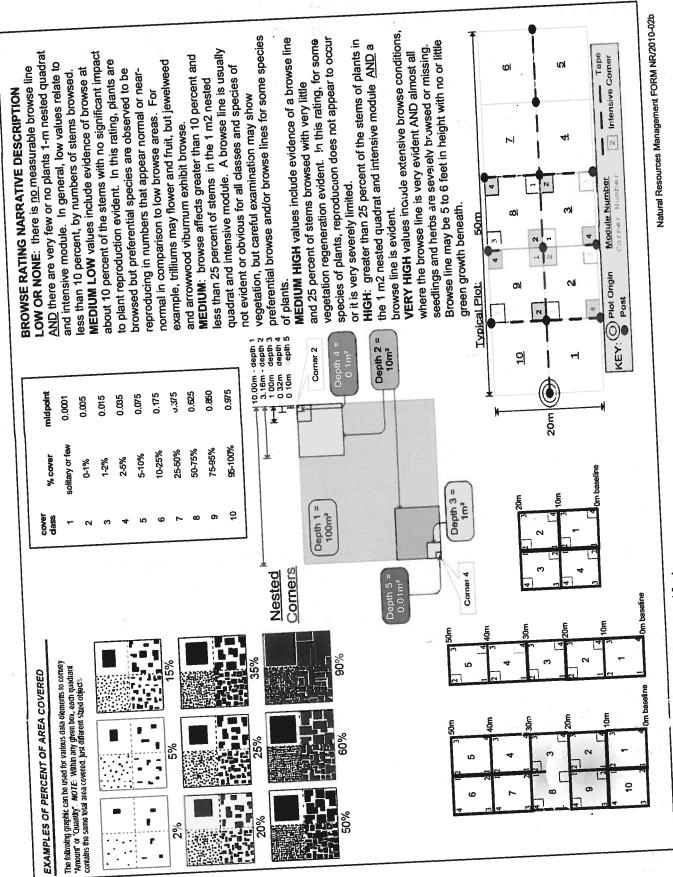
			io: <u>1368</u> Date Sampled: <u>7-22-13</u> Lead: 1
Parling/Access on	deide CD LD		Comment required if item answer is NO
Field journals com	ntside of Park Boundaries:	Y	If yes, write details in Comments section below
Site sketch made o		Y N	
Check cover page		Y N	
Check cover page	X-axis Bearing of plot recorded	(Y) N	
	GPS coords. Recorded	Y N	
	North direction recorded	Y N	
Plot No. Date agre	Photographs taken? ement on all pages?		
Header data comple		N (V) N	
	ded in all Intensive modules	-	
Browse Level By S		Y N	
Woody stem quality			
Invasive plant quali			
Ash trees mapped	y control check	Y N	Marie
Cover by Strata? (co	Onfirm cover type)	YN	NONE IN INTENSIVES
	ed with matching plot #.	1	
	datasheet with initials and number	N	
Vouchers labeled on			
ink flags removed	concetion bag		No Alas Da
Data sheet QA befor	e leaving site?		DO NOT Remove Flags
Common equipment		YN	J
Data sheets scanned		Y N	
inal data sheets sca	nned?	1 1-3-13	Enter date to left CL
Buffer Widths measu		(Ŷ) N	Enter date to left
Veb Soil Survey		N N	B13 6-28-13
oucher Location	Refrigerator	Y N	CL X-30
vouchers collected)	Press (#)	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Enter must be a 1 0
9C1 A93-	Drier	Y N	Enter number to left
ACL 093- ACL 101	Identified	YN	
ACL 101	Mounted	YN	
	Thrown away	YN	
		<u> </u>	
RTS point verifica	tion: Is plot sampleable?		
Yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non-si	amnleable cres (5)	Lin antanan hali a
	Doint falls in a water (i.e. river, lai	ke)	i in calegory below)
	<ul> <li>Managed mowed area (i.e. golf co</li> </ul>		-of-way)
	<ul> <li>Paved area (i.e. parkinglot, road)</li> </ul>		
	<ul> <li>Unsafe to sample (i.e. steep slope)</li> <li>Other</li> </ul>		
ditional Comment			

Fir=_Conf=  If trend across the plot  m mosaic  HYDROLOGIC REGIME  c'Upland (seldom flooded)  lo Intermittently/Semipermanent, sat  (dry <1/yr, seldom flooded)  lo Occasionally flooded  Temporarily flooded  a may flower  a may flower  a may flower  a be farm	CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	- Background Data Sheet - Background Data Sheet - Prot No.: 1368 - Project Name: Of SC 2013
Fores f  Compositional trend across the plot  Compositional trend across the plot  HYDROLOGIC REGIME*  HYDROLOGIC REGIME*  HYDROLOGIC REGIME*  Compland (seldom flooded)  Compland (seldom flooded)  Comparative fooded  Compositionally flooded  Compositional flooded  Composition	r Labet: Fir=	CES  y** yrs ago % of plot description  O 1802 Frash, camp fire
Compositional trend across the plot	COMMUNITY NAME: Mixed Forest	Fire  Cut  Animal M 0 1002 hourst  Other
Conspicuous inclusions a liregularipatent husan.    Chipand (saldom flooded)		**L=low, ML=med low, M=med, Mt1=neu mgn,g  Current Land Use: Lock MA
leby default unless plot is a welland) Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)  Speedwell, Canada may Flower and a large clump of New York fen,  Speedwell, Canada may Flower and near the plot baseline. It camp five was  Remnants of buildings can be found near the plot baseline. It camp five evident in module 6.  A Lycopadium SP. was also present in module 3.	o Irregular/pattern m	rrated
	(by default unless plot is a wetland)  Additional notes & diagrams: (Representativeness of plot to the stand, successional Speedly land anaflower or Remnants of buildings can be founderident in module 6.  **Algorithms of was also present	ed a large clump of New York fern, as I near the plot baseline. A campfine was in module 3.

2aCM PCAP Species Cover Data sheet Page 1 of x\_ver 3.xls last revised 5/29/2012 ceh Cleveland Metroparks Strata - Cov. entire plot CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Total modules: **O** S | H |(F)(A)|Br Carpinus Asteracea P. ds Kason pacea sp. travinus sp. speal Swercus Sp. Seadling neers) a vicainica carex sp. Acer sp. seed Frenanthes Betwa Hurrous alba Tunus seroting 1045 50. icara Quercus rubra Heer rubrum tcer saccharum describe amount of browse per species over Br = Browse Level. Use cover classes to tichella repens vivaihiana LUM/A aranditol beazour utetiana Carelinicia Species entire plot 50. pettatum HOLORS ACL 100 ACL 094 CH- H88 ACL 093 %unveg. ground (bare soil) %unvegetated open water intensive module: Estimate for each Intensive modules: Voucher # Project name: 01 SC 2013 %open water 2 E C ğ cov | depth دودو corner mod comer ئنا 1 7 depth Plot configuration: ş ş depth depth 9 cov depth cov depth 0 Plot no.: 1368 0 0 ПОС 2 3 8 comer 8 depth 反 depth <u>8</u> 4 8 Q دو 8 8 ىوا depth depth Bott COTTHE § Plot area (ha): ş بو 0 رو Page 8 cov depth comer 6 mod 0 8 соты ş depth depth 8 8

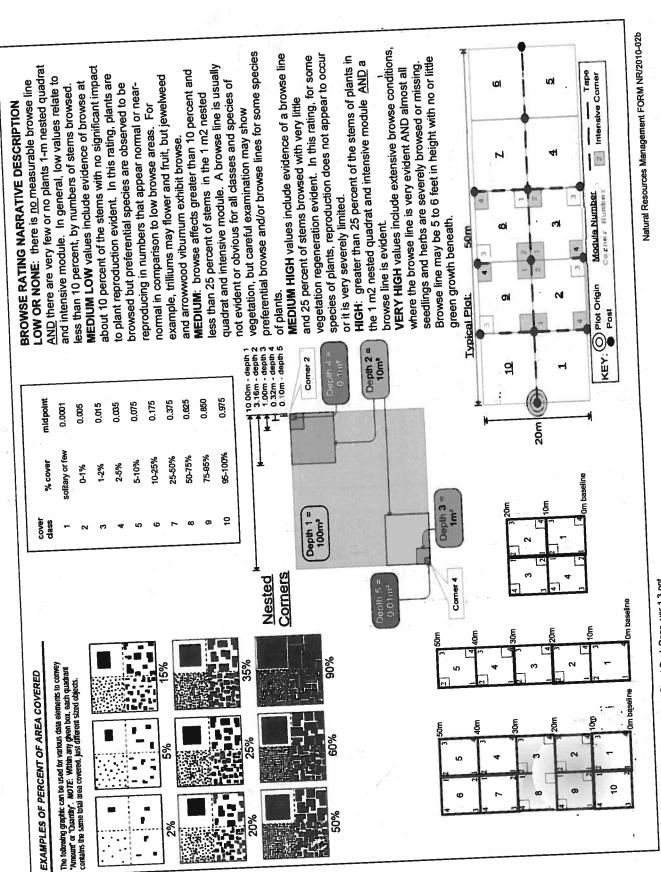
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Natural Resource Management FORM NR/2010-02a



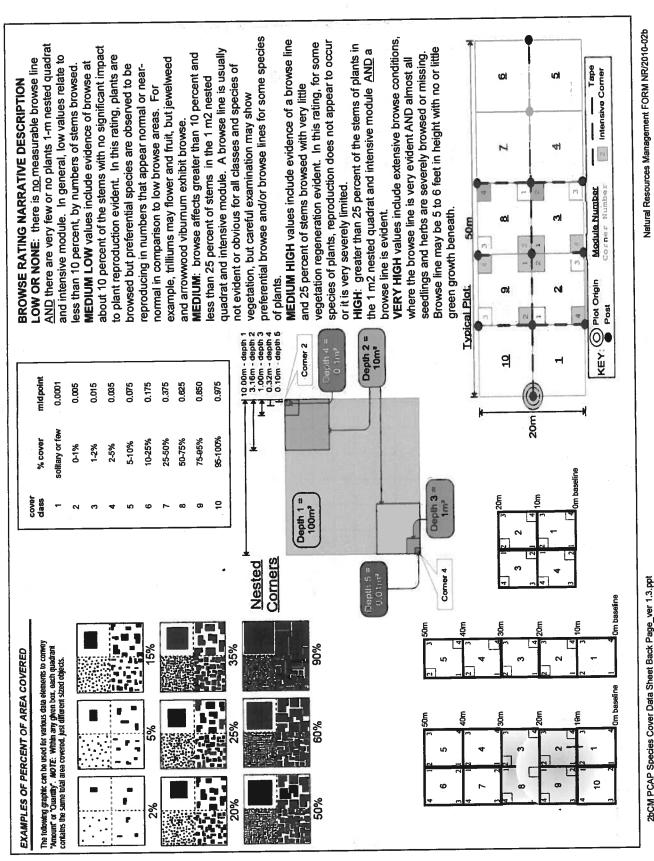
2bCM PCAP Species Cover Data Sheet Back Page\_ver 1.3.ppt

	CM PCAP Species Cove	دودع	2	(U)-	2	2	23	2)	6	وي ا	22	2	2)		23	2)	22	2,4	2)	225	ن ا ا	39	(†) (A)	J ÷	Metroparks	•	>	Total modules:	Project Label:
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Natural Resource Management FORM NR/2010-02a		N	U U		いたのと				ير ا			32	46 7	2 4 2	98	2000	1 2 2 2 1 2 2 1 4 2				w w	uspuri cav depth cov depth		%unveg. ground (bare soil) 1	%open water 1 depth cov de	mod corner mod corner mod corner mod corner mod corner mod	Intensive modules: 4 Plot configuration: 2×5 Plot area (ha)	Project name: 01 SC 2013 Plot no.: 1368 Page 2 of 3	Project Label:



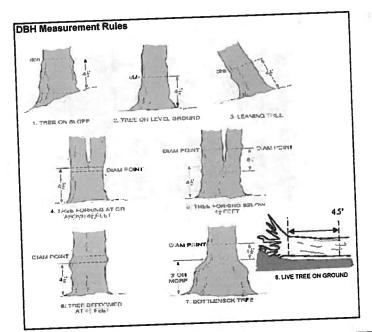
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eh Natural Resource Management EOBM ND 2000 Co.	2aCM PCAP Species Cover Data sheet Page 1 of x_ver 3.xls last revised 5/29/2012 ceh
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	Aster macrophullus
	Purus sp.
-+	Oxalis Stricta
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3	Majarthenum canadons
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2	
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uepun cov depth	describe amount of browse per species over
4 2 2 3 4 13 2	
mod comer mod	•
Intensive modules: 4 Plot configuration: 2 x 5 Plot area (ha):	Total modules: 10 Intensi
Project name: 01 50 2013 Plot no. 13/8	Project Label: PCAP PI
	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a



2bCM PCAP Species Cover Data Sheet Back Page\_ver 1.3.ppt

browse 3aCM PCAP Natural Woody Stem Data Sheet ver 2.0.xls last revised 5/29/2012 jjm W W CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Lindera Buszoie ary Ovata Uranus Cretary so asuc wereus ruba KHIMAD SURAL Ostrua Virginia tous amolistics acono Carolin ter Saccharum Agen Sacr Machin Explain subsample (additional room on back): agus grandinavia temanclis vinjoida MUDEL species lenta benzuin Project Label: PCAP voucher# browsed đ 0-1.4m # stems or super % sub sample Project Name: 0/502013 . clumps shrub size class (cm) woody stems >1.4m **₽** 6 6 1-<2.5 . . 0 . 2.5-<5 8 Plot No. 1368 ١ 5-<10 . . 10 - <15 \$ 15 - <20 20 - <25 Page: 6 25 - <30 30-835 잋 Speweland Needs, warks 35 - <40 ō 52.8 52 >40 (record each tree)



## 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

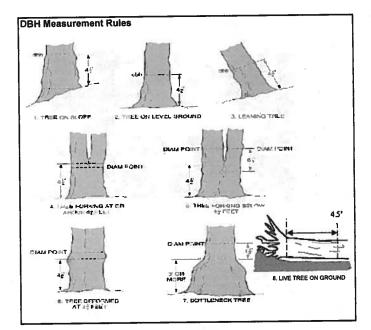
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Ε

ASH CANOPY BREAKUP CONDITION (for dead trees): (if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)

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

		- Cy. c.	D INDONE	Young.	otem Da	a Sheet						9	
Explain subsample (additional room on back):	'	Project Name: Ol > C	ne: C	Stone		Plot No.: 156 7	1962		Page: 2	1	<b>9</b>	W	
	# stems	_	_ 11	size class (cm) woody stems >1.4m	dy stems >	1.4m							
mod # species c voucher#	-	sample clumps	ps 0-41	1-<2.5	2.5-<5	5-<10	10 - <15	6 15 - <20	7 20 - <25	8 25 - <30	9 30 - <35	10 35 - <40	11 >40 (record each tru
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#### **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

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- Triming carroys. There are not as many leaves as and observed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
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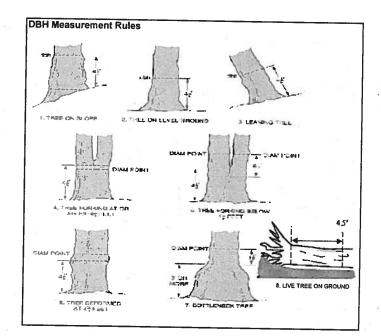
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	Project Label: PCAP	Project Label: PCAP Project Name () SC 2013 Plot No.:	Project	Project Name () SC	38C	2013		Plot No.:	200		Page.	N	2.	Slevela	(Diciemeland Metroparks
	Explain subsample (additional room on back):	ı								100				(	
		# stems			ize class	size class (cm) woody stems >1.4m	y stems >	1.4m							
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#### CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey Cieveland Metroparks **GPS** Tier 1: Early detection/ Rapid response Presence Presence SW NW NE SE X: yes Japanese stiltgrass Microstegium vimineum Ranunculus ficaria Lesser Celandine (vine) Black Swallow-wort Cynanchum Iouiseae (wetland) Flowering Rush Butomus umbellatus Giant Hogweed Heracleum mantegazzianum # of Plants comments Tier 2: Assess as Needed # of Plants NE SE sw NW 1: 1-10 Norway Maple Acer platanoides 2: 11-50. Ailanthus altissima Tree of Heaven 3: 51-100 (vine) Japanese Honeysuckle Lonicera japonica 4: 101-1,000 (wetland) Purple Loosestrife Lythrum salicaria 5: >1,000 (G-cover) Bishop's Goutweed Aegopodium podagraria Celastrus orbiculatus (vine) Asian Bittersweet Hedgeparsley Torilis sp. Poison Hemlock Conjum maculatum Common Buckthorn (shrub) Rhamnus cathartica Japanese Barberry (shrub) Berberis thunbergii European Alder Alnus glutinosa Cut-leaf Teasel Dipsacus laciniatus Autumn Olive (shrub) Elaeagnus umbellata Amur Honeysuckle (shrub) Lonicera maackii Euonymus fortunei Wintercreeper # of Plants comments Tier 3: Presence is of Interest # of Plants NW NE SE SW 1: 1-10 (G-cover) Lily of the Valley Convallaria majalis 2: 11-50. (G-cover) Crown Vetch Coronilla varia 3: 51-100 Five-leaf Aralia (shrub) Eleutherococcus pentaphyllus 4: 101-1,000 (G-cover) Japanese Pachysandra Pachysandra terminalis 5: >1,000 (shrub) Mock Orange Philadelphus coronarius (G-cover) Lungwort Pulmonaria officinalis Rubus phoenicolasius Wineberry (wetland) Yellow Flag iris Iris pseudacorus Star of Bethlehem Ornithogalum umbellatum **European Cranberry** (shrub) Viburnum opulus var. opulus Viburnum plicatum Doublefile Viburnum (shrub) Tier 4: Widespread and abundant Presence comments SW NW # of Plants NE SE 1: 1-10 Garlic Mustard Alliaria petiolata 2: 11-50. **Common Privet** (shrub) Ligustrum vulgare 3: 51-100 **Bush Honeysuckles** (shrub) L. morrowii, L. tatarica 4: 101-1,000 **Reed Canarygrass** Phalaris arundinacea 5: >1,000 Phragmites australis (wetland) Phragmites Japanese Knotweed Polygonum cuspidatum Glossy Buckthorn (shrub) Frangula alnus (shrub) Multiflora Rose Rosa multiflora (wetland) Cattails Typha angustifolia, T. x.glauca Canada thistle Cirsium arvense **Common Teasel** Dipsacus fullonum Dame's Rocket Hesperis matronalis (G-cover) Periwinkle Vinca minor

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

				regated.	rut counts are agg	NOTE: tussock and hummocks are counted in BOTH nested quadrat corners but counts are aggregated.	unted in BOTH nes	d hummocks are co	TE: tussock a	S
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7	depth 1 SLOPE	depth 1	depth 1	achui :	-		X H			
8 24 10 2					depth 1	depth 2	depth 3			-
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2 5 60 12	microhab microhab		(12-10-11)	(2-12 cm)	depressions	hummocks	tussocks			_
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Space (4 dots per grid square)		c.w.d count for pieces with minimum 1m length	it for pieces with	c.w.d - cou				7		
				ignest quality	and on the control of the	feature is present in moderate or greater amounts and of highest quality	or greater amounts	resent in moderate c	10 feature is p	_
				16	on, of low quality	feature is present in moderate amounts, but not of highest quality or in small amounts.	mounts, but not of	esent in moderate a	7 feature is p	
					<b>!</b>	feature is present in the wetland in very small amounts or the	absent from the we	feature is present in the wetland in very small amounts of	3 feature is p	1000
	Slope 1 = sight elevational grade across module (hit)  Slope 2 = fails on slope =20 *  Slope 3 = maximum steepness (1-3) to begin + any features present	cely gets ranked besed on steepness (1-3) to begin + any feature. Slope 3 = maximum steepness that can be safely sampted -4,5°	reficelly gets renker Slope 3 = max	nod falls on a slope auton n slope ~20 °	score.NOTE: If mod falls on a Stope 2 = falls on stope -20 °	two and average the	ielect one or select across module (hill)	nt elevational grade	Slope 1 = slig	
					<u>nodules only</u>	only intensive modules only				
reman snape index (site microtopographic shape)			and a mit sn. pol	L long a fall sh. fen			THE COLL	POGRAPHIC FI	MICROTO	
Landform Index (position within landscape)	Fit Conf		rsh 🗆 wet meadow	□ EMERGENT □ marsh □ wei meadow □ open bog						
		NDS ONL	forest a bog fores	□ FOREST □ Swamp forest □ bog forest □ forest						
+270 depress VV	Fit= Conf=		Constitution of the second	Ohio EPA VIRI Pinni C	3.5					
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IFILLED OUT USING GIS PROGRAM. DO NOT THE		DE ONT W	class (WET) ANI	Hydrogeomorphic class (WFT) ANDS ONE CO.	<u></u>				1	
McNAB INDICES (degrees) + for up - for down			and Confidence	(FIT - excellent a Fit and Confidence	<u>L_</u>	Corner Comer	C7		Module #	
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						module. Required for VIBI-E score calculation. C'=check when	score calculation.	required for VIBI-E	module.	
					<u>E</u>	in 0.1m clip plots (32×32 cm) from comergent wetlands) collected	luired for emerge	in niots (32v32 cm)	in 0. Im c	
	1500							SOTBECKE OF	TANT	

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

Project Label: PCAP Project Name: 0/50/3

Plot No.: 1368

(Complete of the Company of the Comp Page: 1 of 1

LFI is angle of plot to the horizon. TSI is angles formed by local slopes. For TSI measure angle from recorders eye to eye of person standing - 10 m

SaCM PCAP Plant Cover\_Earth Surface Data sheet Page 1\_ver 3.xts last revised 5/29/2012 cah

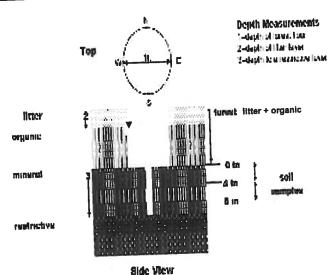
COVERI	DVG	TDA	TA.

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
	the state of the s

\*Very tall shrubs are sometimes included in the tree stratum

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

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



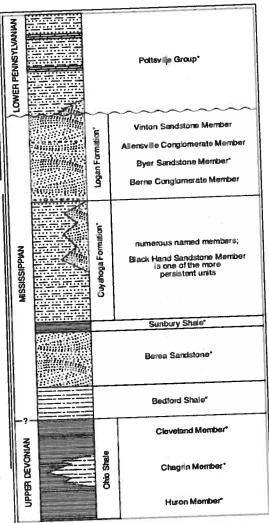


FIGURE 3-20.—Generalized section of Upper Devoman, Misisseppian, and Lower Pennsylvanian formations in northeastern Ohio Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the thicknesses indicated are proportional. The term "Wavety is used in the older literature to refer to Mississippian rocks in Ohio. Some geologists use the European term "Carboniferous," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Formation, but most units are local and cannot be traced over great distances. The Black Hand Member is a spectacular massive sandstone that is fairly undespread but discontinuous. See Hyde (1953), Hoover (1960), and Collins (1979) for more information on Mississippian rocks in Ohio. See figure 3-18 for explanation of rock types.

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

Project label: PCAP Project Name: 01502013

Plot No.: 1368

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Page: 1 of 1

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

20 cm Soil pit module # 3 (one per entire plot) 5 cm oxid roots redox features \*\* matrix color hydr. cond.\*\*\* texture\* matrix color 2.54 oxid roots ottle color edox features\*\* mottle ottle color D I S/M) D 0 Z □ Well drained Excessively dr.

refer to texture classes on reverse side

hydro. cond \*\*\*

I S M D

\*\* e.g. hydrogen sulfide odor, gleying, etc.

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

I will present

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

Depth to rest. Layer: Soil Series/Type: Wadsworm S: Hlogm arent Material: andform type: Soil Series Source: Ohio Soil Survey 2,3,8,9 composited Soil Collection Moduld Horizon (A. B. C) eb Soil Survey Information: Knolls >80 m

□ Impermeable surface Somewhat poorly dr. Moderately well dr. □ Very poorly dr.

☐ Somewhat excessively

C1-8-3-13

 $0.1\,\mathrm{cm}$  in center of intensive modules. If >30.5 cm, SOIL DEPTH MEASUREMENT. Measure to the nearest record as >30

_	_	_					
L	0	00	6	1	<b>)</b>		
6.7	7	22	2.8	€. ×	(cm)	organic depth	1 litter+
47		23	2,0	0.8	depth (cm)	2 litter	
0		9	Ø	0	(cm)	water depth	
730	100	525	730	3	soil (cm)	depth sat	

EARTH SURFACE & GROUND COVER	CE & GROU	ND COVER	
Underlying Earth Surface	h Surface*	Ground Cover	Ì
(Sum = 100%)	percent	(Fach ≤ 100%)	
Histosol	62.	Coarse Woody Debris***	129
Mineral Soil	100%	Fine Woody Debris****	100
Gravel-Cobble*	82.	Litter	30%
Boulder**	02.	Duff (Ferm. + Humus)	200
Bedrock	07.	Bryophyte- Lichen	200
Gravel-Cobble = 1/16-10*		Water	300
**Boulder = > 10 in		Bare Soil	2
*** >5 cm in diameter	ter	Road/Trail	. ا هـ
*** <5 cm in diameter		Other	300

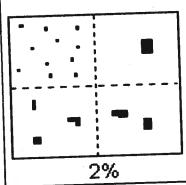
estimate u	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	,ex:3, 8, 13
Strata	Height Range (m)	Total Cover (%)
Tree	5 -	93%
Shrub	5 5.	33% 33%
Herb	8.0	38%
(Floating)*		
(Aquatic)*		
* rooted and fic	* rooted and floating or slightly emersed	ed
** submersed,	es submersed, most plant mass below surface	surface
SEE BACK OF DESCRIPTION	SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE	STRATA

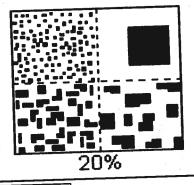
n Deer	□ Grave!	□ Bootleg unsanctioned	□ Hiking sanctioned	o Bridle	□ All Purpose	Type NONE	record type and cover for each	TRAIL INFORMATION	-
						%Cover	each	#	

0		_				8	
□ < plot size	□ 1-3 x plot size	□ 3-10 x plot size	d 10-100 x plot size	□ > 100 x plot size	□ >600 x plot size	STAND SIZE	

# PERCENT MOTTLES (USE CLASS CODES):

PERCEITI INO			(0.0)
Class	Conv.	ode NASIS	Criteria: % of Surface Area Covered
Few Common	f C	# #	< 2 2 to < 20 ≥ 20
Many	m	#	≥ 2





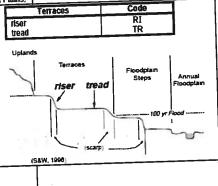
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but 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 pans of landforms or microfeatures that are best applied to areas. Unique descriptors are available for Hills, Terraces, Mountains, and Flat Plains;

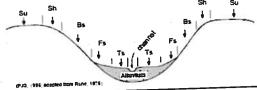
e.g., (for Hills) nose slope or NS.

1	****	PDP	NASIS	. 1
	interfluve head slope nose slope side slope base slope	IF HS NS SS	IF HS NS SS BS	
		Head slope	A STATE OF S	
	Albania (	Hose slope		
•	highe	r order stroom		



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

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



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

(PJS, 1996; adapted from Ruhe, 1975)

INTERMITTENTLY/SEASONALLY SATURATED: Dry at least once per year. Surface water is seldom present, but substrate is saturated UPLAND: Not a wetland. Very rarely flooded.

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

TEMPORARILY FLOODED: Surface water present for brief periods during growing season, but water table usually lies well below soil characterizes flood-plain upper terraces. 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

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

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

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

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Buffer Canopy Typ	e: <b>(</b>	(		bsent:			,,,-,	pharse	(~10%)	Leaf. Absent: No tree canopy. ; 2=Moderate(10-40%); 3 = Heavy (4	0-75%);	4 = V	'ery He	avy (
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andfill		+-	+		Wall/Riprap		0	0		Orchard	0	+-	+-	├-
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llow Floating Hear	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	•	0	0	
ant Salvinia	0	0	0	1-	Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
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Fill in bubbles for all that app Strata Section: Fill in approp	oly: Car riate c	nopy T over cl	ype: i ass b	D = De ubble f	clduo or ead	us, E = Evergr ch strata type i	Buffer een. Leaf or each pl							eaf. /	Absent: No tree canopoderate(10-40%): 3 =	y. Heess	(40-74	:0/ \· /	- 1/0		
Buffer Canopy Typ	e: 🕎	0	Ab	sent:	0	Buffer	Canop				<u> </u>		sent:	$\overline{\bigcirc}$		ору Ту	-	70), 4	(1)	_	ent: (
Leal Typ	B: 🕥	<u> </u>	1	F	lag	Plot 2	Lea	af Ty	/pe: (	D	Ŏ,		F	<u> </u>	Distant	eaf Ty	_		$\frac{\odot}{\odot}$	AUS	
Big Trees (>0.3m DBH)	0	<u> </u>		0		Big Trees (	>0.3m DBH	0		0	) (		<u> </u>		Blg Trees (>0.3m1		İ	7	Ĭ.	) (C	
Small Trees (<0.3m DBH)			<b>O</b>	0		Smail Trees (	<0.3m DBI-	, C		0	+=		5		Small Trees (<0.3m t	_	4	4		_	5
Woody Shrubs, Saplings (0.5π-5m HIGH)	0		$\odot$	0		Woody Shrub (0.5n	s, Saplings +5m HIGH)	0	0	0	0		5		Woody Shrubs, Sapl	ngs		3	+		5
Woody Shrubs, Saplings (<0.5m HIGH)		<b>0</b> (	$\odot$	0		Woody Shrub	s, Saplings .5m HIGH)		<del></del> -	0			5	_	(0.5m-5m Hi Woody Shrubs, Sapi	ngs (		_	_		) )
Herbs, Forbs and Grasses		<u> </u>	<u> </u>	0			orbs and Grasses		_	0	<b>+</b> =	_	5		(<0.5m Hi Herbs, Forbs	- 1					
Bare ground ①		2	3	0	,	Bare	ground	lo O	+=	ĕ	10	-	_	$\dashv$	Grass Bare grou						<u> </u>
Litter, duff	0	<u> </u>	3 [	9			ter, duff	0	+=	0	0	-	_	+				+	-		2
Rock ①	9 (	<b>3</b> (	<u>ا</u> رو	<u>ol</u>			Rock	0	0		0	_	-	$\dashv$	Litter, de			-	_		4_
Water	olo	_	_	<u></u>	$\neg$		Water	0		9	+=	+-		-	Roo	-1			_	_	-
Submerged Vegetation	= +		-	<u></u>	$\dashv$	Su	bmerged		0	0		╅┋	_	$\dashv$	Wat Submerg	_		9 (		<u>) (</u>	<u> </u>
		_   `			that	Via filled data	egetation			0	0		<u> </u>	$\perp$					) (	010	
Stressor Presence	Irban	Stre	SSO	rs	Tial							ind a	n unfil	led !		1	30.00				
FIII bubbie If present - PI		-	1	3 FI	90	Fill bubble	lydrolog				T -		1 -	1	Agricu		_	ural	Stre	850	rs
Road - gravel	-	_	+		3				Plot	1	2		1-	$\neg$	Fill bubble if pres	ent - I	Plot	1	2	3	Fla
Road - two lane			$\overline{}$	5	-+	Ditches, Ch Dike/Dam/F				0	C	_		$\rightarrow$	Pasture/Hay			C			>
Road - four lane	1	_	-	5	+	(IMPEDE FLOV Water Leve	0			0	C	-		-	Range			0	C		-
Parking Lot/Pavement		$\rightarrow$	-	5	_	Excavation,			cture	0	0	+			Row Crops			0	C	_	_
Golf Course		-	_		$\rightarrow$	Fill/Spoil Ba				0	0	-	_	118	Fallow Field (RECEN ROW CROP FIELD) Fallow Field (OLD - (		ING	0	10	+-	_
Lawn/Park		+-	_	_	$\dashv$	Freshly Dep	osited Se	edim	ent	00	0	+	_	- 8	HRUBS, TREES)	ross,		0	C	+	$\vdash$
Suburban Residential	C	_		_		(UNVEGETATE Soil Loss/Ro		sure	$\dashv$	0	0	+	_	-12	Nursery		1 13	0	0	+-	_
Urban/Multifamily	To	_	_	-	_	Wall/Riprap			$\neg$	$\frac{\circ}{\circ}$	0	10	<del>' </del>	+	Dairy			0	0	10	<u> </u>
Landfill	C	+-	+	+	-	nlets, Outle	s		-	0	0	10	-	-	Orchard			0	10	+	<u> </u>
Dumping	C	_	+-	_	-	Point Source	/Pine		$\dashv$	0	0	0	_	_	Confined Animal Fe	eding	_	0	0	-	<u> </u>
Trash	•	-	+	_	יו	mpervious s	urface in	put		0	0	0	-	+	Gravel Pit			<u>0</u>	0	0	ــــ
Other:		0	C			SHEETFLOW) Other:			7	ŏ	0	6	+-		rigation		-	0	0	0	-
Other:	10	0	C		_	Other:				히	0	6	-	-	ther:	_	-	0	0	0	<u> </u>
Industrial Develop	nent	Stre	SSOI	rs	1								logote	-	n Stressors			0	0	0	
fill bubble if present - Plo	1	2	3	Flag	FI	II bubble If	present	. PI	ot		2	_		_			- 7				
Oil Drilling	0	0	0		$\top$	rest Clear C					0	3	Flag		Fill bubble if pres	ent - F	Plot	1	2	3	Flag
Gas Wells	0	0	0			rest Selectiv				5	0	0			erbicide Use		-	0	0	0	
Mine (surface)	0	0	0			ee Plantation	1	124		-	$\neg$	0	L		owing/Shrub Cuttin	9	-	0	0	0	
Mine (underground)	0	0	0		Tre	ee Canopy H				읶	의	0		So	ails il Compaction		4	0	0	0	
Military	0	0	0	_	Sh	rub Layer B	rowsed		+	2	읬	0		(AN	IIMAL OR HUMAN)		1	이	0	0	
Other:	0	0	0	-	Hiç	thly Grazed	ric) Grasses		-	*	의	9			road vehicle dama			이	0	0	
Other:		_			(OV	ERALL < HIG	H)		-		의	이		OR	OVERUSE)	D, WAT	ER,	<u>o</u>	•	0	
Other:	0	0	0		Ca	nopy cently Burns			-	-	익	0		Oth	er:			0	0	0	
-	10	0	0		(BU	ACKENED)			- 1 (		0	0		Oth	er:			0	0	0	
Flag codes: K = No mo	easure	ment	Exp	e, U = lain ali	Susp flags	ect measuren In comment	nent., F1, section o	F2, e	etc. = n	nisc. of th	flags s for	assi	gned b	y ead	ch field crew.	2	428		-	-	

Site ID:	PC	A	25	C1368	DATI	E: _(	240		27120.13				
• Confirm a	fille	d da	ta bu	ibble indicates presence and an unfi	iiled b	ubbl	e Ind	licates	absence by filling in this bubb	ole			
ill bubble if present - Plot	1	2	3	Flag Fill bubble if present - Plot	1	2	3	Flag	FIII bubble if present - Plot	1	2	3	Flag
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	
fellow 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 Buckthor	0	0	0	
Gartic 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	
ecation of the plot coordinate	es by	fillin	g in t	ne appropriate outbie.	do loo	otion	۸۱۸	NG TH	FIRE TRANSECT. This is important	beca	use a	II Bu	fer
Buffer Plot 3 can not be ac lots are centered on the Bu ag box, and describe where their placed as close to the Location of coordinate O AA CENTER	cessifier To the cention	rans coorder of choo	g in take the ects dinate Plot	the coordinates at the nearest practical and the coordinates will indicate the loss were taken and why in the comment as possible or at the center of the last	ble location t section st acce	ation of the on beessible	ALO e trai low. le Bu	NG TH nsect. I The co ffer Plo ion (fla	E TRANSECT. This is important ill in the "nearest practicable loc ordinates of the nearest practica	becar cation' ble lo	use a bub cation	ill Bur bie, f	fer ill in
Buffer Plot 3 can not be action of the plots are centered on the Buffer placed as close to the Location of coordinate O AA CENTER	cessory of the center of the c	rans coorder of choo	g in take the ects dinate Plot	the coordinates at the nearest practical and the coordinates will indicate the loss were taken and why in the comment 3 as possible or at the center of the last one):  O E3 O W3 O Nearest pr	ble location t section st acce	ation of the on beessible	ALO e trai low. le Bu	NG TH nsect. I The co ffer Plo ion (fla	E TRANSECT. This is important Fill in the "nearest practicable locordinates of the nearest practicat.  ag and comment below)	becar cation' ble lo	use a bub cation	ill Bur bie, f	fer ill in t be
bocation of the plot coordinate  Buffer Plot 3 can not be accepted an are centered on the Bufag box, and describe where the placed as close to the Location of coordinate  O AA CENTER  Latitude	cessory of the center of the c	rans coorder of choo	g in take the ects dinate Plot	the coordinates at the nearest practical and the coordinates will indicate the loss were taken and why in the comment 3 as possible or at the center of the last one):  O E3 O W3 O Nearest pr	ble location t section st acce	ation of the on beessible	ALO e trai low. le Bu	NG TH nsect. I The co ffer Plo ion (fla	E TRANSECT. This is important Fill in the "nearest practicable locordinates of the nearest practicat.  ag and comment below)	becar cation' ble lo	use a bub cation	ill Bur bie, f	fer ill in t be
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05/27/2011

					FORM B-1: BUFFER	SAM	MPL	EF	LOT	S (F	Front)	IFER C	Review	ad b.			
Site ID: PCAP	<u>SC</u>	1	36	ઇ								1 .					
Co-cocation:					FIII in b	ubb	le(s)	lf r	lotts	1 00	E: 0.7	<u> </u>	21	<u></u>	0	ا ا	<u></u>
O AA Center O	1	0	S	9 E	OW OPlot	1		Plot			Plot 3	s sampi	ec an	o tia	ig –	→	
Fill in bubbles for all that apply:	Can	opv T	voe:	D = Dec	Buffer Nate duous; E = Evergreen. Leaf Type: E each strata type for each plot 0 =	ural	Cov	er S	trata								
Strata Section: Fill in appropria  Buffer   Canopy Type:	te co	ver cl	ass b	pubble fo	duous; E = Evergreen. Leaf Type: E r each strata type for each plot. 0 =	3 = Bro Absent	adieaf ; 1 = S	; N = Spars	Needle e(<10%	Leaf	Absent: No tre- loderate(10-40	e canopy. %): 3 = Hes	avv (407	75% \	1 - \/o	n, La	/- T
Buffer Canopy Type:		<u> </u>	At	sent:	O Buffer Canopy Typ	e: 🙆	(E)		bsent		Buffer				_	_	
Lear Type:		<u>()</u>			ag Plot 2 Leaf Typ	-=	0			Flag	Plot 3	Canopy	Type:	_	<u> </u>	Abs	ent:
Big Trees (>0.3m DBH)		_	<u> </u>	0	Big Trees (>0.3m DBH)	0	0		01	· lug	Big Trees	(>0.3m DBH)	TAT			B) /	<del>∏</del> FI
Small Trees (<0.3m DBH)		-	<u>ව</u>	0	Small Trees (<0.3m DBH)	0	<del>-</del> +	ŏ	ŏl		Small Trees			=+	=+	_	의_
(0.5m-5m HIGH)	-			0	Woody Shrubs, Saplings (0.5m-5m HIGH)	0	_	Ō	ŏ		Woody Shru	bs, Saplings		-		_	의_
(<0.5m HIGH)		_	<u> </u>	0	Woody Shrubs, Saplings (<0.5m HIGH)	= $+$	_	তী	ŏl		Woody Shrut	m-5m HIGH) bs, Saplings		= + -			의_
Grasses U			<u>ا</u> (و	0	Herbs, Forbs and Grasses	-	=+	_	ŏt		(<	0.5m HIGH) Forbs and		_		_	의_
Bare ground ① ①			<u>آ</u>	0		-	_	$\overline{}$	ŏt		Rare	Grasses ground		_		_	<u> </u>
Litter, duff 0 1	10		) (E	9		=+	= +	<u> </u>	ă					-   -		_	의_
Rock 🔮 🛈	0		) (C	0		_	_	-	5	$\dashv$		tter, duff	0 0		_		4_
Water 🕢 🕠	0		) (C	0		-	_	_	5			Rock			_		
Submerged Vegetation	0		0	<u> </u>	Submerged A	<u> </u>		_	5	$\dashv$	Sı	Water bmerged					-
Stressor Presence/At	ser	ice	- Co	nfirm t	vegetation vegetation at a filled data bubble indicate	s pres	ence	and	20 110	filed I	V	egetation		)[6	)[@	)(	기_
Residential and Urb	an S	Stre	SSO	rs	Hydrology Str	meen	- CONCE	ariu	an un	mied i							
Flil bubble if present - Plot	1	2	T	3 Flag			-	2 [	1			gricultu		dural	Stre	880	rs
Road - gravel	0	1	5		Ditches, Channelization			2			Fill bubble i	f present	- Plot	1	2	3	Fla
Road - two lane	0	C	-	5	Dike/Dam/Road/RR Bed		_	$\rightarrow$	의		Pasture/Hay			C	+	+-	)
Road - four lane	0	C		5	(IMPEDE FLOW) Water Level Control Struction		_	$\rightarrow$		-	Range			C	+-	+-	
Parking Lot/Pavement	0	C	1	5	Excavation, Dredging	,		-	5		Row Crops allow Field (	PECENT DE	CTING	10	+-	+	+
Golf Course	0	C	1	5	Fill/Spoil Banks		_	_	5		allow Field			0	10	+ -	_
Lawn/Park	0	C	0	5	Freshly Deposited Sedimer	11 (	_	_	5	-   s	HRUBS, TREES	)	· ·	0	10	0	-
Suburban Residential	0	0	C		Soil Loss/Root Exposure	1	-		5	_	Nursery Dairy			10	10	0	_
Urban/Multifamily	0	0	C		Wall/Riprap	1	-			-	Orchard			0	10	0	
Landfill	0	0	C		Inlets, Outlets	1	_	$\rightarrow$		-	Confined Anin	nal Foodir	200	0	0	0	<del> </del>
Dumping	0	0	C		Point Source/Pipe (EFFLUENT OR STORMWATER)	Ì	_	_	_		ural Residen		ig	0	0	0	<del> </del>
Trash	0	0	0		Impervious surface input (SHEETFLOW)	Ċ	$\rightarrow$	_			iravel Pit			0	0	0	├
Other:	0	0	0		Other:		_	_		+	rigation			0	0	0	
Other:	0	0	0		Other:	_ C	_	_			ther:			00	0	0	
Industrial Developme	nt S	tres	sor	'S							n Stresson			0	0	0	
ill bubble if present - Plot	1	2	3	Flag	FIII bubble if present - Plot		2	3	Fla	_							
Oil Drilling	0	0	0		Forest Clear Cut	0	0	0			Fill bubble it	present	- Plot	1	2	3	Flag
Gas Wells	0	0	0		Forest Selective Cut	0	0	6	+		rbicide Use		-	0	의	0	
Mine (surface)	ol	0	0		Tree Plantation	1	+	_	├-		wing/Shrub (	Cutting	-	이	0	0	
Mine (underground)	ot	o	0	_	Tree Canopy Herbiyory	0	0	10	-	Tra	ils I Compaction			0	0	0	1
		0	0		(INSECT) Shrub Layer Browsed	0	0	0	-	(ANI	MAL OR HUMAN	V)(V		0	0	0	
	$\rightarrow$	ŏ	5		(WILD OR DOMESTIC) Highly Grazed Grasses	0	•		-		road vehicle			0	0	0	
	$\rightarrow$	5	3		OVERALL <3" HIGH) Recently Burned Forest	0	0	0		ORC	erosion (FRO OVERUSE)	JM WIND, W	ATER,	0	0	0	
		_	$\rightarrow$	1	Сапору -	0	0	0		Othe	er:			0	0	0	
Other:	210	0 I	01	- 1	Recently Burned Grassland	0	0							- 1	- 1		

	7001			UFFER SAMPLE P						Keviewou by	(initial)	:		
Site ID:	PC	Al	> <	1368		DATE	ک ::	),9	2/2	2212013				
O Confirm a	fille	d da	ta bu	ibble Indicates presence a	nd an unfil	lled b	ubbi	e Ind	Icates	absence by filling in this bubi	ble			
II bubble if present - Plot	1	2	3	Flag FIII bubble if prese	nt - Plot	1	2	3	Flag	FIII bubble if present - Plot	1	2	3	Flag
urasian Watermilfoil	0	0	0	Purple Loosestrife		0	0	0		Johnson Grass	0	0	0	
Vater hyacinth	0	0	0	Knotweed	19 70	0	0	0		Kudzu	0	0	0	
ellow Floating Heart	0	0	0	Japanese Knotwee	d	0	0	0		Multiflora Rose	0	0	0	
Gant Salvinia	0	0	0	Perennial Pepperwe	eed	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	
/ile-A-Minute Weed	0	0	0	Reed Canary Grass	s	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	- VENT	0	0	0		Other:	0	0	0	
randou Triiotto			10		27-215					Other:	0	0	0	
				PI O	T COORI	DINA	TES				Yes			
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ash	9				Impervious surface input (SHEETFLOW)	_	$\rightarrow$	o d	_	Gravel Pit		10	+-	_	+-
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e (underground)	0	0	0		Tree Canopy Herbivory	0	1		+	Trails		9	0	•	
tary	0	0	0		(INSECT) Shrub Laver Browsed	0	1		_	Soil Compaction (ANIMAL OR HUMAN)			0	•	
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ellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose		0	0	
iant Salvinia	0	0	0	=	Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	_
arlic 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	
ile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
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Small Trees (<0.3m DBH)	510	0	DIC	<u> </u>	Small Trees (<0.3m	_	+=	Ö	0		16	_		(>0.3m DBI	1		0			4_
Woody Shrubs, Saplings (0.5m-5m HiGH)	DIC	5 C	510	<u> </u>	Woody Shrubs, Sap	lings	5	0	0				Small Trees Woody Shri	Jbs, Saplings		0	0		0	+
Woody Shrubs, Saplings (<0.5m HIGH)			_	5 -	(0.5m-5m H Woody Shrubs, Sap	ings	-		<del>-</del>		+-	-	(0.5 Woody Shru	im-5m HIGH	<u> </u>	0		0	0	1
Herbs Forbs and	5			5	(<0.5m H		0		<u> </u>		+-		(-	0.5m HIGH)	10	0		0	0	
Bare ground 🕢				5	Gras		0	8	<u> </u>	0		_	Heibs	Grasses			0	0	0	4
Litter, duff 0			_		Bare grou		$\odot$	Ø		0		_	Bar	e ground		0	<u> </u>	0	0	
Rock 🔾					Litter, o	_	$\odot$	0	<u> </u>			_	L	itter, duff	0	0	0	0		$\Box$
			-		Ro	ck	0		<u> </u>	0				Rock	0		0	0	0	
Submarred			-	-	Wa			0	<u> </u>	0	0			Water		0	0	0	0	
Vegetation Vegetation				- 1	Submer Vegetal	ion f		0	0	0	0			ubmerged Vegetation		0	0	0		
Stressor Presence/A	bse	nce -	Cor	ofirm tha	at a filled data bubb	le in	dicat	es pre	sen	ce a	nd a	n unfille	ed bubble indic	ates abse	nce b	y filli	ng thi	s but	ble.	
Residential and Ur	ban	Stres	sor	8	Hydro									Agricultu			_	_	_	_
Fill bubble if present - Plot		2	3	Flag	Fill bubble if pr	ese	nt - P	lot	1	2	3	Fla			_		1	2	3	Fla
Road - gravel	C				Ditches, Channe	lizat	ion		0	0	C		Pasture/Hay			+		$\neg$	-	гіа
Road - two lane	C	0	C		Dike/Dam/Road/	RR	Bed		ō	0	To		Range	7 - 1		-	읝	의	의	
Road - four lane	C	0	C		Water Level Con	trol	Struc	ture	Ö	0	Č	-	Row Crops			+	의	의	의	
Parking Lot/Pavement	C	0			Excavation, Dred	ging			0	0	C	-	Fallow Field	(RECENT-F	RESTIN	G	읬	의	의	-
Golf Course	0	0	0		Fill/Spoil Banks			_	Ö	0	o		Fallow Field	(OLD - GRA		$\rightarrow$	의	의	의	17.7%
Lawn/Park	0	0	0		Freshly Deposite (UNVEGETATED)	d Se	dime	ent	Ö	0	o	_	SHRUBS, TREE Nursery	(S)		$\rightarrow$	의	의	의	
Suburban Residential	0	0	0		Soil Loss/Root E	(pos	ure		0	0	ŏ	_	Dairy			$\rightarrow$	의	의	의	
Jrban/Multifamily	0	0	0		Wall/Riprap		_		ŏ	$\frac{\circ}{\circ}$	10	+-	Orchard			_	의		의	
andfill	0	0	0		Inlets, Outlets				ö	0	ŏ	-	Confined An	imal Eggs	lina	_			의	
Dumping	0	0	0	_	Point Source/Pipe (EFFLUENT OR STOR	3	TED)		ŏ	0	0	-	Rural Reside		mig		_	_	의	
rash	•	•	0		Impervious surfac	e in	put		ŏ	0	0	<del>                                     </del>	Gravel Pit	or reign			_	-	의	
Other:	0	0	0		Other:		_		ŏ	0	0	+-	Irrigation			_	_	-	의	
Other:	0	0	0		Other:			-	ă	0	0	├─	Other:			-	$\rightarrow$	$\rightarrow$	의	
Industrial Developm	ent :	Stres	son	S								egeta	tion Stresso	re		-1	0	0	이	
il bubble if present - Plot	1	2	3	Flag	Fill bubble if pres	ent	- Pla	ot 1		2	3	Flag	T				. 1	_	_	
Drilling li	0	0	0	100	Forest Clear Cut	-			-	$\neg$		riag	Fill bubble	II preser	it - Pi	_	+	-	_	Flag
as Wells	0	0	0				-	19	-	읫	0		Herbicide Use			19	2	엑	이	
line (surface)	0	0	0		Forest Selective Cu	II.		19		의	0		Mowing/Shrut	Cutting		19	2	0	이	
ine (underground)			_		Tree Plantation Tree Canopy Herbi	(OD)		49	-	이	9		Trails				2	2		
	0	0	의		(INSECT)			10	2	이	이		Soil Compacti (ANIMAL OR HUM	on AN)			) (	0	5	
ilitary	0	이	이		Shrub Layer Browse WILD OR DOMESTIC)			4		이	0		Offroad vehicle	e damage		1	0	_	5	
ther:	0	이	이	- 10	Highly Grazed Gras					0	0		Soil erosion (FI	ROM WIND,	WATE	2 (	-	_	5	
her:	0	0	0		Recently Burned Fo Canopy			C	_	_	0		Other:				-		_	
her:	0	0	0	F	Recently Burned Gr BLACKENED)	assl	and	C	+	-	ŏ		Other:						<del>}</del>	
																$_{L}LC$				

Site ID:					ER SAMPLE PLOTS - '					Reviewed by 2212013	(initial)	KOH (		
											-la			
Confirm a	fille	d dat	ta bu	bble in	dicates presence and an unfl	iled b	ubbi		icates	absence by filling in this bubi			٠	Floo
l 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
urasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
ater hyacinth ·	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
ellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
iant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
arlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	1
pison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
ile-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	
										Other:	0	0	0	
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