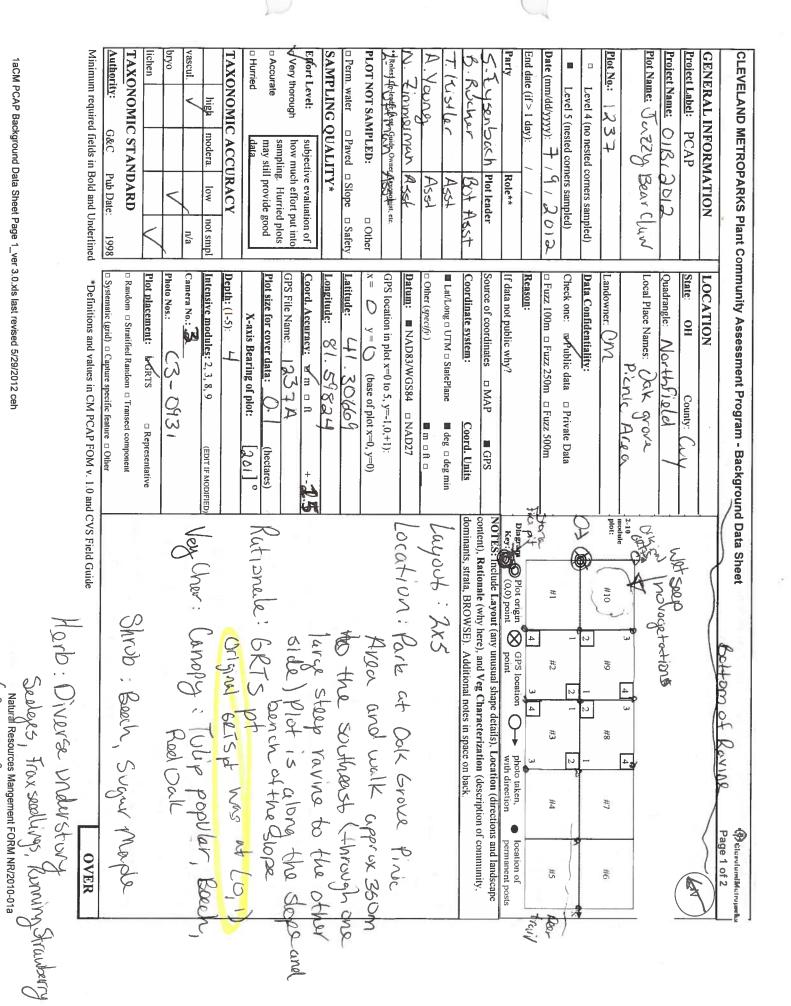
CLEVELAND MET	ROPARKS Plant Community Asses			Cieveland Metropaiks
Project Label:	PCAP	Plot No	: 1237 Date Sampled:	9-2012 Lead: Eysen
				19/2012 ATV 7//3/ if item answer is NO
Parking/Access outsid	le of Park Boundaries:	Y N	If yes, write details in Comment	s section below
Field journals comple	ted	ON		
Site sketch made on 1	:3000 map?	Ø N		
Check cover page	X-axis Bearing of plot recorded	(V) N		
10 70105 0100	GPS coords. Recorded	C N		
	North direction recorded	(Y) N		
	Photographs taken?	Ø N		
Plot No., Date agreem	ent on all pages?	(Y) N		
Header data completed	d all pages?	Ø N	Protection and a section of	
Cover classes recorded	d in all Intensive modules	G N		
Browse Level By Spe	cies	Q N		
Woody stem quality c		QV N		
Invasive plant quality		(Y) N	,	
Ash trees mapped		Y N	NIA	
Cover by Strata? (conf	firm cover type)	(Y) N		
	with matching plot #.	(D) N		
	atasheet with initials and number	Q N		
Vouchers labeled on c	ollection bag	Ø N		
Pink flags removed		Y (N)		
Data sheet QA before	leaving site?	(Y) N		
Common equipment re		Y N		
Data sheets scanned?		7-13-12	Enter date to left AY	
Final data sheets scanr	ned?		Enter date to left	
Buffer Widths measure		(Y) N	KEL 6-29-12	
Web Soil Survey		(Y) N	AJY 7-13-2012	
Voucher Location	Refrigerator	YN	1.07 1.07	
	Press (#)	1	Enter number to left	
(# vouchers collected)	Drier Drier	Y N	Lines number to left	
2000	Identified	(Y) N	SRF. 10-3=12	
3	Mounted	YN	300.10 8 × 1 2	
	Thrown away	YN		
	Thiowit away	1 1		
GD. 1				
	ion: Is plot sampleable?			
Yes	Original GRTS point is sampleable			
D No	Original GRTS point lands in a non-se		ill in category below)	
	☐ Point falls in a water (i.e. river, la ☐ Managed mowed area (i.e. golf or		at of many)	
	Paved area (i.e. parkinglot, road)	omec, preme area, rigi	n-vi-way;	
	☐ Unsafe to sample (i.e. steep slope)			
530.5	□ Other			
Additional Comments	S <b>:</b>			



CODY WIND MOC

Project Label	CLEVELAND METROPARKS Plant Community Assessment Project name: (7) (3, 0) (1)	nent Project name:	S Cove	er Dat	Data She	et 2a	Plot no .		১১ব	ן ב				Page	9		<u></u>	19	
Total modules	98: 1 O	11 - 1	厂		Plot configuration:	igurat	ion:		SXB		H	Plo	ot are	a (h	Plot area (ha): O.	-			==
ூ		Estimate for each intensive module:		cov depth	comer comer	depth W	) ey C comer	depth wood	cov Pomer	depth Rod	cov depth		cov depth	3 c	cov depth		cov d	depth R	corner COV
Metroparks	entire plot	%unvegetated open water %unveg. ground (bare soil)					n O			11				wo	W 0				
Cov. ent		%unve	-	F	$\dagger$	-	a	-		17	F	+		5	F	+			
T S H (F)	(A) Br Species	c Voucher#	depth	cov   depth	h	depth		depth	de de	depth	cov   depth	-	cov de	depth c	ov depth		DQV Q	depth	COV
7	3 Hasus granditolia		7	7		W	100000	と	7	19	7		_			_			
<u></u>	2 iriodendron toboltera		4	714			1000	_	1 0	8	14		1	1 5	812	_			
5	garum		_	Ø).	6		4	7		-			1.		-	5	ĵ		
্ গ	2 Fraginus so (spedings)		46	13		W-	S	<i>L</i> -	7	1 3	3 4		7	,	1 1	1			
-	tenum acrestichad	وعلا		نو	3	1		ינפ	1	<i>\( \)</i> -	ن ز و	$\sim$			12	2	$\sim$		
شع	elytrum erectum	5RE 537	(y)Y	ــــ س		0		2	2 -		3	1	V		2		i.,		
ريو	Parthenocissus guinguatal	¢ `	W	<u>/_</u>		ىھ	دو	٧	N	/	9		11	2	7			_	
_	$\mathcal{N}$		3	2 3		U	7	V		3	<u> </u>	$\sim$			N	2	1		
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80	Arisagma triphyllum sor	triphyllum	رو	)		W	2	4	ų		ىر	-	ىو	_	2	$\sim$		_	
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<i>\\</i> \	Prenanthes Sp		_	W	بو	ىلا	ಬ	N	0	V)	S) W			) ;	2			_	
ಲ	Carex sp.		)					CM	7.	2	~								
ع	Geraniam macculatum			4	کر	9	7	W	4	4/2	2 -	Υ	1	$\sim$	7				
ม	Hackella VIGINGER		-	2		V)	2			1			Oid						
טן	Actua alban	C2-1781		<u></u>	2	W	2				S)	2	<i>/</i>						
Ų,	da Claytonia	€ SRE 535	<u></u>	$\frac{\omega}{2}$	-	- /	2	-					1	/	3				
_	Ciccon Litatiane		-				7									~			
_	Co son Caradonso		_	<u> </u>		1	_				<b></b>		W	N		/			

2aCM PCAP Species Cover Data sheet Page 1 of x\_ver 3.xls last revised 5/29/2012 ceh

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Natural Resource Management FORM NR/2010-02a

	CLEVELAND ME	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a	ent Program Speci	es Cover Data She	et 2a		Page 2 of 4	
	Project Label:	PCAP	Project name:	018-202	Plot no.:   237	48		
	Total modules:	10	Intensive modules:	Plot conf	Plot configuration: _ Q X 5		Plot area (ha): O.I	
	�	Br = Browse Level. Use cover classes to	Estimate for each intensive module:	mod comer mod comer  A H A A  depth cov depth cov	mod corner mod corner  3 H 3 2  depth cov depth cov	r mod comer mod corner	ner mod corner mod corner mod	d comer
	Metroparks	entire plot	%unvegetated open water %unveg. ground (bare soil)					
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	<u>С</u> ,	Ostrya Virginiana		M V	23514			
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		Loursta Virginice			e -	رو -	- 1 1	
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	12	するから	NSRF 538		2			
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		Lowice Le Wollowin						
Slaw coas		Caxex 3p	H8ti-C>		/ )	2		
المراد المراد	<u>)</u>	Micla So			U N	ナ/ 2		

2aCM PCAP Species Cover Data sheet Page 1 of x\_ver 3.xls last revised 5/29/2012 ceh

Up closted Vouchers 10-3-12 SAL

Natural Resource Management FORM NR/2010-02a

		92		1 1 0+		- Maria samily		aidunhays a	ACT S	₩ (W		T			dt-		\tag{\tag{\tag{\tag{\tag{\tag{\tag{	.50	थ			~	92		YSA) TSH(F)(A) Br	Strata - Cov. entire plot		Cleveland de	<b>⊗</b>	Total modules:	Project Label:
11 Piles punita	rotesaus sp.	Carolie	eace (pourple b)	Illia americans	ontiera Magazia	6	Cochet Unk monescot A	Adjantum paglatum	0 1 NOS	XC.	other Renunwlus 12 WI	1	guisatum hyamale	aroxawm officines	HEUCH MUTELLO SUPH	croper on phild adphicus	0	_	ensein obovatus		Sanguinaries canadansis	2	N.	arex = lexifler	Species		entire plot	escribe amount of browse per species over			PCAP
			450			X 242 242 X	wsc.(ws) (3936			X SRE SVI	vatus	35			Me					(5-434-935			X SRE 534	X SRE SHO	C Voucher# depth cov depth	%unveg. litter (bare litter) 1	%unvegetated open water 1	ater 1	Estimate for each intensive module: depth cov   depth cov   depth cov   depth cov   depth cov	Intensive modules:  Plot configuration:	Project Label: PCAP Project name: Oi B(20)2
						- 92	φ			4					<u>-</u> وب			2 - 2	2			2	2 -1		th cov depth cov depth cov depth cov			and an and an and an and an and an and an	corner mod corner mod corner  4 3 2 5 4 5 2  cov death cov death cov	2x5	Plot no.: 1237
	R	P 2	<b>▼</b>   4   1   <b>&gt;</b>	ーム	<u>_</u>	<u>-</u> رر												12							depth cov depth cov			8	mod corner mod corner mod o	Plot area (ha): <u>()</u>	

updated vouchers SRE 10-3-12

CLEVELAND MET Project Label:	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Project Label: PCAP Project Label: PCAP	ent Program Species Cover Data S	ies Cov	er Data	1 Shee		Plot no.: 1237	<u>ड</u>	4				Pa	Page _	14	Q	4	•
Total modules:	JD	Intensive modules:	工	Plot	Plot configuration:	uration		×	(\		ס	Plot area (ha): 🔘	ea (l	):  -	Ö	_	Ē	-
<b>€</b>	Br = Browse Level. Use cover classes to	Estimate for each intensive module:	depth mod	cov depth	comer	mod corner depth cov	er mod	corner		cov d	depth	COV	depth o	comer	depth	COV	mod R	come
Metroparks Strata - Cov. entire plot	describe amount of prowse per species over entire plot	%unvegetated open water %unveg. ground (bare soil) %unveg. litter (bare litter)		- - -			111			- - -	+++			-1-1-1				
T S H (F)(A) Br	Species	c Voucher#	depth	cov   depth	COV	depth cov	/   depth	VQD	depth	COV d	depth	COV	depth	COV	depth	COV	depth	COV
	Quercus										$\neg$	-					70	
	Panicum sp.						-										Ø	-
	Quercus (spolling)																8	weg();
W	Flymus hydrix									-	igsqcup	in the					V	5
- R	Carex platagings						-				4						~	W
	Secretices allegions	£84) £				+					-						7	U-
	n.	C3 931										Science A					X	-
	Favisatum andres								_	ļ.,							N	2
	Veronica surphyllar									ļ					whale		7	ಬ
W	Charcus alba								_	<u> </u>				L			B	5
	Mitcheolla recens			-	3 0	$\vdash$	-			-	$\perp$			<u> </u>			N/N	-
2	Amphacarpa bracteta	7															7	
-	Veronica officinale																0	Q)
	Hydrophylling Viginam								- 10								10	-
							-+		_		_							
				.								1 (2200)		L.,				
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Project Label: PCAP Project Name: O 1 br 30 10 Plot No.:	Proje	Project Name: 0181 301	3018 F	Plot No.: 1237	Page:	of of		Ocereland Metroparks
Explain subsample (additional room on back):	41	•						
3	#stems %sub 0-1.4m or super	shrub	size class (cm) woody stems >1.4m	.4m	6 7	Co	10	=
Species of vocation	o o o o o o o o o o o o o o o o o o o	cialiba	5,50	0-710	10- 20 20- 20	23 - 130	9 240	67. 4 40,9 61.0
					•			
Standing dead		1						
		<b>D B</b>						
a fogus grandifolia	0	6.0	O		•	٥		
& Liriodentron tuli pisera	0.0							45,4,599,48,948
A Carya cordiformis			0.00					*
00				•				
2 Standing dead		5.1	•	,				
3 Fagus grandifolia	5		• •		•			
3 Acer saccharum			Ų.					
3 Liviodendron tunpitura							45	54.9.61.6
3 Smilex hispida	•							
4 Oshya Vicaniana		•	•					
A Acey saccharum		•		•				
4 Liriodendron tulipitus	16							57.0
4 Fagus granditalia	0		***		•			
A Carpinus cardiniana			9					
AS Acer saccharum	•		•			9 6		
S Eggus organdi folia	•	-	6 4		•			
C								43,5,40,4
								,
A LINDREAD BONZOIN		•						

Project Label: PCAP Project Name: ()\ 61 2012 Plot No.:	el: PCAP		Project I	Project Name: 01 81 2012	१०६ १६	ľΨ	Plot No.:	1237		Page:	بو	ૂ ા ફ	Polemeian	of Clevelana Meanbanes
Explain subsample (additional room on back):	n on back):				8	14								
		-			lass (cm	oody stems	~1.4m							
fnod # species	c voucher#	browsed	sample c	clumps 0-<1	1-<2.5	5 2.5-<5	5-<10	10 - <15	15 - <20	20 - <25	25 - <30 3	30 - <35 3	35 - <40	>40 (record each tree)
		_	_	2	8 0				•					
6 Tillia ampricam												6		
e	40	8												<b>GET</b> 69.4
2													ת	Ka.0
Franc grandifalia		°°						•				0		
7 Standing dead								•				6	×	rmensy led at
& Arex carcharum					•									
8 Fogus grandifolia		9		•	• 0			•	•					
1 Octrud Symphone		,			•									
	kra	•										5	4	41.6 53 1 5
Y Fraximus Sp.		•	L									_		
9 Fagus aranditalia							6	0 0				igne-		
9 Liviodendron Julioikva	Kv a									<u>\$</u>				
9 Standing dead										•				
4 Tilia americana														
Liriodendron tulipitem	Fem												(B)	53.2,45.7
10 QUEYCUS YUDYA						a								
10 AIRT SACCHONM				•	0 9	*	•							
10 Foods grandifolia							6	٥						
10 Standing dead														
10 Ostrya Virginiano	7													
10 Carpinus carolinians	*													
10 Court				_		•	-				_	_		

3aCM PCAP Natural Woody Stem Data Sheet ver 2.0.xls last revised 5/29/2012 jjm Acchael (U. Khoward)

Natural Resources Management FORM NR/2010-03a

CLEVELAND METROPARKS PI	ant Community Assessn	nent Pro	gran	ı: Inv	asive S	Species	Survey	(Clevels	and Metroparks
Tier 1: Early detection	/ Rapid response		1	Pre	sence	1000		GPS	
		Contraction of the last of the	NE	SE	SW	INW	BER SEE		Presence
Microstegium vimineum	Japanese stiltgrass		I MICHENIAN				***************************************		X: yes
Ranunculus ficaria	Lesser Celandine							-	
Cynanchum louiseae (vine	Black Swallow-wort								1
	) Flowering Rush	•							1
Heracleum mantegazzianum	Giant Hogweed					t			┪
Tier 2: Assess	The same of the sa	US COM		# of	Plants		EDI	mments	88
			NE	SE	SW	NW			# of Plants
Acer platanoides	Norway Maple								1: 1-10
Ailanthus altissima	Tree of Heaven								2: 11-50.
Lonicera japonica (vine)	Japanese Honeysuckle								3: 51-100
Lythrum salicaria (wetland)		· · · · · · · · · · · · · · · · · · ·						<del></del>	4: 101-1,000
Aegopodium podagraria (G-cover	+							-	5: >1,000
Celastrus orbiculatus (vine)		`							
Torilis sp.	Hedgeparsley								1
Conium maculatum	Poison Hemlock								7
Rhamnus cathartica	Common Buckthorn	(shrub)		1					1
Berberis thunbergii	Japanese Barberry	(shrub)	1	1	1	1			1
Alnus glutinosa	European Alder	(3111 427	-/-	<del>  / -</del>	<del>                                     </del>	<del>                                     </del>			1
Dipsacus laciniatus	Cut-leaf Teasel			+					-
Elaeagnus umbellata	Autumn Olive	(shrub)		<del>                                     </del>	<del>                                     </del>				-
Lonicera maackii	Amur Honeysuckle	(shrub)		A					1
Euonymus fortunei	Wintercreeper	(3111 0.0)		+ "	_				1
Tier 3: Presence	<del></del>	907		# of	Plants	Same 1	COL	nments	
			NE	SE	sw	NW		The Control of the Co	# of Plants
Convaliaria majalis (G-cover)	Lily of the Valley			-		-			1: 1-10
Coronilla varia (G-cover			1						2: 11-50.
Eleutherococcus pentaphyllus		(shrub)							3: 51-100
	Japanese Pachysandra	(0111 010)		<del>                                     </del>	<b> </b>				4: 101-1,000
Philadelphus coronarius	Mock Orange	(shrub)					,		5: >1,000
Pulmonaria officinalis (G-cover)		(3111 02)		<del>                                     </del>					- [5. + 2,000
Rubus phoenicolasius	Wineberry			<b>—</b>					
Iris pseudacorus (wetland)					<b></b>	$\vdash$			-
Ornithogalum umbellatum	Star of Bethlehem		$\vdash$						-
Viburnum opulus var. opulus		(shrub)	$\vdash$						-
Viburnum plicatum		(shrub)		1					1
Tier 4: Widespread		(SIII GB)	19.8	Pres	ence	A SHALL	COL	nments	
na na magaza			NE	SE	sw	NW			Presence
Alliaria petiolata	Garlic Mustard		4	2	1	1			X: yes
Ligustrum vulgare		(shrub)	<del>  /                                   </del>	<del>  ~</del>	<u> </u>				<del>  ,cs</del>
L. morrowii, L. tatarica		(shrub)	1	2	2	1			1
Phalaris arundinacea	Reed Canarygrass	(SIN GD)		1	4				1
Phragmites australis (wetland)	Phragmites			_					-
Polygonum cuspidatum	Japanese Knotweed			<del>                                     </del>	<b>-</b>				1
Frangula alnus	<del>                                     </del>	shrub)							-
Rosa multiflora	at a second seco	(shrub)	7	a	1	$\vdash \vdash \vdash$			-
Typha angustifolia, T. x.glauca	Cattails (wetland)	SITI GD/		14	┝╄				1
Cirsium arvense	Canada thistle			$\vdash$	$\vdash$	$\vdash$			1
Dipsacus fullonum	Common Teasel			_	<del> </del>	$\vdash$		<del></del>	1
Hesperis matronalis	Dame's Rocket				-				1
Heaperra matronana	Ingilie 2 Mocker					1			

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

Periwinkle

(G-cover)

Vinca minor

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface
Project Label: PCAP Project Name: ロルカー 301 カー

Plot No.: 1237

Page: 1 of 1

McNAB INDICES (degrees) + for up - for down FFILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD!

				-
			ted	collected
when	"=check	module. Required for VIBI-E score calculation. C'=check when	ile. Required for VI	modu
intensive	3 in each	in 0 1m clip plots (32x32 cm) from corners 1 and 3 in each intensive	m clip plots (32x32	In 0.1
is) collected	wetland	STANDING BIOMASS (required for emergent wetlands) collected	VDING BIOMASS	IVLS

Module #	C7	Corner Corner	Corner
			0

CLASSIFICATION		
FIT * excellent, g Fit and Confidence		
llydroecomorphic class (WETLANDS ONLY):		
DEPRESSION	1	Conf=
IMPOUNDMENT Beaver B Human	7	Conf=
RIVERINE - Headwater - Mainstem - Channel	Fire	Conf=
□ SLOPE (ground water hydrology or on a physical slop)	Fit	Conf=
FRINGING = Reservoir = Natural Lake	] 	Conf-
COASTAL (specify subclass)	Fit=	Conf-
BOG (strongly, moderately, weekly ombrotrophic)	Fit=	Conf=
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	Ë	
FOREST I swamp forest I boy forest I forest seep	7	Conf-
SHRUB is shrub swamp in tall sh. bog in tall sh. fen	1	Conf=

## MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Slope 1 = slight elevational grade across module (hill) Ranks for microhabital features. Select one or select two and average the score NOTE: If mod fals on a stope automatically gets ranked based on steepness (1-3) to begin + any features present Slope 2 = falls on slope ~20 ° Slope 3 = maximum steepness that can be safely sampled -45\*

- feature is absent or functionally absent from the wetland
- feature is present in the wetland in very small amounts or if more common, of low quality
- feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality
- 10 feature is present in moderate or greater amounts and of highest quality

							3		
A 0									
	w,	-	0	14		0	0	١	0
, _	X 2	Ø	Ø	12		Ø	女女	1	œ
ي	S	0	\	//		Ø	Ø	1	W
	W	0	d	28		Q	Ø	1	~
1	(rank)	(count)	(count)	(count)	(count)	(count)	(count)	corner	mod#
	10×10m	10x10m	10x10m	10x10m	10x10m	3.16x3.16m	lxim		
uri-	depth I	depth 1	depth 1	depth 1	depth 1	depth 2	depth 3		
10						uplands (Tip-Ups)			
	interspers	>40 cm	(12-40cm)	(2-12 cm)	depressions	hummocks	tussocks		
	microhab	c.w.d	c,w,d	c,w,d	no macro	no of	no. of		

## CROWN COVER (DENSIOMETER) Make 4 readings per module facing N. S. E. W. Place dot count if corresponding space. (4 dots per grid square)

Terrain Shape Index (site microtopographic shape)

Landform Index (position within landscape)

+270 degrees

€

+315 degrees

N.

+180 degrees

S

+135 degree

SE

local slopes. For TSI measure

angles formed by

horizon. TSI is

+45 degrees +90 degrees

Z Z

At aspect

LFI is angle of plot to the

+225 degrees

WS

eye of person standing ~10 m

recorders eye to

angle from

away.

ىرج	9	œ	IJ	2	Niodule	corresonding space
N 6	1	_	A	6	Z	ш
	4	ر	~	_	S	(4 dots per grid square)
2 5	2	3		9	Е	
		_	W	_	W	_

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

Project label: PCAP Project Name: 01603013

Plot No.: 1337

(C) Claweberd Methoparks

Page: 1 of 1

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

Soil plt module # (one per entire plot)

						20 cm							6 cm
hydro cond *** ISM D	redox features** Y (N)	texture*	oxid roots Y (N)	*mottle NA	mottle color NA	matrix color 10 YR S/3	hydr cond *** I S M D	redox features** Y	texture.	oxid roots Y N	%mottle NA	mottle color VA	matrix color 10 /R 3/2

- refer to texture classes on reverse side
- \*\* e g. hydrogen sulfide odor, gleying, etc.
- Circle one

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

castings, middens)

BWorms in soil

1 castings

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

Somewhat poorly dr. Well drained Excessively dr Impermeable surface □ Somewhat excessively Moderately well dr Very poorly dr.

ABA 7-13-2012

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

9	F	3	2	mod#
1.7	1.6	ar3	2.0	l litter+ organic depth
1.7	16	2.5	2.0	2 litter depth (cm)
0	0	0	0	water depth
730	>30	750	>30	depth sat

S + +	*** >5 cm in diameter Road/Trail  **** <5 cm in diameter Other	**Boulder => 10 in Bare Soil	* Gravel-Cobble = 1/16-10" Water	Bedrock Bryophyte- Lichen	Boulder** O Duff (Ferm. + Humus)	Gravei-Cobble* Litter	Mineral Soil + + + 19   Fine Woody Debris*	Histosol () Coarse Woody Debri	$(Sum = 100\%)$ percent $(Each \le 100\%)$	Underlying Earth Surface* Ground Cover	EARTH SURFACE & GROUND COVER
		are Soil	ater	yophyte- Lichen	uff (Ferm.+ Humus)	tter	Fine Woody Debris****	Coarse Woody Debris***	ach ≤ 100%)	round Cover	COVER

Bridle

Hiking sanctioned

Bootleg unsanctioned

Gravel

Type

%Cover

All Purpose

TRAIL INFORMATION:

ecord type and cover for each

								10.	
SEE BACK OF DESCRIPTION	** submersed	* rooted and fit	(Aquatic)*	(Floating)*	Herb	Shrub	Tree	Strata	COVER BY STRATA estimate using midpoi
SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS. STRATA CAN VARY BY CO	** submersed, most plant mass below surface	* rooted and floating or slightly emersed	1	•	05	5.5	75	Height Range (m)	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13
SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.	w surface	sed			H3	33	88	Total Cover (%)	,ex:3, 8, 13

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

0	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID: PCAPBL 1337  DATE: 07   09   20 1 2  Location: Fill in bubble(s) if plot(s) could not be sampled and flag →																					
		CAG	Be	12	31	<u> </u>				4					DATE	0.7	109	1 2	0	1 ,0	2_	
									Fill	l in b	ubb	le(s	) if p	lot(	s) coı	uld not be	sample	ed and f	lag -	<b>→</b>		
O AA	Center	С	N	0	S	01	E C	W		Plot		-	Plot			Plot 3						
Fill in bubble Strata Section	es for all th on: Fill in a	hat ap approp	ply: Ca oriate	anopy cover	Type:	D = [ bubble	Deciduou e for eac	ıs; E = Evergre h strata type f	Buffer en. Leaf or each plo	Type: 6	B = Bro	padlea	f. N =	Needl	e Leaf.	Absent: No tre oderate(10-40	e canopy. %); 3 = Hea	vy (40-75%	); 4 = \	/ery H	eavy (	>75%
Buffer Plot 1	Canop	y Typ If Typ	_		$\leftarrow$	bsen	t: O	Buffer Plot 2	Canop	y Typ af Typ	$\stackrel{\sim}{\sim}$		$\leftarrow$	bsen	t: O	Buffer Plot 3		Type:	$\widetilde{}$	-	sent	Flag
Big Trees (>	0.3m DBH)	0	তি	0	0	0	l lug	Big Trees (	-0.3m DBH	0	O	0	0	0	liug	Big Trees	(>0.3m DBH)	ا ا	0	<u>1</u>	0	i iag
mall Trees (<	:0.3m DBH)	0	Ō	0	0	Ō		Small Trees (		+=	Ō	0	ŏ	ŏ	0	Small Trees			Õ	$\frac{\circ}{\circ}$	ŏ	
Woody Shrubs			0	0	0	0		Woody Shrub	s, Saplings	0	0	0	0	$\frac{\circ}{\circ}$		Woody Shri	ubs, Saplings	00	0	0	0	
Woody Shrubs		0	0	0	0	0		Woody Shrub		<u></u>	ō	0	0	$\frac{\circ}{\circ}$		Woody Shru	im-5m HIGH) ibs, Saplings	00	0	0	0	
	orbs and	-	0	0	0	ō	V-1		0.5m HIGH) Forbs and	_	0	0	0	$\frac{0}{0}$			<0.5m HIGH) , Forbs and	1 = 1 =	-	0	0	
Bare	Grasses	0	0	0	0	0		Poer	Grasses	10			_	_		Per	Grasses	00	0	_	0	
													re ground	00	0	0	-					
												_	_			itter, duff	00	0	0	0		
		-	0	0	-	-			Rock	0	0	0	0	<u>0</u>			Rock	00	0	0	0	
S.	Water	•	0	0	0	0			Water	1	0	0	0	<u>O</u>			Water	00	0	0	0	
- January - Janu														0	0	0						
															D							
Residential and Urban Stressors Hydrology Stressors Agricultural & Rural Stre															tres	sors						
Fill bubble if present - Plot 1 2 3 Flag Fill bubble if present - Plot 1 2 3														Flag	Fill bubble	if preser	t - Plot	1	2	3	Flag	
Road - gra	Road - gravel OOO							Ditches, C	hanneliz	ation		0	0	0		Pasture/Ha	ıy		0	0	0	
Road - two	lane			0	0	0		Dike/Dam/		R Bed	1911	0	0	0		Range			0	0	0	
Road - fou	ır lane			0	0	0		Water Lev		ol Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	t/Pavem	nent	1196	0	0	0		Excavation	, Dredgi	ng		0	0	0		Fallow Fiel		RESTING	0	0	0	Dur
Golf Cours	se			0	0	0	v d	Fill/Spoil B	anks			0	0	0		Fallow Field	d (OLD - GR	ASS,	0	0	0	
Lawn/Park				0	0	0		Freshly De		Sedin	ent	0	0	0		Nursery			0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	Print little ball	osure		0	0	0	1	Dairy		15 210	0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0	/	Orchard			0	0	0	
Landfill				0	0	0	1. 201.5	Inlets, Out	ets			0	0	0		Confined A	nimal Fee	ding	0	0	0	
Dumping				0	0	0		Point Sour (EFFLUENT C		WATER	1	0	0	0		Rural Resid	dential		0	0	0	
Trash				0	0	0		Impervious (SHEETFLOW	surface	Input		0	0	0		Gravel Pit			0	0	0	
Other:				0	0	0		Other:	4	Maria Carrie		0	0	0		Irrigation			0	0	0	
Other:		********		0	0	0		Other:				0	0	0		Other:			0	0	0	
Indus	strial De	evelo	pm	ent S	tres	son	5					ŀ	labit	at/V	egeta	tion Stress	ors					
ili bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	lot	1	2	3	Flag	Fill bubb	le if prese	nt - Plot	1	2	3	Flag
Oil Drilling			TO ST	0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse		0	0	0	
Gas Wells OOO								Forest Sele				0	0	0		Mowing/Shi	ethe of		0	0	0	
Mine (surface)								Tree Planta				0	0	0		Trails			0	0	0	
Mine (unde	Cartella servi	)		-				Tree Canop		ory						Soil Compa						
	- g. ounu	,		0	0	0		(INSECT) Shrub Layer	Browse	d		0	0	0		(ANIMAL OR H	a later to the		0	0	0	
Military		E Lavi		0	0	0		(WILD OR DOM Highly Graz	IESTIC)			0	0	0		Offroad veh Soil erosion			0	0	0	
Other:				0	0	0		(OVERALL <3"	HIGH)			0	0	0		OR OVERUSE		D, TIMIER,	0	0	0	
Other:				0	0	0		Recently Bu Canopy				0	0	0		Other:			0	0	0	
Other:				0	0	0		Recently Bu (BLACKENED)	rned Gra	asslar	id	0	0	0		Other:			0	0	0	
	g codes: uffer San				ment /27/2	Exp	, U = S iain ail f	uspect measi lags in comm	rement., ent sectio	F1,F2 on on	, etc. :	= misc ck of t	this fo	s assi	gned by	y each field ci	ew.	242	8168	304		

			_		FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID:  PCAP B R 2012 /237  DATE: 07   09   2012  Location: Fill in bubble(s) if plot(s) could not be sampled and flag →																		
•		•	149																			_ (	
Site	ID:	PCA	H .	BR	J	010	x /0	737							DATE	0.7	109	_/ _	2.	0,	0		
Locati	on:								Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ıld not be	sample	ed an	nd fla	ıg -	→		
OAA	Center	0	N	0	S	01	<b>■</b> 0	W		Plot 1			Plot			Plot 3							
								s; E = Evergre		уре: Е	= Bro	oadlea	f; N = I	Needle	e Leaf.	Absent: No tree oderate(10-40		vy (40-	75%);	4 = V	ery He	eavy (	>75%)
Buffer	Canop	у Тур	e: <b>(</b>	(	) A	bsen	t: O	Buffer	Canop	у Тур	e: 👩	) (E	) At	sent	: O	Buffer	Canopy	Туре	: 🚱	(E)	Ab	sent	: O
Plot 1	Lea	f Typ	e: <b>(</b>	) (			Flag	Plot 2	Lea	f Typ	e: 🌈	) (°			Flag	Plot 3	Leaf	Туре	: 🝘	(1)			Flag
Big Trees (>	·0.3m DBH)	0	0	2	6	0		Big Trees (>	-0.3m DBH)	0	0	2	0	<b>(</b>		Big Trees	(>0.3m DBH)	0	0	0	0	0	
mall Trees (<	:0.3m DBH	0	0	0	0	0		Small Trees (	<0.3m DBH	0	0	2	0	0		Small Trees	(<0.3m DBH)	0	0	0	0	0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	<b>(</b>	0	3	0		Woody Shrub	s, Saplings -5m HIGH)		0	2	0	0			ibs, Saplings im-5m HIGH)	0	0		0	0	
Woody Shrubs (<0.	s, Saplings .5m HIGH)		0	2	①	0		Woody Shrub: (<0	s, Saplings ).5m HIGH)	0	<b>6</b>	2	0	0			bs, Saplings 0.5m HIGH)	0	<b>(1)</b>	0	0	0	
Herbs, F	orbs and Grasses	0	0	0	3	0			Forbs and Grasses	0	<b>@</b>	(2)	0	0		Herbs,	Forbs and Grasses	0	0	0	0	0	
Bare	ground	0	0	0	0	0		Bare	ground	0	<b>6</b>	(2)	0	0		Bar	e ground	0		0	0	0	
Litter, duff O O O O O O C														0	<b>(4)</b>	0							
													<u></u>	0	0								
	Water	•	0	2	3	0			Water	0	Ō	0	0	Ō			Water	<b>6</b>	<del>-</del> +	0	0	Ō	
Submerged Submerged Submerged										0	$\overline{\odot}$	(2)	0	$\overline{\odot}$			Submerged	<b>(3)</b>	Ŏ	0	0	0	
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this																	0						
Residential and Urban Stressors Hydrology Stressors Agricultural & Rural Stressors																							
Residential and Urban Stressors Hydrology Stressors Agricultural & Rural S  Fill bubble if present - Plot															1	2	3	Flag					
Road - gra	avel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ay			0	0	0	
Road - two	ane		THE	0	0	0		Dike/Dam/		R Bed		0	0	0	-	Range				0	0	0	
Road - fou	ır lane			0	0	0		Water Leve	are the later and	l Stru	cture	0	0	0		Row Crops			W F	0	0	0	
Parking Lo	ot/Paven	nent		0	0	0		Excavation	, Dredgir	ng		0	0	0		Fallow Fiel		RESTIN	G	0	0	0	
Golf Cours	se		1 111	0	0	0		Fill/Spoil B				0	0	0		Fallow Field SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park	(			0	0	0		Freshly De (UNVEGETAT		Sedim	ent	0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F		osure		0	0	0	1	Dairy		ne t		0	0	0	
Urban/Mul	ltifamily			0	0	0		Wall/Ripra	р		7.8	0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Outl	or many something			0	0	0		Confined A		ding		0	0	0	
Dumping		9/5-19		0	0	0		(EFFLUENT C	R STORM	VATER	)	0	0	0		Rural Resid	dential			0	0	0	
Trash				0	0	0		(SHEETFLOW		mput		0	0	0		Gravel Pit			-	0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation				의		0	
Other:				0	0	0		Other:				0	0	0	- Valle	Other:		1000		0	0	0	
Indus	strial D	evelo	opmo	ent S	itres	sor	3					1	labit	at/V	egeta	tion Stress	sors						
Fill bubble	if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	lot	1	2	3	Flag	Fill bubb	le if prese	ent - P	lot	1	2		Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse		4	익	의	0	
Gas Wells			63	0	0	0		Forest Sele	ctive Cut	1		0	0	0		Mowing/Shi	rub Cutting	)		0	0	0	
Mine (surfa	ace)			0	0	0		Tree Planta		Supr		0	0	0		Trails				0	0	0	
Mine (underground)  OOO  Tree Canopy Herbivory (INSECT)  OOO  Soil Compaction (ANIMAL OR HUMAN)  O													0	0									
Military O O Shrub Layer Browsed (WILD OR DOMESTIC)   Shrub Layer Browsed (WILD OR DOMESTIC)   Offroad vehicle damage													0	0									
[OVERVEE O THOR)													0	0									
													0	0									
Other:			16	0	0	0		Recently Bu (BLACKENED)	imed Gra	asslar	nd	0	0	0		Other:				0	0	0	
● Fla	ag codes:	K = N	lo me	asure	ment			uspect measu							igned b	y each field c	rew.	2	428	168	304	1	7
В	uffer San	nple i	Plots	05,	/27/2		ani eli I	age in comm	JIII SECUC	,, OII 1	08	OR UI	IO	. 111								1	

	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID: PCAPBR 1237  DATE: 0 7   0 7   2 0 1 2  Location: Fill in bubble(s) if plot(s) could not be sampled and flag →																						
Site I	ID: P	CA	OBI	21:	287	2	FUI	KIVI B-1:												-		— (	
Locati	_								Fill	in h	uhh	le/s	ifn	lot/s	s) cor	ıld not be	sample	d ar	nd fl	ad -	<u></u>		
OAAC		0	N	0	S	OE	= 0	W	The second second	lot 1			Plot			Plot 3				-9			
Onti	3011101		/ IL.		•				Buffer			_	WEST TO THE T	-		.0.0	200						
Fill in bubble Strata Section	es for all thon: Fill in a	nat app	oly: Ca oriate d	nopy cover	Type: class b	D = D	eciduou for eac	s; E = Evergre h strata type fo	en. Leaf T or each plo	ype; E t. 0 = /	s = Bn Abser	oadlea nt; 1 = :	f; N = Sparse	Needle e(<10%	e Leaf. A 6); 2=Mo	Absent: No treo oderate(10-40	e canopy. %), 3 = Hea	vy (40-	75%);	4 = V	ery He	eavy (	>75%)
Buffer	Canop	у Тур	e: <b>(</b>		) At	sen	t: O	Buffer	Canopy	у Тур	e: 🍕	•	) AI	bsent	: 0	Buffer	Сапору	Туре	: 🌖	(1)	Ab	sent	0
Plot 1	Lea	f Typ	e: 🅊	(	)		Flag	Plot 2	Lea	f Typ	e: <b>(</b>	) (	)		Flag	Plot 3	Leaf	Туре	: 🚱	N			Flag
Big Trees (>	0.3m DBH)	0	0	•	0	0		Big Trees (>	-0.3m DBH)	0	0	0	3	0		Big Trees	(>0.3m DBH)	0	0	<b>0</b>		0	
Small Trees (<	:0.3m DBH)	0	0		0	0	)	Small Trees (	<0.3m <b>DB</b> H)	0	0	(2)	9	0		Small Trees	(<0.3m DBH)	0	0	2		0	
Woody Shrubs (0.5m-	s, Saplings 5m HIGH)	0		2	0	0		Woody Shrub	s, Saplings -5m HIGH)	0	0	2	•	0			ubs, Saplings 5m-5m HIGH)	0	0	9	0	0	
Woody Shrubs		0	0	2	0	0		Woody Shrub		0		2	0	0			ibs, Saplings <0.5m HIGH)	0	•	0	0	0	
	orbs and Grasses	0	0		<b>①</b>	0			orbs and Grasses	0	0	0		0			Forbs and Grasses	0	0	<b>3</b>	0	0	
Bare	ground	0	<b>(4)</b>	2	0	0		Bare	ground	0	0	<u>0</u>	0	0		Bai	re ground	0		0	0	0	
Litt	ter, duff	0	0	(2)	•	0		Lit	ter, duff	0	Ō	<u>(</u> )	•	0		L	itter, duff	0	Ŏ	9	0	Ŏ	
	Rock	Ō	0	0	0	ŏ			Rock	0	0		0	$\frac{\circ}{\odot}$			Rock	ŏ	<b>9</b>	0	0	ŏ	
	Water		0	0	0	0			Water		$\frac{\circ}{\circ}$	0	0	$\frac{\circ}{\circ}$			Water	0	0	0	0	ŏ	
	bmerged			0	0	0			ubmerged	9	$\frac{0}{0}$	0	0	$\overline{\odot}$			Submerged		0	0	0	0	
	egetation	<b>6</b>	$\subseteq$		-		rm that		egetation		_	-	$\subseteq$		unfilled		Vegetation	nce h					<b>20</b>
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this  Residential and Urban Stressors Hydrology Stressors Agricultural & Rural S																	9						
Residential and Urban Stressors Hydrology Stressors Agricultural & Rural S  Fill bubble if present - Plot																	Elaa						
		ent - I	Plot	1	2	3	Flag		•		lot	1	2	3	Flag	J. S.		it - Pi	οτ	220	2	3	Flag
Road - gra				0	0	0		Ditches, C				0	0	0		Pasture/Ha	ay				0		
Road - two				0	0	0		(IMPEDE FLO	W)		-	0	0	0		Range				0	0	0	
Road - fou				0	0	0		Water Lev			cture		0	0		Row Crops Fallow Fiel		DESTIN	IG.	0	0	0	
Parking Lo	200000000000000000000000000000000000000	nent		0	0	0		Excavation		ng		0	0	0		ROW CROP FIEL	.D)			0	0	0	
Golf Cours	37			0	0	0		Fill/Spoil B Freshly De		Sedim	ent	0	0	0		SHRUBS, TRE			-	0	0	0	
Lawn/Park		A! _ 1		0	0	0	- 10	(UNVEGETAT	ED)		-1154	0	0	0	,	Nursery		-	+		0	0	
Suburban		luai		0	0	0				Jaure	1000	0	0	0		Orchard					0	0	
Urban/Mul	ımamııy				0	0		Wall/Ripra				10	0	0		Confined A	nimal Foe	dina		0	0	0	
Landfill				0	0	0		Inlets, Out	ce/Pipe			0	0	0 0		Rural Resi		ung		400	0	-	
Dumping				0	0	0		(EFFLUENT C Impervious				0	0	0		Gravel Pit	Gornau	351AT		0	0	0	
Trash Other:				0	0	0 0		(SHEETFLOW Other:	0			0	0	0		Irrigation			+	0	0	0	
Other:				0	0	0		Other:		-		0	0	0		Other:				0	0	0	
T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	strial D	evel	opm				8	- Culor				1	1000	1000	egeta	tion Stress	sors			O <sub>1</sub>	O	<u> </u>	
Fill bubble	if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - F	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	Jse			0	0	0	
Gas Wells OOO								Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	9		0	0	0	
Mine (surf	ace)	CENTER OF THE		0	0	0		Tree Planta	tion			0	0	0		Trails				0	0	0	-
Mine (und	erground	1)		0	0	0		Tree Canop	y Herbivo	ory		0	0	0	-	Soil Compa		VIII T		0	0	0	
Military				0	0	0		Shrub Laye		d			•	•		Offroad vel	Nothing to	ge		0	0	0	
Other:	4.4		TIGE!	0	0	0		Highly Graz (OVERALL <3"	ed Grass	ses		0	0	0		Soil erosion		ID, WA	TER,	0	0	0	
Other:				0	0	0		Recently Bu		est	1919	0	0	0		OR OVERUSE Other:	1		7	0	0	0	
Other:				0	0	0		Canopy Recently Bu	rned Gra	asslar	nd	0	0	0		Other:				0	0	0	
_	ag codes:	K=1	No me				e, U = S	(BLACKENED) uspect measi	urement	F1,F2	2, etc.				igned b	y each field c	rew.						7
100	uffer Sar		-		/27/2	Exp	lain all f	lags in comm	ent sectio	on on	the b	ack of	this fo	опп			PAR LOS		2428	108	504	1	

								9-															
•			013	81	5,0		FO	RM B-1:	BUFF	ER	SAI	MPL	ΕP						ved by			_	•
Site	ID: P	CAP	B124	237	?										DATE	0.7	0,9	_/	2	0	1,6	2	
Locati	on:			1					Fill	in b	ubb	le(s	if p	lot(s	s) cou	ıld not be	sample	ed a	nd f	ag -	<b>→</b>		
OAAC	Center	С	N	0	S	<b>Ø</b> I	E 0	W		lot			Plot		100000	Plot 3							
Fill in bubble	es for all th	nat anı	nlv: Ca	יחחחע.	Tyne	D = [	Deciduou		Buffer							Absent: No tree	canony						
																oderate(10-409		vy (40	-75%)	; 4 = \	/егу Н	eavy (	>75%)
Buffer	Canop	у Тур	e: <b>(</b>		) Al	bsen	t: O	Buffer	Canopy	у Тур	e: <b>(</b>	) (	) AI	bsent	: 0	Buffer	Canopy	Тур	e: 🐠	(E)	) Ab	sent	: 0
Plot 1	Lea	f Typ	e: 🔞	) (			Flag	Plot 2	Lea	f Typ	e: <b>(</b>	) (			Flag	Plot 3	Leaf	Туре	e: 🐠	) (			Flag
Big Trees (>	0.3m DBH)	0	0	2	<b>6</b>	0		Big Trees (>	0.3m DBH)	0	0	(2)	<b>6</b>	0		Big Trees	(>0.3m DBH)	0	0	<b>(3)</b>	<u></u>	0	
Small Trees (<	0.3m DBH)	0	0	0	9	0		Small Trees (	<0.3m DBH)	0	0	<b>(</b>	0	0		Small Trees	(<0.3m DBH)	0	0	2	0	0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	0	<b>6</b>	<u> </u>	0		Woody Shrubs (0.5m	s, Saplings -5m HIGH)	0	0	2	0	0			bs, Saplings m-5m HIGH)	0	0	0	<u>(1)</u>	0	
Woody Shrubs (<0.	s, Saplings .5m HIGH)	0	0	2	3	0		Woody Shrubs (<0	s, Saplings .5m HIGH)	0	<b>(</b>	2	0	0		Woody Shru	bs, Saplings 0.5m HIGH)	0	9	0	0	0	
Herbs, F	orbs and Grasses	0	0		0	0		Herbs, F	orbs and Grasses	0	0	2	0	<b>(</b>		Herbs,	Forbs and Grasses	0	0	•	0	0	
Bare	ground	0	0	2	0	0		Bare	ground	0	0	2	0	0		Bar	e ground	0	0	0	0	0	
Lit	ter, duff	0	0	2	0	0	,	Lit	ter, duff	0	0	2	0	0		L	itter, duff	0	0	0	0	0	
												0			Rock	0	1	0	0	0			
										<b>(2)</b>	0	0	0	0			Water	<b>6</b>	0	<b>②</b>	0	0	
Su	3	0			bmerged egetation	9	0	<u>(1)</u>	0	$\overline{\odot}$			Submerged Vegetation	0	0	<u>(1)</u>	<u>(1)</u>	Ō					
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling to															ng thi	s but	ble.	0					
Residential and Urban Stressors Hydrology Stressors Agricultural & Rural Stressors																							
Residential and Urban Stressors Hydrology Stressors Agricultural & Rural Strill bubble if present - Plot 1 2 3 Flag Fill bubble if present - Plot 1 2 3 Flag Fill bubble if present - Plot 1 2 3 Flag Fill bubble if present - Plot 1															1	2	3	Flag					
Road - gra	avel			0	0	0		Ditches, Cl	nanneliza	ation		0	0	0	-	Pasture/Ha	٧			0	0	0	
Road - two	lane			O	0	0		Dike/Dam/		Bed		0	0	0		Range				0	0	0	
Road - fou	ır lane			0	0	0		Water Leve		l Stru	cture	-	0	0		Row Crops			199	0	0	0	
Parking Lo	ot/Pavem	ent	Jal	0	0	0	- 49	Excavation	, Dredgir	ng		0	0	0		Fallow Field		RESTI	NG	0	0	0	
Golf Cours	se		mg.	0	0	0		Fill/Spoil B	anks			0	0	0		Fallow Field	d (OLD - GR	ASS,		0	0	0	
Lawn/Park				0	0	0		Freshly De (UNVEGETAT		Sedim	ent	0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	Root Expo	osure		0	0	0	1	Dairy				0	0	0	
Urban/Mul	itifamily			0	0	0		Wall/Ripra	)			0	0	0		Orchard			M	0	0	0	
Landfill				0	0	0		Inlets, Outi				0	0	0		Confined A		ding		0	0	0	
Dumping				0	0	0		Point Source (EFFLUENT O	R STORM	VATER	)	0	0	0		Rural Resid	dential			0	0	0	
Trash				0	0	0		(SHEETFLOW		mput		0	0	0		Gravel Pit				0	0	0	
Other:		-6 · · · · · ·	74.100.210	0	0	0		Other:				0	0	0		Irrigation		9	0000	0	0	0	
Other:				0	0	0		Other:			CO 4 TOUR	0	0	0		Other:			_	0	0	0	EVE
Indu	strial D	evel	opmo	ent S	tres	sor	8		Y ALEX			I	labit	tat/V	egeta	tion Stress	ors						
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - F	lot	1	2	3	Flag	Fill bubb	le if prese	ent - l	Piot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	Cut			0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Selec	ctive Cut			0	0	0		Mowing/Shr	ub Cutting	,		0	0	0	
Mine (surfa	0		Tree Plantal	tion			0	0	0		Trails				0	0	0						
Mine (und	0	0		Tree Canop (INSECT)	y Herbivo	ory		0	0	0		Soil Compa (ANIMAL OR H				0	0	0	,				
Military O O Shrub Layer Browse (WILD OR DOMESTIC)												0	0	•		Offroad veh	icle dama			0	0	0	
Other:				0	0	0		Highly Graze	ed Grass	es		0	0	0		Soil erosion OR OVERUSE)		ID, WA	TER,	0	0	0	•
Other:			714	0	0	0		Recently Bu Canopy	med For	est		0	0	0		Other:				0	0	0	
Other: OOO Recently Burned Gr											ıd	0	0	O		Other:				0	0	0	
No. of the last	ag codes:	K = N	lo me	-	in the same	made		uspect measu				= mis		s assi	igned by	y each field cr	ew.		2428				
Bı	uffer San	nple i	Plots	05,	/27/2		lain all f	lags in comm	ent sectio	n on t	ne ba	ick of	this fo	orm				The same	- 1A(		,504	4	

	a a		FORM B-1: BUFFER SAMPLE PLOTS (Front)  Reviewed by (initial):															•
Site ID: PCAPBR 1737 DATE: 0.7 0.9 20.1.2																		
Location:				Fill in bubble(s) if plot(s) could not be sampled and flag →														
O AA Center O N		01	O Plot 2 O Plot 3															
Fill in hubbles for all that analys Co		Time	D = D	) o o i du a u		Buffer							boost: No tro	- Canony				
Fill in bubbles for all that apply. Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy.  Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2=Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%)  Buffer Canopy Type: Absent: D Buffer Canopy Type: Canopy Type: Absent: D Buffer Canopy Type: Absent: D															(>75%)			
Buffer Canopy Type: Absent: Absent:			Buffer Canopy Type:				-		: O	Buffer								
Plot 1 Leaf Type:	(			Flag	Plot 2 Leaf Type:					Flag	Plot 3	Leaf Type:			$\overline{}$	Flag		
Big Trees (>0.3m DBH)		0	0		Big Trees (>0.3m DBH)		0	9	<u>O</u>			(>0.3m DBH)		0	0			
Small Trees (<0.3m DBH)	<u> </u>	0	9	ļ	Small Trees (<0.3m DBH)		0	9	0		Small Trees	1010	<b>3</b>	0	0			
Woody Shrubs, Saplings (0.5m-5m HIGH)	<u> </u>	<b>(3)</b>	0		Woody Shrubs, Saplings (0.5m-5m HIGH)		0	0	<u>O</u>		(0.5	ibs, Saplings m-5m HIGH)	0	0	0			
Woody Shrubs, Saplings (<0.5m HIGH)	<u>(2)</u>	0	0		Woody Shrubs, Saplings (<0.5m HIGH)		0	<u> </u>	<u>O</u>		. (<	bs, Saplings 0.5m HIGH)		<u> </u>	0			
Herbs, Forbs and Grasses   Grasses	0	0	0		Herbs, Forbs and Grasses O		0	0	0		Herbs,	Forbs and Grasses ① ①	2		0			
Bare ground	2	0	0		Bare ground ① ①			0	<u>O</u>		Bar	e ground 🕡 🕦	2	0	0			
Litter, duff 0	2	0			Litter, duff 0 0		2	•	0		L	itter, duff 💿 🕦	2		0			
Rock 🕼 🔾	2	(3)	0			Rock		0	2	0	0			Rock	(2)	0	0	
Water 🐠 🕦	2	0	0			Water	0	0	0	0	0			Water 🕡 🕦	2	3	0	
Submerged Vegetation	<u></u>	0	0			bmerged egetation	0	0	0	0	0			Submerged Vegetation	(2)	0	0	
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.															•			
Residential and Urba	Hydrology Stressors							Agricultural & Rural Stressors										
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot			1	2	3	Flag	Fili bubble	if present - Plot	1	2	3	Flag	
Road - gravel	0	0	0		Ditches, Channelization		0	0	0		Pasture/Ha	y	0	0	0			
Road - two lane	0	0	0		Dike/Dam/Road/RR Bed (IMPEDE FLOW)			0	0	0		Range		0	0	0		
Road - four lane	0	0	0		Water Level Control Structure			0	0	0		Row Crops		0	0	0		
Parking Lot/Pavement	0	0	0		Excavation, Dredging			0	0	0	- 6	Fallow Fiel	d (RECENT-RESTING	0	0	0		
Golf Course	0	0	0		Fill/Spoil Banks			0	0	0		Fallow Fiel SHRUBS, TRE	d (OLD - GRASS, ES)	0	0	0		
Lawn/Park	0	0	0	81	Freshly Deposited Sediment (UNVEGETATED)			0	0	0	-	Nursery		0	0	0		
Suburban Residential	0	0	0		Soil Loss/Root Exposure			0	•	0		Dairy		0	0	0		
Urban/Multifamily	0	0	0		Wall/Riprap			0	0	0		Orchard		0	0	0		
Landfill	0	0	0		Inlets, Outlets			0	0	0		Confined A	nimal Feeding	0	0	0		
Dumping	0	0	0		Point Source/Pipe (EFFLUENT OR STORMWATER)			0	0	0		Rural Resid	dential	0	0	0		
Trash	0	0	0		Impervious surface input (SHEETFLOW)			0	0	0		Gravel Pit		0	0	0		
Other:	0	0	0		Other:			0	0	0		Irrigation		0	0	0		
Other:	0	0	0		Other:		0	0	0		Other:		0	0	0			
Industrial Developme	ent S	Stres	sors	5	Habitat/Vegeta								tion Stress	sors				
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot		1	2	3	Flag	Fill bubb	le if present - Plot	1	2	3	Flag		
Oil Drilling	0	0	0		Forest Clear Cut		0	0	0		Herbicide U	se	0	0	0			
Gas Wells	0	0	0		Forest Selective Cut		0	0	0		Mowing/Sh	rub Cutting	0	0	0			
Mine (surface)	0	0	0		Tree Plantation		0	0	0		Trails		0	0	0			
Mine (underground)	0	0	0		Tree Canopy Herbivory		0	0	0		Soil Compa (ANIMAL OR H		0	0	0			
Military	0	0	0		Shrub Layer Browsed (WILD OR DOMESTIC)		0	•	•		CATEGORIA DE LA CATEGORIA DE L	icle damage	0	0	0			
Other:	0	0	0		Highly Grazed Grasses (OVERALL <3" HIGH)		0	0	0		Soil erosion (FROM WIND, WATER, OR OVERUSE)			0	0			
Other:	0	0	0		Recently Burned Forest			0	0	0		Other:	N. S.	0 0	0	0		
Other:	0	0	0		Recently Burned Grassland			0	0	0		Other:		0	0	0	.,	
Flag codes: K = No mea				. U=S	(BLACKENED)	urement	F1.F2	. etc		-		ianed b		rew.				
Buffer Sample Plots			Exp		lags in comm									242	816	3304		