entered w	
~ w(q th)	

Header data completed all pages? N	,
Comment required if item answer is NO Parking/Access outside of Park Boundaries. Field journals completed Site sketch made on 1:3000 map? Check cover page X-axis Bearing of plot recorded On Or N GPS coords Recorded North direction recored Photographs taken? Plot No., Date agreement on all pages? Normment required if item answer is NO If yes, write information in Comments section below N N N N N Header data completed all pages? N N Header data completed all pages?	vsi
Field journals completed Site sketch made on 1:3000 map? Check cover page X-axis Bearing of plot recorded GPS coords Recorded North direction recored Photographs taken? N Plot No., Date agreement on all pages? N Header data completed all pages?	7
Field journals completed Site sketch made on 1:3000 map? Check cover page X-axis Bearing of plot recorded ON GPS coords Recorded North direction recored Photographs taken? N Plot No., Date agreement on all pages? N Header data completed all pages?	
Check cover page X-axis Bearing of plot recorded N GPS coords Recorded N North direction recored N Photographs taken? N Plot No Date agreement on all pages? N Header data completed all pages? N	
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Photographs taken? Plot No., Date agreement on all pages? Header data completed all pages? N N	
Plot No., Date agreement on all pages? N Header data completed all pages? N	
Header data completed all pages?	
Cover classes recorded in all Intensive modules (Y) N	
Browse Level By Species N	
Woody stem quality control check	
Invasive plant quality control check	
Ash trees mapped N	
Cover by Strata? (confirm cover type)	
Soil samples collected?	
Vouchers labeled on datasheet with initials and number N	
Vouchers labeled on collection bag N	
Data sheet QA before leaving site?	
Data sheets scanned? 6/23/11 Enter date to left	
Final data sheets scanned? Enter date to left	
Web Soil survey	
Voucher Location Refrigerator Y N	
(# vouchers collected) Press (#) Enter number to left	
Drier Y N	
Identified (Y) N V 327	
Mounted Y N	
Thrown away Y N	

Was there a wetland at the point?: Was there a wetland within 60m of this point? Y N

If NO, go to the next question If YES, stop

VIN

N If NO, go to the next section. If YES, stop

Pick one of the n	ext three options below:
6	The soils ARE NOT hydric and the area at the point is
	Developed with buildings, roads, pavement, fill
٥	Farmed, turf
W	Other (specify): Forest bordered by residential
0	The soils ARE hydric and the area at the point is
۵	Developed with buildings, roads, pavement, fill
п	Farmed, turf
	Other (specify):
0	No wetland determination can be made (explain below)

Additional Comments:	7
Park at corner of Welledey Are. and Broxbourne Rd	1
can cut through backyard.	you



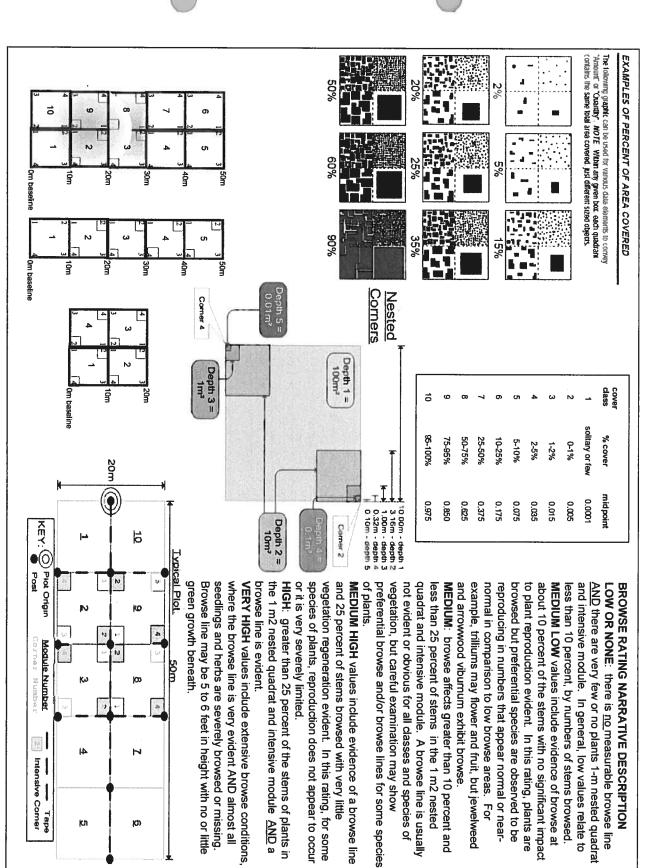
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CLEVELAND MET	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet	ment Program Spec	ies Cove	r Data	Shee									3	\dashv	2	כ	
Project Label:	PCAP	Project name:	: OIBW2011	SUN	=		Plot no.:	=======================================	1					90	-		2	
Total modules:	16	Intensive modules:	+	Plot	Plot configuration:	uratio	.∃ 	\ \ \ \				Plot	Plot area (ha):	(ha):		<u>Ş</u>		
Visual est. % open water entire site:	G	Visual est. %unveg.o.w. entire site:	b		Visua	est %	asi	es entir	e site:		6%	0	•				•	
③		Estimate for each	Nod comer	2 1	Comer n	mod corner	ner mod	comer	A) ₹	©mer mod	N B	N Super	Qa M	corner	S) m	comer	D MOD	comer
	Br = Browse Level. Use cover classes to	intensive module:	depth	depth	COV d	depth cov	depth	000	depth	COV .	depth	g	depth	QV Y	depth	8	depth	ş
Metroparks	describe amount of browse per species over leading to the control of browse per species over leading to the control of the con	%unversetated open water	30	1			T			0	T	Т	-	0				
		%unveg. ground (bare soil)		1		0	1		_ -	0	T	T	4	00			Section 2	
Įδ		%unveg. litter (bare litter)	1 9		365	1 9			_	٥	-1			0				
T S H (F)(A) Br	r Species	c Voucher#	depth cov		COV de	depth co	v depth	VQ0	depth	ğ	depth	ğ	depth	§ -	deoth	g		g
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	Fraxious americana	2000		نع	5	2	`					.	X	8	<u>ل</u>	T	\prod	
2 EAE	Fagus grandifolia			h !	5	Typ.	4	00	t	٥	2		4	0	20		,	
5 1	Tilla americana		3 7								_]				7	2	,	
۲	Acisaema triphyllum		w 2	_	7.ES)				1	
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25	Lindera bentoin		2				2		10	2			الع	9			,	
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۶	Taxico dendron redicans		<i>ا</i>			250					2		-			1		
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	Frangulus alnus			b											4			_1
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2aCM PCAP Species Cover Data sheet Page 1 of x_ver 1.5.xls last revised 6/9/2011 jjm

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Natural Resource Management FORM NR/2010-02a



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Such Colombia Briefall Strata - Cov. entire plot CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet Cleveland Metroparks Visual est. % open water entire site: Total modules: Project Label: S H (F)(A) Br 3 (2 2 4 B CICLOMES Pathaonatum Viola (DVOY WS Br = Browse Level. Use cover classes to describe amount of browse per species over Bi dens warrange VITIS JAKNOWA Chicot Hackelia HUSCHUS MKnown cucot -/-gum Mel 1250/ 701 Heart Shape pipactus Kingowa WY OX Carex Swani MADUAL too WS sacchariavm Rosa See din Soron rubrum american c Species entire plot SOLITOR PCAP Lilpoor VIGINICHS O Apiacasas WHOTIAM 2014 DY 120 この 2000 ROSPUL LANGIUI BUNA DAIK DIGGT MU HI Flo fyuit (herb) Pifloc nu Visual est %unveg.o.w. entire site: 62-89-KJ SP Estimate for the each Intensive modules: %unveg. ground (bare soll) %unvegetated open water intensive module: %unveg. litter (bare litter) -B9 72 5+50 SPE 0450 6-23-11 H-56 Project name: 0194901 6-23-11 Voucher # %open water ם 4 ş cov | depth Plot configuration: depth тод comer ğ 8 Visual est %invasives entire site: mod Plot no.: // / 4 cov | depth cov depth P ر م と N 2 mod 2XS comer 4 8 S 6 depth depth mod ಬ comer U Ø cov depth g ş depth **⊘**₹ ₹ 50 comer Plot area (ha): O 8 ş depth depth mod Page of 3 comer mod cov depth cov | depth ç 8 depth depth ag B æ COTTINE 90 ş ş æ

2aCM PCAP Species Cover Data sheet Page 1 of x_ver 1.4.xls last revised 5/24/2010 jim 6 23 - 1

Natural Resource Management FORM NR/2010-02a

Oryopter 15

Carthusia

preferential browse and/or browse lines for some species MEDIUM HIGH values include evidence of a browse line VERY HIGH values include extensive browse conditions, species of plants, reproduction does not appear to occur AND there are very few or no plants 1-m nested quadrat regetation regeneration evident. In this rating, for some about 10 percent of the stems with no significant impact HIGH: greater than 25 percent of the stems of plants in quadrat and intensive module. A browse line is usually the 1 m2 nested quadrat and intensive module AND a Browse line may be 5 to 6 feet in height with no or little and intensive module. In general, low values relate to to plant reproduction evident. In this rating, plants are **MEDIUM**: browse affects greater than 10 percent and -OW OR NONE: there is no measurable browse line example, trilliums may flower and fruit, but jewelweed seedlings and herbs are severely browsed or missing. MEDIUM LOW values include evidence of browse at where the browse line is very evident AND almost all browsed but preferential species are observed to be not evident or obvious for all classes and species of less than 10 percent, by numbers of stems browsed reproducing in numbers that appear normal or near-**BROWSE RATING NARRATIVE DESCRIPTION** ess than 25 percent of stems in the 1 m2 nested Ø normal in comparison to low browse areas. For and 25 percent of stems browsed with very little vegetation, but careful examination may show and arrowwood viburnum exhibit browse. 7 or it is very severely limited. browse line is evident. green growth beneath. ∞ m of plants. Typical Plot: OI Depth 2 = 10m² 3.16m - depth 2 1.00m - depth 3 0.32m - depth 4 0.10m - depth 5 10.00m - depth Corner 2 0.1m² 임 midpoint 0.001 0.015 0.005 0.035 0.075 0.175 0.375 0.975 0.625 0.850 solitary or few % cover 50-75% 10-25% 25-50% 5-10% 75-95% 35-100% 6-1% 1-2% 2-5% Depth 3 = cover Depth 1 = 100m² III' Somers Nested Depth $5 = 0.01 \text{m}^2$ Corner 4 The following graphic can be used for various data elements to convey. *Amount" or "Quantity". MOTE: Within any given box, each quadrant contains the same total area covered, just different sized objects. 35% examples of percent of area covered **4**0 30m

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%

2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

Om baseline

Om baseline

Intensive Corner

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Corner Number Module Number

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Om baseline

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6 7 5 W W mod CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet W 2 Acer saccharum Flannes amencina Standing Acer Succession garus bicolor Fuaus grandiblin Standing dead Ostrya Jirajinana Titie americana Ostrya V. Jiniana Acer Sciennerian Acer Succharum Acer Sacharum Standing dead Acer Succharum Fagus glandisolice Accr Seccharum Burnanocissus DS+CYE VICTIMEDE Acec Suschacum Acer Cubrum Stunding druid Explain subsample (additional room on back): Frankly americania tracking amorganic Project Label: PCAP ဂ voucher# browsed 0.5-1m # stems sample or super % sub Project Name: OIBW2011 clumps shrub size class (cm) woody stems >1m <u> </u> 1-<2.5 . . × 00 2.5-<5 Plot No .: 11/-/ . 5-<10 X 10 - <15 15 - <20 20 - <25 Page: b 25 - <30 × 9 30 - <35 잌 Cierciand Metoparks 35 - <40 ಕ 83.8 6.99 83,5 46.5 1.29 7,87 50.2 58.80 >40 (record each tree) =

Woody Stem Deer Browse

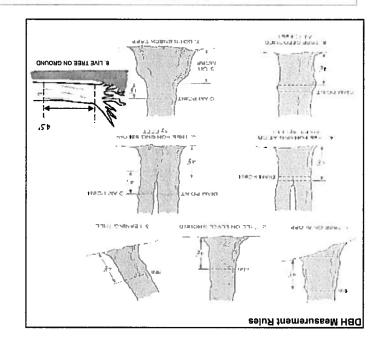
tall that exhibit evidence of this years deer browse. Record the number of stems/plants between 0.5-1.0 meters



Record using the tally system from 1 to



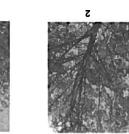














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- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
- 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
- 3. Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to
- 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 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. sunlight, die naturally and are not considered.

(lowest branch) on the trunk.



a

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ASH CANOPY BREAKUP CONDITION (for dead trees):

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

- 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.

10 Acer Succharin 19 Ò Of 0 õ 110 Tiliagmunicona 2 OG CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Ostray Virginiana ULMUS andhany FlaxINUS amorcana Acer Suctheryn Aces Sacchard M Umus Assessesses Acer Cubrun Fugus grandifoliu Fagus standifolin Explain subsample (additional room on back): Fugus Sland, folia Fagus grandufolin Project Label: ___ PCAP voucher# browsed 0.5-1m # stems or super % sub Project Name: 01 らい2011 shrub # size class (cm) woody stems >1m <u>연</u> 1-<2.5 2.5-<5 0 **0** Plot No.: 1114 8 5-<10 0 0 10 - <15 15 - <20 ø 20 - <25 Page: 25 - <30 30 - <35 잋 © Cieveland Metroparks 35 - <40 ö 56.6 54.2 78.0 >40 (record each tree) =

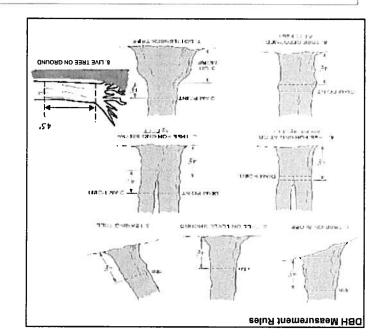
Woody Stem Deer Browse

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

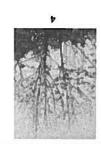
Record using the tally system from 1 to

















NOITIQUO Y YOUNG HEA

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(lowest branch) on the trunk.



a

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- C: Less than 50% of main branches have fine twigs.
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- E: Central stem still standing.

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* 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)

21 20 5

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Cieveland Metroparks

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey

,	atch size (S,M, L)	d bas sein			apseb	bleif field			Mote: For Ground-cov
			Х	X			Periwinkle	(G-cover)	Vinca m inor
							Dame's Rocket		Hesperis matronalis
							Common Teasel		Dipsacus fullonum
							Canada thistle		Cirsium arvense
							Cattails (wetland)	esuelg.	Typha angustifolia, T.
			X		\mathbf{X}	(spunp)	Multiflora Rose		Rosa multiflora
				X		(shrub)	Glossy Buckthorn		Frangula alnus
			X.	MAG			Japanese Knotweed	U	Polygonum cuspidatur
	(1			الك			Phrag m ites	(wetland)	Phragmites australis
						_	Reed Canarygrass		Phalaris arundinacea
		X	X	X	X	(spunp)	Bush Honeysuckles		L. morrowii, L. tatarica
				- 1	X	(sprub)	Common Privet		eigustrum vulgare
х: уеѕ			\overline{x}	X	X		Garlic Mustard		Alliaria petiolata
Presence		MN	MS	35	NE	200 (11 (E))	Bolling all a second		
	comments		ence	A COLUMN TO SERVICE	1-5/67	8-02-15-16-5	Juepunge pu	t: Widespread a	Jail Tier
						(apuqs)	Doublefile Viburnum		Wiburnum plicatum
					1	(spunp)	European Cranberry	snindo	Viburnum opulus var.
	w.14. T					' ' ' '	Star of Bethlehem		Ornithogalum umbella
							Yellow Flag Iris		lris pseudacorus
							Wineberry	,, ,,	Rubus phoenicolasius
								(G-cover)	Pulmonaria officinalis
						(spunp)	Mock Orange	<u> </u>	Philadelphus coronariu
				ं			Japanese Pachysandra		Pachysandra terminali
3: >20	<u>,</u>					(anıqs)	Five-leaf Aralia		Eleutherococcus penta
7: 11-50						(1 - 1-7	Crown Vetch		Coronilla varia
								į \	
								(G-cover)	Convallaria majalis
1: 1-10		MN	MS	3S	NE		Lily of the Valley	(G-cover)	Convallaria majalis
	comments	MN	SW	SE # Of F	NE		Lily of the Valley	st 3: Presence is (G-cover)	
1: 1-10	sąuawwoo				NE		Lily of the Valley		
1: 1-10	comments				3N	(shrub)	Wintercreeper of Interest Lily of the Valley		ianutrof sumynoud
1: 1-10	comments				NE		Amur Honeysuckle Wintercreeper of Interest Lily of the Valley		Lonicera maackii Euonymus fortunei Ti e
1: 1-10					NE	(shrub) (dunhz)	Autumn Olive Amur Honeysuckle Wintercreeper of Interest Lily of the Valley		ianutrof sumynoud
1: 1-10					NE		Cut-leaf Teasel Autumn Olive Amur Honeysuckle Wintercreeper of Interest		Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Euonymus fortunei Ti
1: 1-10				# 0{ 1	3N	(shrub)	European Alder Cut-leaf Teasel Autumn Olive Mintercreeper of Interest		Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Euonymus fortunei Tig
1: 1-10					NE	(shrub)	Sarberry European Alder Cut-leaf Teasel Autumn Olive Wintercreeper of Interest	si 9: Presence is	Berberis thunbergii Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Euonymus fortunei
1: 1-10				# 0{ 1	NE	(shrub)	Common Buckthorn Japanese Barberry European Alder Cut-leaf Teasel Autumn Olive Mintercreeper of Interest	si Presence is	Rhamnus cathartica Berberis thunbergii Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Euonymus fortunei
1: 1-10				# 0{ 1	NE	(shrub)	Poison Hemlock Common Buckthorn Japanese Barberry European Alder Cut-leaf Teasel Autumn Olive Munt Honeysuckle Wintercreeper of Interest	(wetland)	Conium maculatum Rhamnus cathartica Berberis thunbergii Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Tig
1: 1-10				# 0{ 1	3N	(shrub)	Hedgeparsley Poison Hemlock Common Buckthorn Japanese Barberry European Alder Cut-leaf Teasel Autumn Olive Amur Honeysuckle Wintercreeper of Interest	(wetland)	Torilis sp. Conium maculatum Rhamnus cathartica Berberis thunbergii Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Euonymus fortunei
1: 1-10				# 0{ 1	3N	(shrub)	Asian Bittersweet Hedgeparsley Poison Hemlock Common Buckthorn Japanese Barberry European Alder Cut-leaf Teasel Amur Honeysuckle Wintercreeper Of Interest	(bnetland) (bretland)	Celastrus orbiculatus Torilis sp. Conium maculatum Rhamnus cathartica Berberis thunbergii Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Euonymus fortunei
1: 1-10				# 0{ 1	3N	(shrub)	Bishop's Goutweed Asian Bittersweet Hedgeparsley Poison Hemlock Common Buckthorn Japanese Barberry European Alder Cut-leaf Teasel Autumn Olive Mintercreeper Wintercreeper	(oniv) (wetland) (wetland)	Aegopodium podagrar Celastrus orbiculatus Torilis sp. Conium maculatum Rhamnus cathartica Berberis thunbergii Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Euonymus fortunei
# of Plants				# 0{ 1	AE .	(shrub) (shrub)	Purple Loosestrife Bishop's Goutweed Asian Bittersweet Hedgeparsley Common Buckthorn Japanese Barberry European Alder Cut-leaf Teasel Mutumn Olive Wintercreeper Of Interest	(wetland) is (G-cover) (vine) (wetland)	Lythrum salicaria Aegopodium podagrar Celastrus orbiculatus Torilis sp. Gonium maculatum Rhamnus cathartica Berberis thunbergii Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Euonymus fortunei
# Ot blancs				# 0{ 1	NE .	(shrub) (shrub)	Japanese Honeysuckle Purple Loosestrife Bishop's Goutweed Asian Bittersweet Hedgeparsley Common Buckthorn Japanese Barberry Cut-leaf Teasel Cut-leaf Teasel Amur Honeysuckle Mintercreeper Of Interest	(wetland) is (G-cover) (vine) (wetland)	Lonicera japonica Lyfbrum salicaria Aegopodium podagrar Celastrus orbiculatus Torilis sp. Conium maculatum Rhamus cathartica Berberis thunbergii Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Lonicera maackii
000'T< :9 000'T-001'S				# 0{ 1	3N	(shrub) (shrub)	Tree of Heaven Japanese Honeysuckle Purple Loosestrife Bishop's Goutweed Asian Bittersweet Poison Hemlock Common Buckthorn Japanese Barberry Cut-leaf Teasel Amur Honeysuckle Wintercreeper Of Interest	(wetland) is (G-cover) (vine) (wetland)	Ailanthus altissima Lonicera japonica Lythrum salicaria Aegopodium podagrar Celastrus orbiculatus Torilis sp. Conium maculatum Rhamnus cathartica Rhamnus cathartica Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii
# 00 t-001 :5 000'T< :9 000'T-001 :5 001-05 :7			/	, 1		(shrub) (shrub)	Japanese Honeysuckle Purple Loosestrife Bishop's Goutweed Asian Bittersweet Hedgeparsley Common Buckthorn Japanese Barberry Cut-leaf Teasel Cut-leaf Teasel Amur Honeysuckle Mintercreeper Of Interest	(wetland) is (G-cover) (vine) (wetland)	Lonicera japonica Lyfbrum salicaria Aegopodium podagrar Celastrus orbiculatus Torilis sp. Conium maculatum Rhamus cathartica Berberis thunbergii Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii Lonicera maackii
000'T< :9 000'T-00T:5		MN	SW.	# 0{ I	NE	(shrub) (shrub)	Morway Maple Tree of Heaven Japanese Honeysuckle Purple Loosestrife Bishop's Goutweed Asian Bittersweet Hedgeparsley Common Buckthorn Japanese Barberry Luropean Alder Cut-leaf Teasel Mutumn Olive Muture Olive Autumn Olive Otherese	(vine) (betland) (becover) (vine) (wetland) (becliand)	Ailanthus altissima Lonicera japonica Lythrum salicaria Aegopodium podagrar Celastrus orbiculatus Torilis sp. Conium maculatum Rhamnus cathartica Rhamnus cathartica Alnus glutinosa Dipsacus laciniatus Elaeagnus umbellata Lonicera maackii
# 00 t-001 :5 000'T< :9 000'T-001 :5 001-05 :7		MN	/	# 0{ I		(shrub) (shrub)	Meeded Morway Maple Tree of Heaven Japanese Honeysuckle Bishop's Goutweed Asian Bittersweet Hedgeparsley Common Buckthorn Japanese Barberry European Alder Cut-leaf Teasel Mutumn Olive Winterreeper Wintercreeper	Vine (vine) (vine) (wetland) ia (G-cover) (vine) (vine) (vine) (wetland)	Acer platanoides Ailanthus altissima Lythrum salicaria Aegopodium podagrar Aegopodium podagrar Celastrus orbiculatus Torilis sp. Gonium maculatum Rhamnus cathartica Berberis thunbergii Dipsacus laciniatus Claeagnus umbellata Lonicera maackii
000'T< :9 000'T< :9 001-05 :7		MN	SW.	# 0{ I		(shrub) (shrub)	Flowering Rush Meeded Morway Maple Tree of Heaven Japanese Honeysuckle Purple Loosestrife Bishop's Goutweed Asian Bittersweet Medgeparsley Common Buckthorn Japanese Barberry Cut-leaf Teasel Cut-leaf Teasel Wintercreeper Wintercreeper	Tier 2: Assess as (vine) (wetland) (wetland) (ine) (ine) (vine) (vine) (vine) (vine)	Butomus umbellatus Acer platanoides Allanthus altissima Lythrum salicaria Aegopodium podagrar Celastrus orbiculatus Conium maculatum Rhamus cathartica Berberis thunbergii Berberis thunbergii Dipsacus laciniatus Cipsacus laciniatus Lonicera maackii
000'T< :9 000'T< :9 001-05 :7		MN	SW.	# 0{ I		(shrub) (shrub)	Black Swallow-wort Flowering Rush Meeded Morway Maple Tree of Heaven Japanese Honeysuckle Bishop's Goutweed Asian Bittersweet Purple Loosestrife Purple Loosestrife Purple Loosestrife Purple Loosestrife Purple Loosestrife Purple Loosestrife Bishop's Goutweed Aning Buckthorn Japanese Barberry Japanese Barberry Lout-leaf Teasel Autumn Olive Cut-leaf Teasel Autumn Olive Outleaf Teasel Autumn Olive Outleaf Teasel Autumn Olive Autumn Olive Autumn Olive Lity of the Valley	Tier 2: Assess as (vine) (wetland) (wetland) (ine) (ine) (vine) (vine) (vine) (vine)	Cynanchum louiseae Butomus umbellatus Acer platanoides Allanthus altissima Lythrum salicaria Lythrum salicaria Celastrus orbiculatus Gonium maculatum Rhamus cathartica Berberis thunbergii Berberis thunbergii Berberis thunbergii Conium maculatum Rhamus cathartica Berberis thunbergii Dipsacus laciniatus Conicera maackii
# of Plants # of Plants # of Plants # of Plants		MN	SW.	# 0{ I		(shrub) (shrub)	Lesser Celandine Black Swallow-wort Flowering Rush Morway Maple Tree of Heaven Japanese Honeysuckle Purple Loosestrife Bishop's Goutweed Asian Bittersweet Poison Hemlock Poison Hemlock Common Buckthorn Japanese Barberry Boison Hemlock Cut-leaf Teasel Amur Honeysuckle Cut-leaf Teasel Wintercreeper Of Interest	(vine) (wetland) (let Z: Assess as tilet Z: Assess	Ranunculus ficaria Cynanchum louiseae Butomus umbellatus Acer platanoides Lythrum saltissima Lonicera japonica Celastrus orbiculatus Conium maculatum Rhamus cathartica Gonium maculatum Rhamus cathartica Conium glutinosa Alnus glutinosa Dipsacus laciniatus Conium maculatus Rhamus cathartica Conium maculatus Elaeagnus umbellata
000'T< :9 000'T< :9 001-05 :7		MN	SW SW	# 0{ I	3N	(shrub) (shrub)	Black Swallow-wort Flowering Rush Meeded Morway Maple Tree of Heaven Japanese Honeysuckle Bishop's Goutweed Asian Bittersweet Purple Loosestrife Purple Loosestrife Purple Loosestrife Purple Loosestrife Purple Loosestrife Purple Loosestrife Bishop's Goutweed Aning Buckthorn Japanese Barberry Japanese Barberry Lout-leaf Teasel Autumn Olive Cut-leaf Teasel Autumn Olive Outleaf Teasel Autumn Olive Outleaf Teasel Autumn Olive Autumn Olive Autumn Olive Lity of the Valley	(vine) (wetland) (let Z: Assess as tilet Z: Assess	Cynanchum louiseae Butomus umbellatus Acer platanoides Allanthus altissima Lythrum salicaria Celastrus orbiculatus Conium maculatum Rhamus cathartica Gonium maculatum Berberis thunbergii Berberis thunbergii Berberis thunbergii
# of Plants 4: 50-100 5: 100-1,000 6: 5.100-1,000		MN	SW.	# 0{ I	3N	(shrub) (shrub)	Lesser Celandine Black Swallow-wort Flowering Rush Morway Maple Tree of Heaven Japanese Honeysuckle Purple Loosestrife Bishop's Goutweed Asian Bittersweet Poison Hemlock Poison Hemlock Common Buckthorn Japanese Barberry Boison Hemlock Cut-leaf Teasel Amur Honeysuckle Cut-leaf Teasel Wintercreeper Of Interest	m (wetland) Tier Z: Assess as Tier (wetland) (wetland) ia (G-cover) ia (G-cover) (wine) (hoetland) (hoetland) (sine) (sine)	Microstegium vimineu Ranunculus ficaria Gynanchum louiseae Butomus umbellatus Acer platanoides Lythrum saltissima Lythrum saltissima Celastrus orbiculatus Aegopodium podagrar Celastrus orbiculatus Aegopodium podagrar Aegopodium podagrar Celastrus orbiculatus Albunus saltissima Berberis thunbergii Berberis thunbergii Conium maculatum Dipsacus laciniatus Berberis thunbergii Conium maculatum Alnus glutinosa Berberis thunbergii Berberis thunbergii

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

Natural Resoures

4bCM PCAP Invasive species datasheet.xls last revised 6/10/2011 ceh

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet Project label: PCAP Plot No.: 1 H

Project Name: 0/ 6W 201

(P) Cleveland Metroparks

Page: 1 of 1

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

Soil pit module # _ \$ (one per entire plot)

X X X X X X X X X X X X X X X X X X X					20 cm						5 cm
	S I	texture*	Υ (matrix color /OYR 4/2	I S	redox features** Y	texture*	oxid roots Y		matrix color 10 YR 3/1

refer to texture classes on reverse side

** e.g. hydrogen sulfide odor, gleying, etc *** Circle one:

Notes: include evidence of earthworms indundated S=saturated M=moist D=dry

Costings + middens

evidence of outhworms worms, castings, middens)

15 Present -) on abudance

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

	2,3,8,9 composited	Soil Collection Module
	A	Horizon (A, B, C)

Soil Description/notes:

Plo+# 127 88 6/16/11

Parent Material: Web Soil Survey Information: soil Series/Type: oil Series Source: Ohio Soil Survey andform type: Plain 主 WHIS SOUTH I DUIN

DRAINAGE*

□ Excessively drained

□ Somewhat excessively

□ Moderately well dr.

□ Well drained

□ Very poorly dr. Somewhat poorly dr

Impermeable surface

HOG MIN ON!

each intensive module. Required for VIBI-E score calculation. collected in 0.1m clip plots (32x32 cm) from corners 1 and 3 in STANDING BIOMASS (required for emergent wetlands):

C?=check when collected

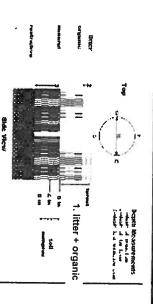
_	.,		
			Module #
			C?
			Corner
			Corner

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

	1 litter +	2 litter	2 litter 3 restrict.	water	
	organic depth	depth	depth(cm)	depth	
mod#	(cm)	(cm)	*[WSS]	(cm)	
2	3.5	3.5	730	O	
W	3.5	3.5	730	0	
œ	2,1	2)	730	0	
2	4.3	4.3	730	0	730
ength of	Length of soil probe = 125 cm	= 125 cm			

Use Web Soil Survey for #3 Restrictive layer dept.

Length of soil probe = 125 cm



S 20 # 5 to < 50 4 0 Surface Area Covered SISAM COUN'

Many Common WO 1 of modeling clay/wet newspaper; the sample should be wet the appropriate layer and moisten it with water to the consistency Criteria: % of Code Class and 20 cm layers. To estimate texture, collect a soil sample from

both a ball and a ribbon should be coded as clayey; samples and attempt to form a self-supporting ribbon. Samples which form soil does form a ball, squeeze the sample between your fingers a grainy texture, the texture is either sandy or coarse sandy. If the roll the sample into a ball. If the soil will not stay in a ball and has does not freely flow from the sample when squeezed. Attempt to enough that all of the particles are saturated but excess water

SOIL TEXTURE: Record the code for the soil texture of the 5 cm

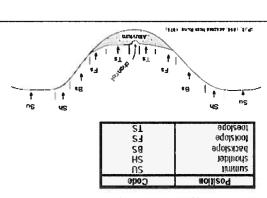
0= Organic which form a ball but not a ribbon should be coded as loamy.

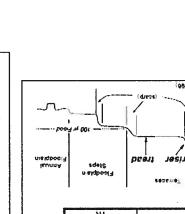
4= Coarse Sand 3 = Sandy

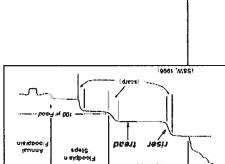
9= Not measured - make plot note

SN SN 909 SISAN ЯI nean IBSIJ 18 COGO 16173665 e 3^ (tot Hills) mose stope of Ass.

descriptors are available for Hills, Terraces. Mountains, and Flat Plains. Geomorphic Component - Three-dimensional descriptors of parts of %乙 2= Clayey 1= Loamy







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

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 seasonal periodicity. Inundation is not predictable to a given season and is dependent upon highly localized rain storms. This modifier was INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable

TEMPORARILY FLOODED: Surface water present for brief periods during growing season, but water table usually lies well below soil

PERMANENTLY/SEMIPERMANENTLY SATURATED: Dry less than once per year. Surface water is seldom present, but substrate is

INTERMITTENTLY/SEASONALLY SATURATED: Dry at least once per year. Surface water is seldom present, but substrate is saturated

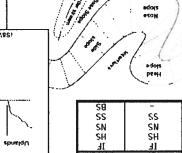
OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often

the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's

surface. Often characterizes flood-plain levees and lower terraces. Equivalent to Cowardin's Temporary modifier.

saturated to surface for extended periods during the growing season. Equivalent to Cowardin's Saturated modifier.

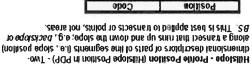
HYDROLOGIC REGIME Modified from Grossman et al 1998. (Frequency and duration of flooding.)

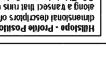


edois eseq adols abla adojs asou edols been evidient

landforms or microleatures that are best applied to areas. Unique



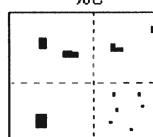


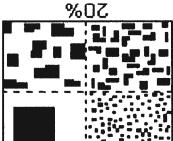














PERCENT MOTTLES (USE CLASS CODES):

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

intermittently Flooded modifier.

characterizes flood-plain upper terraces.

UPLAND: Not a wetland. Very rarely flooded.

to surface for extended periods during the growing season.

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

NOTE: tussock and hummocks are counted in BOTH nested quadrat comers but counts are aggregated. .w.d. = course woody debris MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only 10 feature is present in moderate or greater amounts and of highest quality acro depressions ≈ macrotopographic depressions with module. These may extend into other modules and be counted again CAN VARY BY COVER TYPE. STRATA DESCRIPTIONS. STRATA SEE BACK OF PAGE FOR "TYPICAL" Aquatic)** COVER BY STRATA(% estimate using lope 1 = slight elevational grade across module (hill) anks for microhabital features. Select one or select two and average the score. NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) ohab. Interspers... = overall ranking of plot microtopographic interspersion of 2 feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality feature is present in very small amounts or if more common, of low quality feature is absent or functionally absent (Golf Course Flat) rooted and floating or slightly emersed 0 00 submersed, most plant mass below surface Height Range G corner Remember: in a standard 2x5 plot each module = 10% cover tussocks Count depth 3 lxlm 0 0 depth 2 0 0 16x3.16m hummocks no. of Slope 2 = falls on slope ~20 ° EARTH SURFACE & GROUND COVER <5 cm in diameter</p> ** >5 cm in diameter Gravel-Cobble = 1/16 to 10 in depressions по, тасто Boulder = > 10 in edrock oulder** Sum = 100%depth 1 Stosol 10x 10m ineral Soil nderlying Earth Surface" (count) アコ L. vel-Cobble* plexity using scale belov 0 percent Ç 0 (2-12 cm) 10×10m depth 1 c.w.d c.w.d. - count for pieces with minimum 1m length 0 Ground Cover (Each ≤ 100%) Road/Trail Coarse Woody Debris*** Bryophyte-Lichen Fine Woody Debris**** Sare Soil Ouff (Ferm. + Humus) Slope 3 = maximum steepness that can be safely sampled -45 ° (12-40cm) 10x10m depth 1 Omic c.w.d B 0 0 8 10×10m depth 1 >40 cm N Derren OL c.w.d G microhab Wi 10×10m depth 1 Ŵ (<u>F</u> Plot No.: 1114 0 SLOPE 0 0 microhab 10x10m (rank) ** Terrain Shape Index (site microtopographic shape)

TRAIL INFORMATION: If trail falls in plot record type and cover for each	If trail falls cover for
Туре	%Cover
□ All Purpose	
□ Bndle	
Hiking sanctioned	
☐ Bootleg unsanctioned	
o Gravel	
o Deer	

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface Project Label: PCAP Project Name: O(8000)

@ Gleveland Metroparts Page: 1 of 1

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

	_				_
	۰	œ	u	2	Module
	2	1	3	0	z
	4	6	٢	i	S
-	7	٦,	5	2	Е
	4	7	لدن	0	W

[FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD]	ROGRAM - DO	NOT FILL C	OUT IN FIELD
		LFI•	TSI**
At aspect	z		
+45 degrees	NE.		
+90 degrees	m		
+135 degrees	SE		
+180 degrees	s		
+225 degrees	WS		
+270 degrees	w		−10 m away
+315 degrees	W		

Cleveland Member*	Ohio Shale		UPPER DEVONIAN
"elaric brothed	L.,		-4-
,ouosepung nereg			
Sanbury Shale			
anumerous named membars; sedmelve stores Momber erom eitho ens al sfinu finofaland	Cuyahoga Formation*		MISSISSIPPIAN
Byer Serdstone Member	Logan Formation*		
redmeM endabres notrilV	nation"	Bank Wa	
Polisvilju Group			LOWER PENNSYLVANIAN

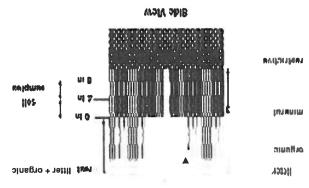
FIGURE 3-20.—Centralized section of Upper Derraina Alistesippina, and Lower Pennstral Anterior and Construction of Upper Once Anterior Anterior and Construction to the Anterior and Construction to the section representation of the section representation of the section and the section of the section and the section an

ni HBCl mo 6.5> as no theight m 4.1 of qu a	s beniieb nefto ere agnilbeez ee T***
mč.0> adunda lis. e.i ,a	**Can also include seedlings of shrub
mutest ee tree stratum	"Very tall shrubs are sometimes inclu
Submerged	Aquatic (submerged)
Floating	Floating
Herb, dwarf-shrub**, tree (seedling***)	Herb (Field)
Tree (sapling), shrub, liana, epiphyte)	Shrub (generally 0.5 to 5 m)
epiphyte)	
Tree (overstory), very tall shrubs*, liana,	Tree (generally >5 m)
GENERAL FORM	MUTARTS
	COVER BY STRATA
	Tree (overstory), very tall shrubs*, liana, epiphyte) epiphyte) Tree (sapling), shrub, liana, epiphyte) Herb, dwarf-shrub**, tree (seedling***) Floating Floating Gubmerged stratum heb tree stratum abd in the tree stratum

which case they would span the herb and shrub layers.

If the state or ganic

Lists the state of ganic



							1					1100	97-10	Sim					£4100		
							FOF	RM B-1:	BUFF	ER	SAN	1PL	E Pl	LOT	S (F	ront)	Reviewed by	(Initial)		- (
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Location			N. S.		E M				Fill	in b	ubb	le(s)	if p	ot(s	s) cou	ld not be	sampled and f	ag -	→]		T
@ AAC	enter	C	N	0	S	OE	. 0	w	OP	lot '	1	01	olot	2	OF	lot 3					
									Buffer								-			-	
																Absent: No tred oderate(10-40	e canopy. %); 3 = Heavy (40-75%)	, 4 = V	ery He	avy (>75%)
Buffer	Canop	v Tve	e: ((E) At	sen	t: ()	Buffer	Canopy	/ Typ	e: (°	(() Ab	sent	: ()	Buffer	Canopy Type: 🕞	(1)	Ab	sent	
Plot 1			e: (6	$\stackrel{\sim}{\sim}$	-	2180AE	Flag	Plot 2			e: (°	$\stackrel{\sim}{\sim}$	-		Flag	Plot 3	Leaf Type:	\odot	1		Flag
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mall Trees (<	0.3m DBH	0	0	Ō	Ō	0		Small Trees			Ō	0	Ŏ	Ö		Small Trees		0	Ö	Ŏ	
Voody Shrubs		0	0	0	0	0		Woody Shrut	s, Saplings	0	Ō	0	ŏ	$\tilde{\odot}$			ubs, Saplings im-5m HIGH)	0	ŏ	ŏ	
Voody Shrubs		ŏ	•	0	ŏ	ŏ		Woody Shrul		Ö	Ö	0	ŏ	$\ddot{\odot}$		Woody Shru	bs Saplings	Õ	0	ŏ	
	orbs and	0	•	ŏ	ŏ	ŏ			5m HIGH) Forbs and	0	Ö	0	ŏ	$\tilde{\odot}$			Forbs and	Õ	0	ŏ	
Bare	Grasses ground	0	Ō	$\overline{0}$	$\frac{9}{2}$	ŏ		Ban	Grasses e ground	0	ŏ	0	0	$\frac{\circ}{\circ}$		Bai	re ground ① ①	Ö	ŏ	ŏ	
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	Water	0	0	0	0	0			Water	0	0	0	8	0			Water ① ①	0	=	0	
Su	bmerged	_	-			_		S	ubmerged	<u>~</u>			\overline{a}	_			Submerged	-		-	
	egetation	-	0	0	0	\odot		CHARLES WATER	/egetation	<u> </u>	$ \Theta $	0	<u>ပ</u> ု	<u>O</u>	C.1.		Vegetation O	0	<u>ပ</u> ု	<u> </u>	
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	dential			in St					Hydrolo		THE PARTY	Bors			Service.		Agricultural & Ru			1	-
FIII bubble	o If pres	ent -	Plot	1	2	3	Flag	FIII bubbl	e if prese	ent - I	Plot	1	2	3	Flag	FIII bubble	e If present - Plot	1	2	3	Flag
Road - gra		, (5)	no.	0	0	0		Ditches, C Dike/Dam				0	0	0		Pasture/Ha	ау	0	0	0	
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Road - fou				0	0	0		Water Lev	District Control		icture	-	0	0		Row Crops	d (RECENT-RESTING	0	0	0	
Parking L	-	nent		0	0	0		Excavatio		ng		0	0	0		ROW CROP FIE		0	0	9	
Golf Cour				0	0	00		Fill/Spoll E Freshly D		Sedin	nent	0	0	0		SHRUBS, TRI		0	0	0	
Lawn/Parl Suburban		atiai	Turns	0	0	-		(UNVEGETA Soll Loss/	TED)	177.071	00.00	0	0	0		Nursery		0	0	0	
Urban/Mu		itiai	100	00	00	00		Wall/Ripra	9,410,111	-		0	0	0		Orchard		00	0	0	
Landfill	illioniny			0	0	0		Inlets, Ou				0	0	0			Animal Feeding	0	0	0	
Dumping				0	0	0		Point Sou	rce/Pipe			0	0	0		Rural Resi	A STATE OF THE PARTY OF THE PAR	0	0	0	
Trash					0	0		(EFFLUENT Imperviou	s surface	input	3)	0	0	0		Gravel Plt		0	0	0	_
Other:				0	0	0		(SHEETFLO) Other:	(v)			0	0	0		Irrigation		0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:		0	0	0	
Indu	strial D	evel	opm		1334	198622							100	at/V	egeta	tion Stres	sors				elet
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Military				0	0	0		(WILD OR DO	MESTIC)	Kd III		0	0	0			nicie damage	0	0	0	
Other:			_	0	0	0		Highly Gra	'HIGH)		HE	0	0	0		OR OVERUSE) (FROM WIND, WATER,	0	0	0	
Other: _	1 2 1			0	0	0		Recently B Canopy		11-11		0	0	0		Other:		0	0	0	
Other:				0	0	0		Recently B (BLACKENED		assla	nd	0	0	0		Other:		0	0	0	
● FI	ag codes	: K =	No me	asure	ment	made	e, U = S	uspect meas lags in comr	urement.,	F1,F	2, etc.	= mls	c. flag	8 888 ITM	igned b	y each field o	rew. 242	8168	3304		
В	uffer Sa	mple	Plots	05	/27/2		. m, . r 411	ge iii eviili		-,, 511	J. U DE	01								DER N	nijiana).

					ER SAMPLE PLOTS -					Reviewed by	/ (initia	i):	Attractions	
Site ID:	PC	AP	11	14		DAT	E: C	ى د	3/6	6617011				
⊘ Confirm	a fille	ed da	ıta bı	ubble l	ndicates presence and an unf	illed	bubbl	e Inc	licates	absence by filling in this bubl	ble			15
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	7.8=	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		Glant 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	Mellikiki de	Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	10.172
							h en			Other:	0	0	o	
				FIRS.	PLOT COORE	DINA	TES					KNE		
AA CENTER O N				O E3	1.1.4.2.4.	Lon	gitud	de V		g and comment below)	4			
11486				Hereite	Use Decimal Degr									
Flag Comments														
						201118								
										10.4 kB - (0.4)				
		upon con-											500	Action on Action
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			-45.86									-		
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							- Some :				-		-	
								H	m la rij			Patrin		-
Buffer Sample Po	oints	- Tar _i	geter	d Alien	Species 05/27/2011					796	662	354	8 (

						n#mil	FOF	RM B-1:	BUFF	ER	SAN	/PL	E Pl	.OT	S (Fr	ont)	Reviewed by	(Initial)			
Site II	D: 12	CA	9 1	115	4										Authorite	ALC: HALL HALL	11612	0	1 1		
Locatio		CN	V					grost state of	Fill	in b	ubb	le(s)	if p	otis	s) cou	ld not be	sampled and f	lag -	→ I		HEATS:
OAAC	HINGS HOW	C	N	0	S	OE	. 0	w	Ø P			STREET, STREET	Plot			lot 3					9000
				110, 100			AUGUS TO		Buffer	Nati	ural				1	A COLLABORATION I		ibitrum			
Fill in bubbles Strata Section	s for all th n: Fill in a	nat app approp	ply: Ca priate d	nopy o	Type: I	D = D ubble	eciduous for each	s; E = Evergre strata type fo	en. Leaf T or each plo	ype: E t. 0 = .	3 = Bro Absen	adlea t; 1 = \$	i; N = N Sparse	veedle (<10%	Leaf. A 6); 2=Mo	bsent: No tre derate(10-40	e canopy. %); 3 = Heavy (40-75%)	; 4 = V	ery He	avy (>75%)
Buffer	Canopy	у Тур	ре: 🕞) () At	seni	: O	Buffer	Canopy	/ Тур	e: (·) () At	sent	: O	Buffer	Canopy Type: 🕞	(1)	Ab	sent	: 0
Plot 1			e: (B				Flag	Plot 2	Lea	f Typ	e: (•) Č			Flag	Plot 3	Leaf Type: 🕞	<u>(</u>			Flag
Big Trees (>0).3m DBH)	0	0	0	0	0		Big Trees (>	0.3m DBH)	0	0	0	0	0		Big Trees	(>0.3m DBH) 0	0	0	0	
mall Trees (<0	D.3m DBH)	0	0	0	0	0		Small Trees (<0.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH)	0	0	0	
Voody Shrubs, (0 5m-5	Saplings 5m HIGH)	0	0	0	0	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)	0	0	0	0	0			ubs, Saplings 5m-5m HIGH)	0	0	0	
Voody Shrubs, (<0.5	Saplings 5m HIGH)	0	0	0	0	0		Woody Shrub (<0	s, Saplings).5m HIGH)	0	0	0	0	0			ubs, Saplings <0.5m HIGH)	0	0	0	
Herbs, Fo	orbs and Grasses	0	0	0	0	0		Herbs, I	Forbs and Grasses	0	0	0	0	0		Herbs	Forbs and Grasses	0	0	0	
Bare	ground	0	0	0	0	0		Bare	ground	0	0	0	0	0		Ba	re ground ① ①	0	0	0	
Litte	er, duff	0	0	0	0	0		Li	tter, duff	0	0	0	0	0		1	_itter, duff 💿 🕦	0	0	0	
	Rock	0	0	0	0	0			Rock	0	0	0	0	0			Rock 💿 🛈	0	0	0	
	Water	0	0	0	0	0			Water	0	0	0	0	0			Water 💿 🕦	0	0	0	
	bmerged egetation	0	0	0	0	0			ubmerged egetation	0	0	0	0	0			Submerged O	0	0	0	
			e/Ab	send	e - (Confi	rm that			ndica	tes p	resen	ce an	d an	unfilled	bubble indi	cates absence by fill	ing thi	s bub	ble.	0
Resid	dential	and	Urb	an S	tress	ors			Hydrolo	gy S	tres	sors					Agricultural & Ru	ıral S	tres	sors	
III bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	e If prese	nt -	Plot	1	2	3	Flag	FIII bubbl	e If present - Plot	1	2	3	Flag
Road - gra	vei			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/H	ay	0	0	0	
Road - two	lane			0	0	0		Dike/Dam/		R Bed		0	0	0		Range		0	0	0	
Road - fou	r lane		ÄLÄ	0	0	0		Water Lev	el Contro	Str	ecture	0	0	0	i	Row Crops	and the state of the profit of the	0	0	0	
Parking Lo	t/Paven	nent		0	0	0		Excavation	n, Dredgii	ng		0	0	0		ROW CROP FIE		0	0	0	
Golf Cours	e	HIT		0	0	0		Fill/Spoll B	(Serio A7./5)(0.15	0 - 41-		0	0	0		SHRUBS, TR	ld (OLD - GRASS, EES)	0	0	0	
Lawn/Park		in a		0	0	0		Freshly De	ED)	166		0	0	0		Nursery		0	0	0	
Suburban I	Resider	ntial	n link	0	0	0		Soll Loss/		osure	•	0	0	0		Dairy		0	0	0	
Urban/Mult	tifamily			0	0	0		Wali/Ripra			SE I	0	0	0		Orchard		0	0	0	
Landfill				0	0	0		inlets, Out Point Sour				0	0	0			Animal Feeding	0	0	0	
Dumping				0	0	0		(EFFLUENT (OR STORM	VATE	۲)	0	0	0		Rural Res		0	0	0	
Trash	penlla			0	0	0		(SHEETFLOV	V)		AKEA	0	0	0		Gravel Pit		0	0	0	
Other:				0	0	0		Other:				0	0	0		irrigation		0	0	0	
Other:			. M. etc.	0	0	0		Other:		Mark	NEW LEY	0	0	0		Other:	ALL STREET, STREET, IN COLUMN TO	0	0	0	ES.49.
Indus	striai D	evel	lopm	ent S	Stres	sor	8						Habit	tat/V	egeta	tion Stres	sors				
Fill bubble	If pres	ent -	Plot	1	2	3	Flag	FIII bubble	If prese	nt -	Plot	1	2	3	Flag	FIII bubi	ble if present - Plot	1	2	3	Flag
Oil Drilling			374	0	0	0		Forest Clea	r Cut			0	0	0		Herblcide I	Use	0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	nrub Cutting	0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta				0	0	0		Trails		0	0	0	
Mine (unde	erground	d)		0	0	0		Tree Canor	internal			0	0	0		Soil Comp (ANIMAL OR I		0	0	0	
Military				0	0	0		Shrub Laye	r Browse	d		0	0	0		Offroad ve	hicle damage	0	0	0	
Other:				0	0	0		Highly Graz	ed Grass	ses		0	0	0		Soil erosio	n (FROM WIND, WATER,	0	0	0	
Other:				0	0	0		(OVERALL <3" Recently Bo Canopy	umed Fo	rest		0	0	0		Other:		0	0	0	
Other:				0	0	0		Recently B		assia	nd	0	0	0		Other:		0	0	0	
	ng codes	s: K =	No me			made	e, U = S	uspect meas	urement.,	F1,F	2, etc.	= mis	c. flag	8 888	Igned b	y each field o	crew. 242	816			

Buffer Sample Plots 05/27/2011

Site ID:	mene	1 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				DAT	E: _		_/_	/				
O Confirm	a filic	d da	ta bu	ıbbie lı	ndicates presence and an unfi	ilied 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	
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		Glant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Polson 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	511 	Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
								F INC.	ieni.	Other:	0	0	0	
	5161	en sie			PLOT COORE	MALA	TEO		la consta				$\mathbf{Q}_{\mathbf{I}}$	e de la composición della comp
If Buffer Plot 3 can not be acc Plots are centered on the Buf flag box, and describe where either placed as close to the o	cesse fer Tr the c cente	id, tak ranse oordii r of P	ke the cts all nates lot 3	e coord nd the s were t as pos	opriate bubble. linates at the nearest practicable coordinates will indicate the locataken and why in the comment significant of the last	e loca ation sectio acces	ition A of the n beid ssible	transow, T Buffe	G THE sect. Fi he coor er Plot.	TRANSECT. This is important in the "nearest practicable location in the "nearest practicable location in the mearest practicable in the nearest practical in	oecau	se ali	Buff	er in the pe
Plots are centered on the Buf flag box, and describe where either placed as close to the d Location of coordinate	cesse fer Tr the coente	id, tak ranse- oordir r of P hoos	ke the cts all nates lot 3	e coord nd the s were t as pos	opriate bubble. Inates at the nearest practicable coordinates will indicate the locataken and why in the comment saible or at the center of the last O W3 O Nearest practicable.	e loca atlon sectio acces	of the of the n belo ssible	ALON transow. T Buffe	G THE sect. Fi he coor er Plot.	TRANSECT. This is important in the "nearest practicable located in the "nearest practicable located in the nearest practicable in the nearest practical in the	oecau	se ali	Buffi le, fill can t	er in the pe
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If Buffer Plot 3 can not be acc Plots are centered on the Buf flag box, and describe where either placed as close to the c Location of coordinate O AA CENTER O N3 Latitude N	s by cesse fer Tr the c cente es (cl	d, tak taken taken d, taken taken taken d, taken d, taken taken taken d, taken taken d, taken tak taken taken taken tak taken taken taken tak tak ta ta ta ta ta ta ta ta ta ta ta ta ta	In the	e appro e coord nd the s were t as pos ne):	Inates at the nearest practicable coordinates will indicate the local taken and why in the comment saible or at the center of the last O W3 O Nearest practicable or a second or the last of the last	e loca ation section acces ctical Lon	of the n beken belee to ble to gituc	transow, T Buffer Catio	G THE sect. Fi he cool er Plot. on (flag	TRANSECT. This is important in the "nearest practicable locardinates of the nearest practicable and comment below)	oecau	se all bubb atlon	Buffi le, fill can t	er in the pe
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05/27/2011

Buffer Sample Points - Targeted Alien Species

Site	ın. 2/	- 40	11	lu	l'in		FOF	RM B-1:	BUFF	ER	SAN	/IPL	E Pl		12015	PARTIE VALUE OF THE PARTIES.	Reviewed I	Animi ad	-		•
	ID: <u>}</u>	AY	11/	7					T cu	1 1-	la la	1-/->	2.6 m. l								
Locati				_								340mille	5.07480235	ROBES			sampled and	nag -			
OAAG	Senter	•	N	0	5	O E	0	U.S. ST. ST. ST. ST.	OP Buffer		C211010	Charles and the	Plot :	H100-124	1000	lot 3			ikilo		
Fill in bubble Strata Secti	es for all th on: Fill in a	at app	oly: Ca oriate c	nopy over c	Type: lass b	D = D oubble	eciduous for each	: E = Everare	en. Leaf T	vpe: E	= Bro	adleaf	: N = N	leedie	Leaf. A	bsent: No tree derate(10-40	e canopy. %); 3 = Heavy (40-75	%); 4 = \	ery He	eavy (>75%)
Buffer Plot 1	Canopy		e: 🔞	=	\leftarrow	oseni	Flag	Buffer Plot 2	Canopy		e: @	\simeq	-	sent	: O	Buffer Plot 3	Canopy Type: (Leaf Type: ($\stackrel{\sim}{\sim}$	Ab	sent	: O
Big Trees (>			ര്	0	0	0		Big Trees (0	0	0		0		Big Trees	(>0 3m DBH)	र्ग 🔊	ठा	0	
mali Trees (<0 3m DBH)	0	Ō	0	0	0		Small Trees (0	Ō	0	0	Ō		Small Trees	(<0.3m DBH)		0	0	
Voody Shrub	s, Saplings i-5m HIGH)	0	0	0	0	Ō	H	Woody Shrub	s, Saplings n-5m HIGH)	0		0	0	Ō			bs, Saplings im-5m HIGH)	-	0	0	
Voody Shrub		0	6	0	0	Ō		Woody Shrub		0	0	0	ŏ	ŏ		Woody Shru	bs, Saplings 0 5m HIGH)		Ŏ	Ö	
	Forbs and	0	_	0	0	0			Forbs and	0	0	0	ŏ	ŏ			Forbs and Grasses	-	Ō	•	
Bare	Grasses ground	0	0	0	0	$\overline{0}$		Bare	Grasses ground	0	ŏ	0	ŏ	ŏ		Bar	re ground		Ŏ	Ō	
Lif	tter, duff	0	Ō	<u>0</u>	0	0		Li	tter, duff	0	Ō	0	Ŏ	•		L	itter, duff 🕡 🕻		0	0	
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	egetation Pres			_		_	rm that		egetation bubble i						unfilled		cates absence by	filling th	is bub		@
TO BE LO	Idential	THE ST		1007					Hydrolo	CHIST !	SEE IN		W.		51451		Agricultural & F	DESCRIPTION OF THE PARTY OF THE	100000	1 2 11	-
III bubbl				1	2	3	Flag	Fill bubbi				1	2	3	Flag		o If present - Plot	1	2	3	Flag
Road - gr				0	0	0		Ditches, C	100			0	0	0		Pasture/Ha	av en	0	0	0	
Road - tw				ō	0	0		Dike/Dam	/Road/RF	_		0	0	0		Range		0	0	0	
Road - fo	ur lane			0	0	0		Water Lev	A STREET	i Stru	ıcture	1 _	0	0		Row Crops		0	0	0	133
Parking L	ot/Paven	nent		0	0	0		Excavation	n, Dredgii	ng		0	0	0		Fallow Fiel	d (RECENT-RESTING	0	0	0	
Golf Cour	rse			0	0	0		Fili/Spoil E	Banks			0	0	0			d (OLD - GRASS	0	0	0	
Lawn/Par	k			0	0	0		Freshly Do		Sedir	nent	0	0	0		Nursery		0	0	0	
Suburbar	Residen	itial		0	0	0		Soll Loss/	Root Exp	osure		0	0	0		Dairy		0	0	0	
Urban/Mu	ultifamily			0	0	0		Wall/Ripra	ар			0	0	0		Orchard		0	0	0	
Landfill				0	0	0		Inlets, Out	A STATE OF THE STA	HP.		0	0	0			Animal Feeding	0	0	0	
Dumping				0	0	0		Point Sou (EFFLUENT) Imperviou	OR STORM	WATE	()	0	0	0		Rural Resi	dential	0	0	0	
Trash				0	0	0		(SHEETFLO)		iripu		0	0	0		Gravel Pit		10	0	0	-
Other:		_		0	0	0		Other:				0	0	0		Irrigation		10	0	0	
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Indu	istrial D	evel	opm	ent S	Stres	sor	8						Habit	tat/V	egeta	tion Stres	Bors	a to unique			
FIII bubbl	e if pres	ent -	Plot	1	2	3	Flag	Fill bubble	o If prese	nt -	Plot	1	2	3	Flag	Fili bubb	le if present - Pic	t 1	2	3	Flag
Oil Drilling	9			0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide (Jse	0	0	0	
Gas Well	s			0	0	0		Forest Sele	ective Cut	t		0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (sur	face)	7000		0	0	0		Tree Planta	THE RESERVE OF THE PERSON NAMED IN			0	0	0		Trails		0	0	0	
Mine (und	derground	d)		0	0	0		Tree Cano (INSECT)	py Herbiv	ory		0	0	0		Soil Compa (ANIMAL OR F		0	0	0	
Military		H		0	0	0		Shrub Laye	MESTIC)			0	•	0			nicle damage	0	0	0	
Other: _				0	0	0		Highly Gra (OVERALL <3	zed Gras: " HIGH)			0	0	0		Soil erosion) (FROM WIND, WATE	0	0	0	
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Other:				0	0	0		Recently B		assla	nd	0	0	0		Other:		0	0	0	
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Site ID:	PC	9 P	111	4		DAT	E: _C) (ر ا	1612011				
@ Confirm	a fille	ed da	ta b	ubble l	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 - Piot	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	7.77	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	
								Mi	Fee	Other:	0	0	0	
					PLOT COORE	ANIC	TES						ani n	
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Locatio				DE LA PROPERTIE DE LA PROPERTI					Fill	in b	ubb	le(s)	if p	lot(s	s) cou	uld not be	sample	d ar	nd fla	ig -	→		
OAAC	enter	С	N	0	S	O	3	W		Plot '	-117701		Plot	-		Plot 3				ALL S			ij.
Fill in bubble Strata Sectio	s for all thon: Fill in	nat apı appror	ply: Ca priate d	nopy over c	Type: class t	D = D oubble	eciduou for eacl	is; E = Evergre	Buffer een. Leaf T or each pio	ype: E	3 = Bro	oadleat	f: N = I	Needle	e Leaf. /	Absent: No tree oderate(10-40	e canopy. %); 3 = Hea	vy (40-	75%),	4 = V	ery Hı	eavy (>75%)
Buffer	Canop	у Тур	ю: 🍘) () AI	bsen	t: O	Buffer	Canopy	y Typ)ө: 🌈) (E) AI	bseni	: O	Buffer	Canopy	Туре	: 🚳	0	Ab	sent	: 0
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Big Trees (>	0.3m DBH)	0	0	0	0	9)×	Big Trees (>	>0.3m DBH)	0	0	0	0			Big Trees	(>0.3m DBH)	0	0	0	<u> </u>		
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	5m HIGH)		0	0	0	0			D.5m HIGH)	•	0	0	0	<u>O</u>			0.5m HIGH)	0	0	②	0	0	
Herbs, F	orbs and Grasses	0	0	0	0	0		Herbs, I	Forbs and Grasses	0	0	0	9	0		Herbs,	Forbs and Grasses	0	0	0	0	0	
Bare	ground	0	0	0	0	0		Bare	e ground	0	0	0	0	0		Bar	e ground	9	0	0	0	0	
Litt	ter, duff	0	0	0	0	0		Li	tter, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	0	
	Rock	0	0	0	0	0			Rock	0	0		0	0			Rock	0	0	0	0	0	
	Water	0	0	0	0	0			Water	0	0	0	0	0			Water	2	0	0	0	0	
	ibmerged egetation		0	0	0	0			ubmerged /egetation	0	0	0	0	0			Submerged Vegetation	Ø	0	0	0	0	
Stress	or Pres	senc	e/Ab	senc	e - (Confi	rm that	a filled data	bubble in	ndica	tes pr	resen	ce an	d an	unfiiled	bubble indic		nce b	y fillin	g this	s bub	ble.	0
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ili bubble	if pres	ent -	Plot	1	2	3	Flag	Fili bubble	e if prese	ent - f	Plot	1	2	3	Flag	Fili bubble	if preser	t - Pk	ot	1	2	3	Flag
Road - gra	ıvel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	y	HIE		0	0	0	
Road - two	lane			0	0	0		Dike/Dam/		₹ Bed		0	0	0		Range				0	0	0	
Road - fou	ır lane			0	0	0		Water Lev		l Stru	icture	0	0	0		Row Crops				0	0	0	
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Golf Cours	se .	4.7%	Territ	0	0	0		Fill/Spoil B		NO.		0	0	0		Fallow Flei	d (OLD - GR	ASS,		0	0	0	
Lawn/Park		Ų.,	2111	0	0	0		Freshly De		Sedin	nent	0	0	0		Nursery				0	0	0	
Suburban		itial		0	0	0		Soil Loss/F	Root Expo	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р	刺植		0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	Harris Harris	ding		0	0	0	
Dumping		11.11		0	0	0		(EFFLUENT C	OR STORMY	VATER	00	0	0	0		Rural Resk	dential			0	0	0	
Trash			an on	•	0	0		(SHEETFLOW	V)			0	0	0		Gravel Pit	ensette	A PA		0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation			AF I	0	0	0	
Other:	A 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	DESTRUCTION.		0	0	0		Other:	AMERICAN STREET	ne pe	and the	0	0	0		Other:				0	0	0	
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ili bubble	If prese	ent -	Piot	1	2	3	Flag	FIII bubble	if preser	nt - F	Plot	1	2	3	Flag	FIII bubb	le if prese	nt - F	Plot	1	2	3	Flag
Oil Drilling		111-		0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	ub Cutting			0	0	0	
Mine (surfa	ace)		Ī	0	0	0		Tree Planta	tion			0	0	0		Trails				0	0	0	
Mine (unde	erground	t)		0	0	0		Tree Canop	y Herbivo	ory		0	0	0		Soil Compa				0	0	0	
Military	71 4	-" '		0	0	0		Shrub Laye		d		•	0	•		Offroad veh	0.611	ge		0	0	0	
Other:				0	0	0		Highly Graz	ed Grass	es		0	0	0		Soil erosion	(FROM WIN	_	ER	0	0	0	
Other:				0	0	0		(OVERALL <3" Recently Bu		est	11/1	0	0	0		OR OVERUSE) Other:				0	0	0	
Other:				0	0	0		Canopy Recently Bu		asslar	nd	0	0	0		Other:				\preceq	0	0	
	en codes	Kel				1		(BLACKENED)		E4 F3	atc.			1.0	anad h	y each field cr			_				- 55
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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	•		Glant 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	
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Road - for	ır lane			0	0	0		Water Leve		l Stru	icture	-	0	0		Row Crops	historia.		0	0	0	
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Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	se		0	0	0	
Gas Wells				0	0	0		Forest Selec	ctive Cut		NIS.	0	0	0		Mowing/Shr	ub Cutting		0	0	0	
Mine (surfa	ace)			0	0	0		Tree Plantai		300		0	0	0		Tralls			0	0	0	
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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	
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Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoll	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
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and CVS Field Guide OVER	*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide	Minimum required fields in Bold and Underlined
		Authority: G&C Pub Date: 1998
	Photo Nos.:	TAXONOMIC STANDARD
		lichen
D) 1	Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)	bryo
	Depth: (1-5):	vascul. n/a
TION ORKUP TELL ASIO	□ Stems present Plot size stems: (ha)	high modera. low not smpl
Plan 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	□ Stems not sampled on this plot □ Stems absent	TAXONOMIC ACCURACY
10-d+-10 - the gard contribe and each size of original	Plot size for cover data: O (hectares)	o Hurried data
and with maple with some boach and clim	GPS File Name: \\\ \(\mathcal{U} \mathcal{A} \)	Accurate may still provide good
alosely matched Comm. type of GRTs point-tollo	Coord. Accuracy: g m n n +-3	 Very thorough now much effort put into sampling. Hurried plots
leve back and very young maple. NW most	Longitude: 81. 94656	
thick with spice own. Wast has loss of	Latitude: 41. 41416	SAMPLING QUALITY*
Acro c	Datum: ■ NAD83/WGS84 □ NAD27	□ Perm. water □ Paved □ Slope □ Safety
1	□ Other (specify) ■ m □ ft □	PLOT NOT SAMPLED:
Princip - Sit point is distorted /edio over	■ Lat/Long □ UTM □ StatePlane ■ deg □ deg min	** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.
Leyeur 2xc	Coordinate system: Coord. Units	
content), Kationale (why here), and Veg Characterization (description of community, dominants, strata, BROWSE). Additional notes in space on back.	x = O y = O (base of plot x=0, y=0)	
NOTES: Include Layout (any unusual shape details), Location (directions and landscape	GPS location in plot $x=0$ to 5, $y=-1,0,+1$):	
2	Source of coordinates □ MAP ■ GPS	
Plot placement: Representative GRTS Random Stratified Random	If data not public why?	Plot leader
Kee: (0.0) point	Reason:	Party Role**
ı E	□ Fuzz 100m □ Fuzz 250m □ Fuzz 500m	End date (if > 1 day): / /
. #1 #2 #3 4	Check one: Dublic data Derivate Data	Date (mm/dd/yyyy): / /
	Data Confidentiality:	Level 5 (nested corners sampled)
	X-axis Bearing of plot: [046] o	 Level 4 (no nested corners sampled)
#8	Landowner:	Plot No.: 1/14
2 10		
V	Local Place Names:	Plot Name:
	angle:	Project Name:
X	State: OH County:	Project Label: PCAP
Page 1 of 2	LOCATION	GENERAL INFORMATION
	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	CLEVELAND METROPARKS Plant C

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	Assessment Progran	n - Background Data	Sheet			(A) Claveland Metroperks	letroperk ii
Project Label:	PCAP	Project Name:			Plot No.:	Pa	Page 2 of 2
CLASSIFICATION		STAND SIZE	DISTURBANCES	NCES			
(FIT = excellent, good, fair, poor; CONF = high, med, low)	Fit and Confidence	n >1,000 x plot size	type* seve	severity** yrs ago	% of plot	description	
Hydrogeomorphic class (WETLANDS ONLY):		a > 100 x plot size	Human			:	
DEPRESSION	Fir Conf	□ 10-100 x plot size	Natural				
□ IMPOUNDMENT □ Beaver □ Human	File Conf=	a 3-10 x plot size	Fire				
CRIVERINE a Headwater a Mainstem a Channel	Fit=Conf=	□ 1-3 x plot size	Cut				
SLOPE (ground water hydrology or on a physical slope)	Fit=Conf=	n < plot size	Animal				
D FRINGING D Reservoir D Natural Lake	Fit=Conf=	DRAINAGE*	Other				
COASTAL (specify subclass)	Fir Conf	□ Excessively drained	**L=low, ML=	med low, M=med,	MH=med	**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	
DOG (strongly, moderately, weekly ombrotrophic)	Fit= Conf=	□ Somewhat excessively	Current Land Use:	Use:			
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	NLY):	□ Well drained	Former Land Use:	Jse:			
□ FOREST □ swamp forest □ bog forest □ forest seep	Fit=Conf=	□ Moderately well dr.	HYDROLO	HYDROLOGIC REGIME*	*		
D EMERGENT D marsh D wet meadow D open bog	Fit=Conf=	□ Somewhat poorly dr.	a Upland (seldom flooded)	m flooded)		□ Intermittently flooded	
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	Fit= Conf=	□ Very poorly dr.	□ Intermittently	□ Intermittently/seasonally saturated	ted	□ Semipermanently flooded	
MODIFIED NATURESERVE CLASS*		□ Impermeable surface	(seldom flooded)	led)		□ Permanently flooded	
CODE (on separate form):	Fil=Conf=	SALINITY*	□ Permanently/	□ Permanently/Semipermanent. saturated	aturated	□ Tidal/Seiche flooded daily	
COMMUNITY NAME:		□ Saltwater	(dry <1/yr, s	(dry <1/yr, seldom flooded)		☐ Tidal/Seiche flooded monthly	hly
		n Brackish	□ Occasionally	□ Occasionally flooded (<1/yr)		□ Tidal/Seiche flooded irregular	ular
LANDFORM TYPE*:		□ Fresh	n Temporarily flooded	flooded		(e.g. wind, storms)	
		□ Upland (n/a)				a Unknown	
HOMOGENEITY	Additional notes & diagr	Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)	of plot to the sta	nd, successional st	atus, matur	ity, etc.)	
□ Homogeneous							
□ Compositional trend across the plot							
□ Conspicuous inclusions							
□ Irregular/pattern mosaic							

Park in Pky lot then SE along lake trail and out into woods following GPS

