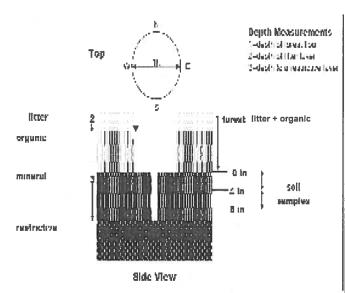
>

COVER BY STRATA

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

^{*}Very tall shrubs are sometimes included in the tree stratum

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



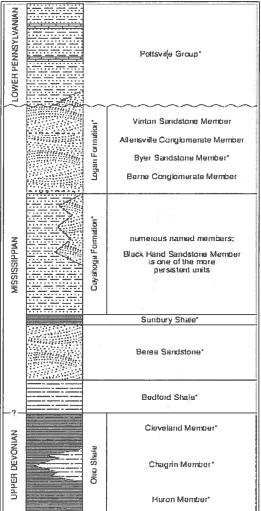


FIGURE 3-20.—Generalized section of Upper Devonian, Misissippian, and Lower Pennsylvanian formations in northeastern Orio. Asterisks indicate units that are fossiliferous. This composite section regressints about 400 meters of rock exposed across the area. The section is not to scale, but the thicknesses indicated are proportional. The term "Waverty is used in the closer hierarcure to refer it Mississippian rocks in Orio. Some geologists uses the European nerm "Carboniferous," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Farmation, but most units are local and cannot be traced over great distances. The Black Hand Member is a spectarular massive analstone that is fairly widespread four discontinuous. See Hyde (1933), Hower (1960), and Colline (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

CLEVELAND METROPARKS Plant Community Assessment Program - Solls, Crown Cover, Standing Biomass Data Sheet 6a Project label: PCAP Project Name: Br 2012 Plot No.: 1281

(Concessed the trapents

Page: 1 of 1

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

Soil pit module # 2 (one per entire plot)

20 cm 6 cm matrix color hydro cond *** oxid roots texture* matrix color edox features** exture* hydr cond *** oxid roots edox features** nottle color mottle mottle ottle color 10 YR 3/3 OYR 3/2 Z NA O 0 S 3 0 0 0 S 0 8 Z D

refer to texture classes on reverse side

** e g_hydrogen sulfide odor, gleying, etc.
*** Circle one:

I=indundated S=saturated M=moist D=dry.

Notes: include evidence of earthworms (worms

Notes: include evidence of earthworms (worms, castings, middens)

Earthworms found in

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

ブナ	
7-27-12	

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

)	1	2	_	mod#
()	5.6	4.8	f litter+ organic depth (cm)
\	١	8,7	11.8	2 litter depth (cm)
1)	0	0	water depth (cm)
1	(730	>30	depth sat

	**** <5 cm in diameter Other	*** >5 cm in diameter Road Trail	**Boulder => 10 in Bare Soil	* Gravel-Cobble = 1/16-10" Water	Bedrock O Bryophyte- Lichen	Boulder** O Duff (Ferm. + Humus)	Gravel-Cobble* O Litter	Mineral Soil 100 Fine Woody Debris****	Histosol Coarse Woody Debris***	(Sum = 100%) percent (Each ≤ 100%)	Underlying Earth Surface* Ground Cover	EARTH SURFACE & GROUND COVER
10.000	0	0		0	hen	lumus)	90	ebris****	Debris*** 13	percent		

Bridle
 Hiking sanctioned

Bootleg unsanctioned

Gravel

5

છું

TRAIL INFORMATION:

scord type and cover for each

ype

%Cover

All Purpose

COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	
*	

 rooted and floating or slightly emersed 	(Aquatic)*	(Floating)*	Herb	Shrub	Tree	Strata
ig or slightly emer	1	1	< .0,5	0.5.5	8.5	Height Range (m)
red	-		13	43	63	Total Cover (%)

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

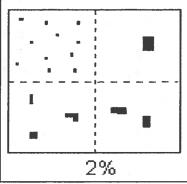
DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.

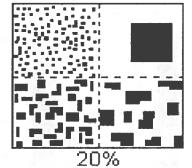
submersed, most plant mass below surface

o < plot size</p>



Class	С	ode	Criteria: % of
To the second	Conv.	NASIS	Surface Area Covered
Few	f	#	< 2
Common	c	4 <u>3.</u> 17	2 to < 20
Many	[m	#	≥ 20

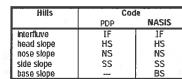


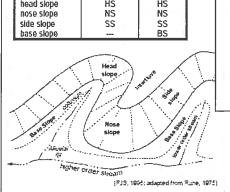


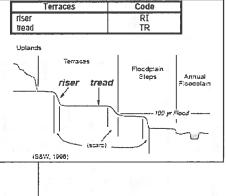
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but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

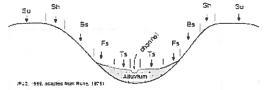






Hillslope - Profile Position (Hillslope Position in PDP) - Twodimensional descriptors of parts of line segments (i.e., slope position) along a transect that runs up and down the slope; e.g., backslope or BS. This is best applied to transects or points, not areas.

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 flooded".

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

		-																					
•		per	9		g II		FO	RM B-1:	BUFF	ER	SAI	MPL	ΕP	LO1	rs (F	ront)	17:4	Review	ed by	(initial)):		•
Site I	D:	CAP	BC	12	81										DATE	E: 0.8	108	71	a	0	1.0	2	
Locati	on:			1,			7-1		Fill	in b	ubb	le(s) if p	lot(s	s) cou	ild not be	sample	ed a	nd fl	ag -	→	Ė	T
@ AA	Center	C	N	0	S	01	E O	W	7022	lot			Plot			Plot 3							
						D - 1			Buffer							N N							
																Absent: No tree oderate(10-40		vy (40	-75%)	4 = V	ery H	eavy ((>75%)
Buffer	Canop	у Тур	e: 6) () A	bsen	t: O	Buffer	Canopy	у Тур	e: (º) () AI	bsent	t: O	Buffer	Canopy	Туре	e: (0)	(1)	Ab	sent	: ()
Plot 1	Lea	f Typ	e: (0			Flag	Plot 2	Lea	f Typ	e: () (Flag	Plot 3	Leaf	Туре	: <u>0</u>	0	一		Flag
Big Trees (>	0.3m DBH)	0	0	(3)	0	0		Big Trees (•0.3m DBH)	0	0	0	0	0		Big Trees	(>0.3m DBH)	0	0	0	0	0	
mall Trees (<	0.3m DBH	0	0	(2)	0	0		Small Trees (<0.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH)	0	0	0	0	0	
Noody Shrubs (0.5m-	s, Saplings 5m HIGH)	0	0	0	0	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)	0	0	2	0	0	3 1		ıbs, Saplings im-5m HIGH)		0	(2)	0	0	
Noody Shrubs (<0.	, Saplings 5m HIGH)	0	•	0	0	0		Woody Shrub	s, Saplings).5m HIGH)	0	0	0	0	0	·	Woody Shru	bs, Saplings 0.5m HIGH)		0	0	0	0	
	orbs and Grasses		0	0	0	0			Forbs and Grasses	0	0	0	0	0			Forbs and Grasses	0	0	0	0	0	
Bare	ground	0	0	2	0	0		Bare	ground	0	0	0	0	0	-	Bar	e ground	0	0	0	0	0	
Litt	ter, duff	0	0	2	0	0		Li	tter, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	Ō	
	Rock	0	0	0	0	0			Rock	0	0	①	0	0			Rock	0	0	0	0	0	
	Water	0	0	3	0	0			Water	0	Ō	0	0	0			Water	Ō	0	0	0	$\overline{0}$	
	bmerged egetation	(0	(2)	0	0	-		ubmerged egetation	0	0	0	0	0			Submerged Vegetation	0	0	0	0	Ō	
		ence	e/Ab	send	_	_	rm that					_			ı unfilled	bubble indic		_					0
Resi	dential	and	Urba	an S	tres	sors			Hydrolo	gy S	tres	sors		May .	TUTH		Agricult	ural 8	& Ru	ral S	tres	sors	
ill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - Pl	ot	1	2	3	Flag
Road - gra	vel			0	0	0		Ditches, C	hanneliza	ition	338	0	0	0		Pasture/Ha	ıy			0	0	0	
Road - two	lane			0	0	0		Dike/Dam/		Bed		0	0	0		Range				0	0	0	
Road - fou	r lane			0	0	0		Water Lev	The second second	Stru	cture	0	0	0		Row Crops				0	0	0	
Parking Lo	t/Pavem	ent		0	0	0		Excavation	, Dredgir	ng		0	0	0		Fallow Field		RESTIN	1G	0	0	0	ě.
Golf Cours	e			0	0	0		Fill/Spoil B				0	0	0	12	Fallow Field SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park				0	0	0		Freshly De (UNVEGETAT		Sedim	ent	0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F		sure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A		ding		0	0	0	
Dumping			- 22.2	0	0	0		(EFFLUENT C	R STORM	VATER)	0	0	0		Rural Resid	dential		-	0	0	0	
Trash	20 15 DL 2			0	0	0		(SHEETFLOW		input		0	0	0		Gravel Pit				0	0	0	e e e e e e
Other:				0	0	0		Other:			_	0	0	0		Imigation			-	0	0	0	
Other:			_	0	0	0		Other:			_	0	0	0		Other:	W. Astron		_	0	0	0	
Indus	strial Do	evelo	pme	ent S	Stres	sor	3					ŀ	labit	tat/V	egeta	tion Stress	ors						
ill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if preser	nt - F	lot	1	2	3	Flag	Fill bubb	le if prese	ent - F	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut	199		0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shr	ub Cutting)		0	0	0	
Mine (surfa	ice)			0	0	0		Tree Planta				0	0	0	-	Trails		4		0	0	0	
Mine (unde	erground)		0	0	0		Tree Canop (INSECT)				0	0	0		Soil Compa (ANIMAL OR HI				0	0	0	
Military				0	0	0		Shrub Layer (WILD OR DOM	RESTIC)			•	0	0		Offroad veh				0	0	0	
Other:				0	0	0		Highly Graz (OVERALL <3"	HIGH)			0	0	0		Soil erosion OR OVERUSE)		ID, WA	TER,	0	0	0	
Other:			Table 1	0	0	0		Recently Bu Canopy	med For	est		0	0	0		Other:				0	0	0	
Other:				0	0	0		Recently Bu (BLACKENED)	med Gra	sslar	nd	0	0	0	. 10	Other:				0	0	0	
Fia	g codes:	K = N	lo mea	asure	ment			uspect measu							igned by	y each field cr	ew.	2	2428	168	304	7	
Bu	iffer San	nple F	lots	05,	/27/2		witt (III II	- Ae iii coiiiii			. IO Da	OR OI	una ru										

FO	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC) ALI	EN SPECIES (Back) Reviewed by	/ (initial):		
Site ID:	016	D A		125		DAT	E: g		- 1	0812012			101	
	101	-1 -		100			ئے					200		71L
@ Confirm	a fille	ed da	ta b	ubble i	ndicates presence and an unf	illed I	bubbl	e inc	dicates	absence by filling in this bub	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	
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	
Location of coordinate AA CENTER ON	e s (c	hoos O S	se o 3	ne): O E3	O W3 O Nearest pra	ctica	ble lo	catio	on (flag	g and comment below)	. <i>7</i> .		Fla	3g
Flag Comments														
Buffer Sample Po	ointe	_ Tar	geto	d Alion	Species 05/27/2011					796	5662	354	8	•

	Ř.		(3/3)	(F)	84	NA.	FO	RM B-1:	BUFF	ER	SAI	MPL	ΕP	LOT	S (F	ront)	TEB ST	Review	ved by	(initial)):		
Site I	D: P	CAP	Bo	12	101											0.8						2	
Location		UNI	1/1	.,		T y		TA 23 0	Fill	in b	ubb	le(s) if p	lot(s		ıld not be						* _	
OAAC		•	N	0	s	01	E O	w	OF				Plot			Plot 3							
3.20									Buffer			_											
																Absent: No tre oderate(10-40		vy (40	-75%)	; 4 = V	ery H	eavy (>75%)
Buffer	Canop	у Тур	e: 🚺) () A	bsen	t: O	Buffer	Canopy	у Тур	e: () () AI	bsent	: ()	Buffer	Canopy	Туре	e: 🙆	(E)	Ab	sent	: ()
Plot 1	Lea	f Тур	e: (5		Flag	Plot 2		f Typ	- 2		_		Flag	Plot 3	Leaf	Туре	: (<u> </u>	-		Flag
Big Trees (>	0.3m DBH)	0	0	2	(1)	(Big Trees (>	•0.3m DBH)	0	0	2		0		Big Trees	(>0.3m DBH)	@	0	2	0	0	
mall Trees (<	0.3m DBH	0	0	2	0	0		Small Trees (<0.3m DBH)	0	0	2	0	9		Small Trees	(<0.3m DBH)	0	0	2	(1)	0	
Woody Shrubs (0.5m-	, Saplings 5m HIGH)		0	0	<u> </u>	0		Woody Shrub (0.5m	s, Saplings 1-5m HIGH)	0	0	2	6	0			ubs, Saplings im-5m HIGH)	0	0	(1)	0	Ø	
Woody Shrubs (<0.	, Saplings 5m HIGH)		•	2	0	0		Woody Shrub (<0	s, Saplings).5m HIGH)	0	1	0	0	0			ıbs, Saplings <0.5m HIGH)	0	0	0	(\odot	
Herbs, F	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	0	3	0		Herbs	Forbs and Grasses	0	0	2	0	(3)	
Bare	ground	0	0	0	0	0		Bare	ground	0	3	(2)	3	0		Bai	re ground	0	0	0	0	0	
Litt	er, duff	0	0	(2)	0	0		Li	tter, duff	0	0	(2)	<u> </u>	6		L	itter, duff.	0	0	0	0	0	
	Rock	1	0	0	0	0			Rock	0	1	0	0	0			Rock	(2)	0	2	0	0	
	Water	1	0	2	0	0			Water	0	0	0	0	0			Water	(0	0	0	0	
	bmerged egetation	1	0	3	0	0			ubmerged egetation	6	0	2	0	0			Submerged Vegetation	@	0	2	0	0	
Stress	or Pres	senc	e/Ab	send	ce -	Confi	irm that	a filled data	bubble ii	ndica	tes p	resen	ce an	d an	unfilled	bubble indi	cates abse	nce b	oy filli	ng thi	s bub	ble.	0
Resi	dential	and	Urb	an S	tres	sors			Hydrolo	gy S	tres	sors					Agricultu	ıral 8	& Ru	ral S	tres	sors	
Fill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e if preser	t - Pl	lot	1	2	3	Flag
Road - gra	vel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ву			0	0	0	
Road - two	lane			0	0	0		Dike/Dam/ (IMPEDE FLO		Bed	VI	0	0	0		Range		N/4 - 23	on (the	0	0	0	
Road - fou	ır lane			0	0	0		Water Lev	el Contro	l Stru	cture	0	0	0		Row Crops				0	0	0	
Parking Lo	t/Paven	nent		0	0	0		Excavation	n, Dredgir	ng		0	0	0		Fallow Fiel ROW CROP FIEL	D)		NG	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil B		- di-		0	0	0		Fallow Fiel SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park				0	0	0		(UNVEGETAT	ED)	ing -		0	0	0		Nursery				0	0	0	
Suburban		itial		0	0	0		Soil Loss/F	tomolina r	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	titamily			0	0	0		Wall/Ripra				0	0	0		Orchard	wissal Fac	سائد		0	0	0	
Landfill				0	0	0		Inlets, Out Point Sour	ce/Pipe			0	0	0		Confined A Rural Resi		ung		0	0	0	
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Other:				0	0	0		Other:	7)			0	0	0		Irrigation				0	0	0	
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Oil Drilling				0	0	0		Forest Clea				0	0	0		Herbicide U				0	0	0	
Gas Wells				0	0	0		Forest Sele				0	0	0		Mowing/Sh		,		0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta				0	0	0		Trails				0	0	0	**
Mine (unde		1)		0	0	0		Tree Canop	The state of the s	огу		0	0	0		Soil Compa				0	0	0	
Military				0	0	0		(INSECT) Shrub Laye		d		9	@	6		(ANIMAL OR H	Section 1	ae		0	0	0	
Other:				0	0	0		(WILD OR DON Highly Graz	ed Grass	es	W855	0	0	0		Soil erosion	(FROM WIN		TER,	0	0	0	
Other:			=		0	0		(OVERALL <3* Recently Bu	HIGH) Imed For	est		0	0	0		OR OVERUSE Other:)	-	-	0	0	0	
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Other:	a codes	: K = I	No me				e. U=S	(BLACKENED)	urement	F1.F2	2. etc				laned h	y each field c	rew.					0	
	uffer Sar				/27/	Exp		lags in comm											2428	3168	304		

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② Confirm :	a fille	d da	ta bu	ıbble ir	ndicates presence and an un	to the				absence by filling in this bubl	ole			
ill bubble if present - Plot	1	2	3		Fill bubble if present - Plot	1	2	3	Flag		1	2	3	Flac
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Vater hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	10161
'ellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0	-	Multiflora Rose	0	8	0	
iant Salvinia	0	0	0		Perennial Pepperweed	0	0	0	-	Common Buckthorn	0	0	0	
Sarlic Mustard	0	0	0		Giant Reed	0	0	0	-	Himalayan Blackberry	0	0	0	
oison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
lile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
irdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
anada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
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O este a traction a trace of	2450		YIS !!	SELVER.	PLOT COOR	DINA	TER	¥-11-4	Baunie				9	
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Site ID: CAPB: DATE: DAT														<u> </u>	a	0	1	رہ					
Location	on:		914	Sh.			26		Fill	in b	ubb	le(s) if p	lot(s	s) cou	ıld not be	sample	ed a	nd f	ag -	→		
OAAC	Center	C	N	0	S	6	E 0	W	Score State	Plot	March .		Plot			Plot 3							
Fill in bubble	es for all th	nat ap	olv: Ca	nopy	Tvpe:	D = 0	Deciduou		Buffer en. Leaf T				_			Absent: No tree	е сапору.						
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Buffer	Canop	у Тур	e: 📵) (A (bsen	t: O	Buffer	Canopy	у Тур	e: () AI	sent	t: ()	Buffer	1	Ab	sent	: 0			
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Big Trees (>	0.3m DBH)	0	0	0	0	0	_	Big Trees (>	-0.3m DBH)	0	0	②	0	<u> </u>		Big Trees	(>0.3m DBH)	0	0	0	0	•	11)=
mall Trees (<		_	0	(2)	•	0	35.5	Small Trees (-	0	0	0	<u>O</u>	May 1	Small Trees		\vdash	0	0	<u> </u>	•	-17
(0.5117311711311)			(a)	0	0	16		-5m HIGH)		0	0	0	<u> </u>	le in	(0.5	bs, Saplings m-5m HIGH)		0	0	0	0		
	5m HIGH)	0	0	0	0	0		Woody Shrub (<0		0	3	<u> </u>		Woody Shru	0	<u> </u>	0						
Herbs, F	Grasses	0	0	0	0	0		Herbs, I	0	0	<u> </u>	<u> </u>		Herbs,	0	0	0	12.5					
Bare	ground	0		0	0	0		Bare	0	0	0	<u>O</u>	. (6	Bar	0	<u> </u>	0	Ш					
Litt	ter, duff	0	0	<u> </u>	0	0		Li	tter, duff	0	0	0	3	0	£	_ " [itter, duff	0	0	0	0	•	1
	Rock	(2)	0	0	0	0	100		Rock	0	0	0	0	<u>O</u>			Rock	0	9	0	0	0	
	Water	6	0	0	0	0			Water	9	0	0	0	<u>O</u>			Water	0	0	0	0	0	
	bmerged egetation	(0	0	0	0			ubmerged egetation		0	0	0	<u> </u>			Submerged Vegetation	9	0	0	0	0	
Stress	or Pres	rm that	a filled data	bubble ii	ndica	tes p	resen	ce an	d an	unfilled	bubble indic	cates abse	ence l	by filli	ng thi	s but	ble.	•					
Resi	dential	and	Urba	an S	tres	sors			Hydrolo	gy S	tres	sors				Harris III	Agricult	ural	& Ru	ral S	tres	sors	
ill bubble	Plot	1	2	3	Flag	Fill bubble	e if prese	ent -	Plot	1	2	3	Flag	Fill bubble	e if preser	nt - P	lot	1	2	3	Flag		
Road - gra		0	0	0		Ditches, C				0	0	0		Pasture/Ha	ау			0	0	0			
Road - two	lane			0	0	0		Dike/Dam/ (IMPEDE FLO	W)			0	0	0		Range		1E		0	0	0	
Road - fou				0	0	0		Water Lev			ıcture	-	0	0		Row Crops Fallow Fiel		DECT	NC	0	0	0	
Parking Lo		nent		0	0	0		Excavation		ng		0	0	0		ROW CROP FIEL	.D)	-40	NG	0	0	0	
Golf Cours	1 000			0	0	0		Fill/Spoil B Freshly De		Sedin	nent	0	0	0		SHRUBS, TRE				0	00	0	
Lawn/Park Suburban		tial		0	0	0		(UNVEGETAT	ED)			0	0	0		Nursery			0	0	0		
Urban/Mul		uai		0	0	0		Wall/Ripra				0	0	0		Orchard			- 27	0	0	0	
Landfill	ululilily			0	0	0		Inlets, Out				0	0	0		Confined A	nimal Fee	ding		0	0	0	
Dumping	CONTRACT.			ō	0	0		Point Sour	ce/Pipe	NATE	21	0	0	0		Rural Resid	dential			0	0	0	
Trash			TAI.	0	0	0	-	Impervious	surface			0	0	0		Gravel Pit		117		0	0	0	
Other:	HILL PLANTS AND ADDRESS OF THE PARTY AND ADDRE			0	0	0		Other:	.,			0	0	0		Imigation				0	0	0	
Other:				0	0	0	- 1	Other:				0	0	0	_	Other:				0	0	0	
Indus	strial Do	evel	opm	ent S	Stres	sor	s						Habi	tat/V	egeta	tion Stress	sors						
ill bubble	if prese	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if pres	ent -	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide L	Jse			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut	III-E		0	0	0		Mowing/Sh	rub Cutting	9		0	0	0	
Mine (surface)					0	0		Tree Planta	tion			0	0	0		Trails				0	0	0	
Mine (unde	erground	1)	JAR	0	0	0		Tree Canop		огу		0	0	0		Soil Compa				0	0	0	
Military				0	0	0		Shrub Laye		d		0	•	0		Offroad veh	(Mariani Artic	ge		0	0	0	
Other:			76	0	0	0		(WILD OR DOM Highly Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WIN	-	TER,	•	0	0	
Other:				0	0	0		(OVERALL <3° Recently Bu		rest	- 17	0	0	0		OR OVERUSE Other:)			0	0	0	1
Other:				0	0	0		Canopy Recently Bu	ımed Gra	assla	nd	0	0	0		Other:	-			0	0	0	
_	ag codes:	K=1	- No me		L	-	e, U = S	(BLACKENED) uspect meas	urement	F1.E	2, etc.		100	0.00	igned b	y each field c	rew.	114				The second secon	
								lags in comm									Bran . in	WAR .	242	1168	3304		

Buffer Sample Plots 05/27/2011

					ER SAMPLE PLOTS -					Reviewed by	(initia	1):	100	•
Site ID:	PC	AP P.	50	1281	Logic Ref. House Sel	DAT	E: _	3 8		0810012			lie	
© Confirm	a fille	ed da	ta bı	ıbble i	ndicates presence and an unf	illed l	bubb	le ind	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	
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		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			0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	00	0	0	
										Other:	0	0	0	
PLOT COORDINATES														
O AA CENTER O N		O S		€ E3	O W3 O Nearest pra	Lon	gitu	de V		g and comment below)	.8.			
Flag Comments														
	4-1										20222			4
la legitari			-,											
4 2 9 2		H												
Buffer Sample Po	oints	- Tar	gete	d Alien	Species 05/27/2011					796	662	354	8	•

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MILLON

FORM B-1: BUFFER SAMPLE PLOTS (Front) Site ID: PLATE: DATE:	
O AA Center O N S O E O W O Plot 1 O Plot 2 O Plot 3 Buffer Natural Cover Strata Fill in bubbles for all that apply. Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy.	
O AA Center O N S O E O W O Plot 1 O Plot 2 O Plot 3 Buffer Natural Cover Strata Fill in bubbles for all that apply. Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy.	i
Buffer Natural Cover Strata Fill in bubbles for all that apply. Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy.	
Fill in bubbles for all that apply. Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy.	
CALLE O DELL'EST LIBERT LA CONTRACTOR DE LA CONTRACTOR DEL CONTRACTOR DE LA CONTRACTOR DE L	
Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2=Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heav	y (>75%)
Buffer Canopy Type: Absent: Canopy Type:	nt: O
Plot 1 Leaf Type: Plot 2 Leaf Type: Plot 3 Leaf Type: Plot 3 Leaf Type:	Flag
Big Trees (>0.3m DBH) ① ① ② ② ② O Big Trees (>0.3m DBH) ② ② O Big Trees (>0.3m DBH) ③ ① ② ② ② O O O ② ② ② ② O	+
Small Trees (<0.3m DBH)	<u> </u>
Woody Shrubs, Saplings (0.5m-5m HIGH) 0 0 0 0 Woody Shrubs, Saplings (0.5m-5m HIGH) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0)
Woody Shrubs, Saplings (<0.5m HIGH))
Herbs, Forbs and Grasses O O O O O O O O O O O O O O O O O O)
Bare ground O M O O O Bare ground O O O O Bare ground O O O)
Litter, duff O O O O O O O O O O O O O O O O O O)
Rock O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0)
Water 0 0 0 0 0 Water 0 0 0 0 Water	
Submerged Vegetation V)
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble	. 🕖
Residential and Urban Stressors Hydrology Stressors Agricultural & Rural Stressor	rs
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
Road - gravel OOO Ditches, Channelization OOO Pasture/Hay OOO)
Road - two lane OOO Dike/Dam/Road/RR Bed OOO Range OOO	,
Road - four lane OOO Water Level Control Structure OOO Row Crops OOO	,
Parking Lot/Pavement O O O Excavation, Dredging O O O Fallow Field (RECENT-RESTING O O O)
Golf Course OOO Fill/Spoil Banks OOO Fallow Field (OLD - GRASS, SHRUBS, TREES))
Lawn/Park O O O Freshly Deposited Sediment O O O Nursery O O O)
Suburban Residential O O O Soil Loss/Root Exposure O O Dairy O O O	_
Urban/Multifamily O O Wall/Riprap O O O Orchard O O)
)
Landfill O O O Inlets, Outlets O O O Confined Animal Feeding O O O	211
Dumping O O O Point Source/Pipe (EFFLUENT OR STORMWATER) O O O Rural Residential O O O	100
Dumping O O Point Source/Pipe (EFFLUENT OR STORMWATER) O O Rural Residential O O Trash O <td< td=""><td></td></td<>	
Dumping O O Point Source/Pipe (EFFLUENT OR STORMWATER) O O Rural Residential O O Trash O O O Impervious surface input (SHEETFLOW) O O Gravel Pit O O O Other: O O O Irrigation O O O)
Dumping O O Point Source/Pipe (EFFLUENT OR STORMWATER) O O Rural Residential O O Trash O <td< td=""><td>)</td></td<>)
Dumping O O Point Source/Pipe (EFFLUENT OR STORMWATER) O O Rural Residential O O Trash O O O Impervious surface input (SHEETFLOW) O O Gravel Pit O O O Other: O O O Irrigation O O O)
Dumping O O Point Source/Pipe (EFFLUENT OR STORMWATER) O O Rural Residential O O Trash O O O O O Gravel Pit O O O Other: O O O O Irrigation O O O Other: O O O O O O O O O)
Dumping O O Point Source/Pipe (EFFLUENT OR STORMWATER) O O Rural Residential O O Trash O O O Impervious surface input (SHEETFLOW) O O Gravel Pit O O O Other: O O O O Irrigation O O O Other: O O O O O O O O Industrial Development Stressors Habitat/Vegetation Stressors	Flag
Dumping O O Point Source/Pipe (EFFLUENT OR STORMWATER) O O Rural Residential O O Trash O O O Impervious surface input (SHEETFLOW) O O Gravel Pit O O O Other: O O O O Irrigation O O O Other: O O O O O O O O Industrial Development Stressors Habitat/Vegetation Stressors 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 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 Fill bubble if present - Plot 1 2 3 Flag Fill bubble if present - Plot 1 2 3	Flag
Dumping	Flag
Dumping O O Point Source/Pipe (EFFLUENT OR STORMWATER) (EFFLUENT OR STORMWATER) O O Rural Residential O	Flag))
Dumping	Flag

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



						ER SAMPLE PLOTS -	TAF	RGE	TEI	D ALI	EN SPECIES (Back) Reviewed by	y (initia	l):		
	Site ID:	PC	AP	Br	128	8/	DAT	E: _	8.8	<u> </u>	0.8. 2.0.1.0.				
	@ Confirm	a fille	ed da	ıta bı	ubble i	ndicates presence and an unf	illed	bubb	le ind	dicates	absence by filling in this bub	ble			
Fill bubb	le 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	Watermilfojl	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hy	acinth 🐞	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	ЫП
Yellow F	loating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Sa	Ivinia 🤻	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic M	ustard 🦠	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0 0 0	0	0	
Poison H	lemlock 45	0	0	0		Cheatgrass	0	0	0		Tamarisk		0	0	
Mile-A-M	inute Weed	0	0	0		Reed Canary Grass		0	0		Other:		0 0		
Birdsfoot	Trefoil	0	0	0		Common Reed	0	0	0		Other:				
Canada	Thistle	0	0	0		Leafy Spurge		0	0		Other:	0	0	0	
	ELMIN TO					90					Other:	0	0	0	
		Brut.			N N	PLOT COORI	DINA	TES	3	ST IS					
Plots are lag box, either pla Locat	centered on the Bur and describe where	ffer T the c cente	ranse coordi er of F	ects a inate: Plot 3 se o	and the s were as pos	coordinates will indicate the loc taken and why in the comment ssible or at the center of the last	ation section acce	of the	e tran ow. T e Buff	sect. F The coo fer Plot	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical and comment below)	ation"	bubt	ole, fi	ll in th be
	Latitude I	Vort	hu	,(]. 3	Use Decimal Deg				Vest <u>C</u>	0.6.1.35	.3.			
														rych.	
Flag	Comments														
	There	is	0	1	bri	dal trail or	١	tn	1	N	orth side i	·Ł	4	n	
	plot.														
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	16	-				80 1									
	6							100	and the same						
		0.5	E-00		-			Charles	20 111	Variable		2 7 2 4			James and Street
	Buffer Sample P	oints	- Tar	gete	d Alien	Species 05/27/2011					796	6662	354	8	•

•	374		DE:			LV.	FOI	RM B-1:										Reviewed				•
Site I	10: 10	CAPI	BCI	281	<u>/</u>			<u> </u>							DATE	ild not be	105	ے اے	20		2	
Location	on:		18	1) [j i	2000			Fill	in b	ubb	le(s)) if p	lot(s	s) cou	uld not be	sample	ed and	d flag	\rightarrow		
OAAC	Center	C	N	0	S	01	Ξ 📀	W	THE PERSON NAMED IN	Plot 1		7505	Plot	legaci.	1000	Plot 3	Line I			100		
								us; E = Evergre ch strata type fo		Гуре: В	B = Bro	oadlea	f; N = I	Needle	e Leaf. A			vy (40-75	5%); 4 =	Very I	leavy	(>75%)
Buffer	Canop	у Тур	e: (()	Absent:				Buffer	Canopy	у Тур	e: 🜠	•	Absent:		Buffer Canopy Type:) A	bsent	t: ()	
Plot 1	lot 1 Leaf Type:					Flag	Plot 2	Lea	f Typ	e: 💋) (Flag	Plot 3	Leaf	Type:	<u> </u>	Ð		Flag	
Big Trees (>	Big Trees (>0.3m DBH)					Big Trees (>	*0.3m DBH)	0	0	2		<u>O</u>		Big Trees	(>0.3m DBH)	0	D (C		0			
mall Trees (<	mall Trees (<0.3m DBH)					Small Trees (0		0	0		Small Trees	(<0.3m DBH)	0	D (C		0					
Voody Shrubs (0.5m-	s, Saplings -5m HIGH)		0		<u></u>	0		Woody Shrubs, Saplings (0.5m-5m HIGH)					3	0			ibs, Saplings m-5m HIGH)	0	X	0	0	
Woody Shrubs (<0.	s, Saplings .5m HIGH)		4		0	0		Woody Shrubs (<0	s, Saplings).5m HIGH)		0		0	0		Woody Shru (<	bs, Saplings 0.5m HIGH)	0 (9 (2	0	0	
Herbs, F	orbs and Grasses		(2	<u></u>	0		0.00000					0	0		Herbs,	Forbs and Grasses	0 ((2)	0	0	
Bare	ground	0	9	2	0	0		Bare	ground	0	(0	0	0		Bar	e ground	0 () (2	0	0	
Litt	ter, duff	0	0	0	0			Litter, duff		0	0	2	0			L	itter, duff	0	D 6	3	0	
	Rock			0	0	0			Rock	0		0	0	0			Rock	0	D 0		0	
	Water		0	②	0	0			Water		0	0	0	0			Water	0	9 (2	0	0	
	ibmerged egetation		0	0	0	0			ubmerged egetation	(0	0	0	0			Submerged Vegetation	Ø	0	+-	0	
			e/Abs	senc	e - (Confi	rm that			_	tes pr	esen	ce and	d an	unfilled	1		nce by	filling t	his bu	bble.	•
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble. (Residential and Urban Stressors Hydrology Stressors Agricultural & Rural Stressors															3							
ill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if presen	t - Plot	1	2	3	Flag
Road - gra	vel			0	0	0		Ditches, Ch			48	•	0	0	7	Pasture/Ha	у		0	0	0	
Road - two	lane		IA	0	0	0		Dike/Dam/I		Bed		0	0	0		Range			0		0	
Road - fou	r lane		2007	0	0	0		Water Leve		l Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	t/Pavem	nent		0	0	0		Excavation	, Dredgin	ng		0	0	0	*	Fallow Field ROW CROP FIELD	D)		0	0	0	
Golf Cours	ie	T. C.		0	0	0		Fill/Spoil Ba	Banks eposited Sediment			0	0	0		Fallow Field SHRUBS, TRE		ASS,	0	0	0	
Lawn/Park	400		2	0	0	0	6	(UNVEGETATI	ED)	0	0	0	81	Nursery				0	0			
Suburban		tial	1991	0	0	0		Soil Loss/R	the line	0	0	0		Dairy				0	0			
Urban/Mult	tifamily			0	0	0		Wall/Riprar				0	0	0		Orchard		-471	0		0	
Landfill				0	0	0		Inlets, Outle				0	0	0		Confined Animal Feeding				0	0	
Dumping		1		0	0	0		(EFFLUENT O	RSTORM			0	0	0	1	Rural Residential				0	0	
Trash				0	0	0		(SHEETFLOW			777	0	0	0	Ī	Gravel Pit		50	0	0	0	-
Other:				0	0	0		Other:	-		-	0	0	0		Imigation			0	0	0	
Other:				0	0	0		Other:			1	0	0	0		Other:			_ 0	0	0	
Indus	strial De	evelo	pme	nt S	tres	sors							labit	at/V		tion Stress	ors			1		- 54
ill bubble	if prese	ent - P	lot	1	2	3	Flag	Fill bubble	if preser	nt - P	lot	1	2	3	Flag	Fill bubbl	le if prese	nt - Plo		2	3	Flag
Oil Drilling				0	0	0		Forest Clear	Cut			0	0	0		Herbicide U	se		0	0	0	
Gas Wells				0	0	0		Forest Selec	ctive Cut		- 1	0	0	0		Mowing/Shr	ub Cutting	k-y-s	0	0	0	
Mine (surfa	ace)			0	0	0		Tree Plantat				0	0	0		Trails	LIME		0	0	0	3
Mine (unde	erground	1)		0	0	0		Tree Canopy (INSECT)	y Herbivo	угу		0	0	0		Soil Compa (ANIMAL OR HI			0	0	0	
Military				0	0	0		Shrub Layer (WILD OR DOM		t		0	•	0		Offroad veh	icle dama	ge	0	0	0	
Other:			140	0	0	0		Highly Graze	ed Grass	es		0	0	0		Soil erosion OR OVERUSE)		D, WATE	R O	0	0	
Other:				0	0	0		Recently Bul Canopy		est		0	0	0		Other:			_ 0	0	0	
Other:				0	0	0		Recently Bu	rned Gra	sslan	ıd	0	0	0		Other:			0	0	0	
Fla	g codes:	K = N	o mea			made	, U = Si	uspect measu	rement.,	F1,F2	, etc.	= misc	c. flags	s assi			ew.	24	2816			
Bu	ıffer Sam	nple P	lots	05/	/27/2		ain all fi	lags in comme	ant section	n on t	he ba	ck of t	his fo	m				24	2010	030-		

					ER SAMPLE PLOTS -					Reviewed by	/ (Initia	I):	ivre:	
Site ID:	PC	Af	B	rla	8/	DAT	E: _	0.5	ZI_	0.81.2.0.1.2.				
Confirm	a fille	ed da	ta b	ubble i	ndicates presence and an unf	illed l	oubbl	e inc	licates	absence by filling in this bub	ble			
Fill bubble if present - Plot	1	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	1011	Knotweed	0	0	0		Kudzu	0	0	0	2114
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	H I
Garlic Mustard	0	0		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		Reed Canary Grass	0	0	0	carper and	Other:	0	0	0		
Birdsfoot Trefoil	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 0									Other:	0	0	0		
			Teli		PLOT COORI	DINA	TES							
O AA CENTER O N Latitude	13	o s	3	O E3		Lor	gitu	de V		and comment below)	.8.			
Flori Commont								latin						98
Flag Comments											1-14			
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Buffer Sample I	oints	- Tar	gete	d Alien	Species 05/27/2011					796	662	354	8	